



Tekform Slimline+ Drawer

Important Information

Technical information

Our catalogue 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.

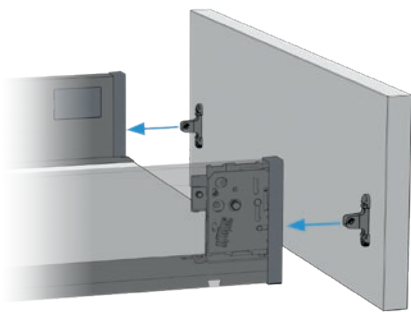
Non-preferred articles

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

Trademarks

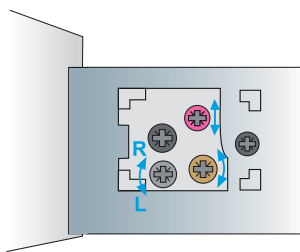
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Tekform Slimline+ Drawer



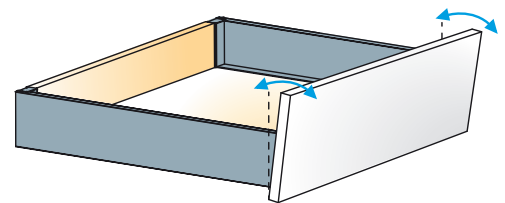
Swift assembly with enhanced front panel engagement

- Retaining feature on the locking mechanism ensures secure and reliable front panel engagement
- Optimised front panel connectors stabilize front panel prior to assembly
- Effortless disengagement for easy adjustments at any time



3D drawer front alignment with easy access

- Convenient front access for side, height, and tilt adjustment
- Colour-coded adjustment cams for easy identification
- Ensures uniform gap layouts for evenly aligned drawer fronts



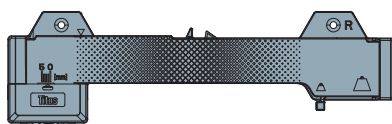
Tilt adjustment

- Accessible at the front of the drawer side
- For an intuitive drawer front positioning through the mechanical stop



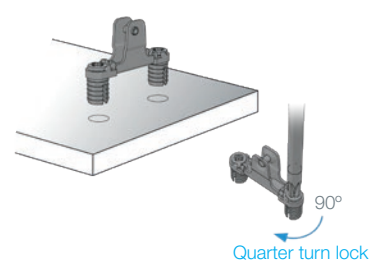
Smooth and effortless performance

- Titus Damper Inside with ART function for smooth and controlled movement, regardless of the closing speed
- Low pull-out force
- Optimal closing performance and life-long consistent damping



Push-to-open compatibility for handleless cabinets

- Intuitive mounting without pre-drilling
- One-for-all: one mechanism for all Tekform Slimline+ drawers from 300mm onwards
- Easily adjustable push-to-open activation with only 1.5mm gap to operate
- Same runner for standard and push-to-open application

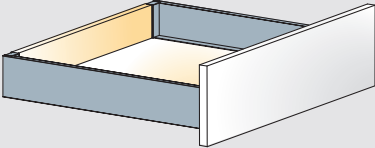
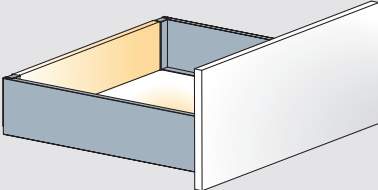
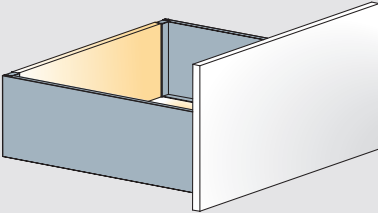
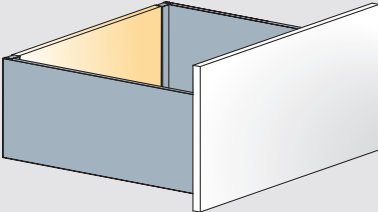


EasyFix front panel attachment

- Simple hand insertion
- Comfortable locking action at 90° turn of screwdriver
- Expando function for firm and reliable front attachment

Tekform Slimline+ Drawer

Product Guide

			Page
Tekform Slimline+ Drawer			
Tekform Slimline+ drawer DW70 	Side material	Drawer type	
	Metal	Soft closing Push-to-open compatible	1.11
Tekform Slimline+ drawer DW100 	Side material	Drawer type	
	Metal	Soft closing Push-to-open compatible	1.13
Tekform Slimline+ drawer DW145 	Side material	Drawer type	
	Metal	Soft closing Push-to-open compatible	1.15
Tekform Slimline+ drawer DW182 	Side material	Drawer type	
	Metal	Soft closing Push-to-open compatible	1.17
Accessories			
	Tacto push opening mechanism		1.19
	Marking jig		1.20
	Steel back panel		1.21

Tekform Slimline+ Drawer

Information

Technical Guide

How to choose the appropriate drawer dimension?

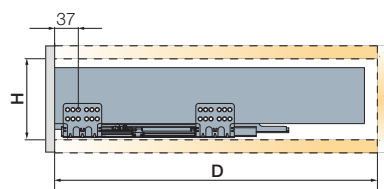
Select the drawer size based on the available cabinet space. Please refer to the chart below, which indicates the

minimum space required in the cabinet to choose the appropriate drawer system.

NL = Tekform Slimline+ drawer nominal length (mm)

NL	270	300	350	400	450	500	550
----	-----	-----	-----	-----	-----	-----	-----

	Tekform Slimline+ drawer	
	Min. height H required	Cabinet depth D
Tekform Slimline+ drawer DW70	115mm	NL + min. 3mm
Tekform Slimline+ drawer DW100	147mm	NL + min. 3mm
Tekform Slimline+ drawer DW145	198mm	NL + min. 3mm
Tekform Slimline+ drawer DW182	230mm	NL + min. 3mm



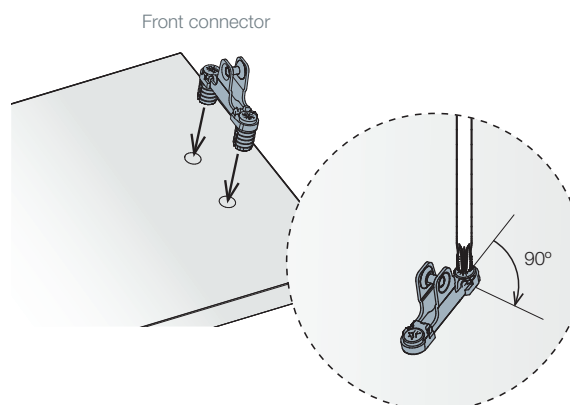
How to fix drawer sides to the front panel?



EasyFix front connector

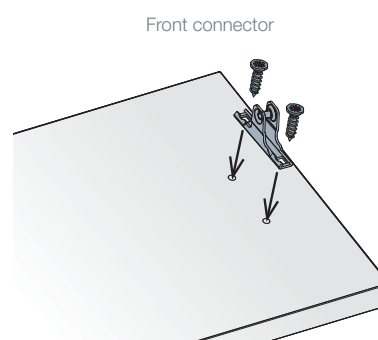
The Tekform Slimline+ drawer is available with EasyFix or screw-in front connectors

- hand insertion
- quarter turn locking system
- expandable dowel
- easy assembly and disassembly of front panel



Screw-in front connector

- reliable connection
- fixing with Ø3.5x15mm screws (screws are not included)



Planning

Bottom panel and back panel cutting dimensions

Dimensions of bottom and back panel depends on:

- cabinet width
- nominal drawer length
- drawer height

NL = Tekform Slimline+ drawer nominal length (mm)

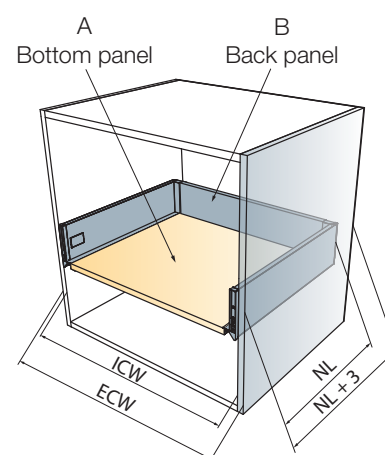
NL	270	300	350	400	450	500	550
----	-----	-----	-----	-----	-----	-----	-----

Cabinet width

ECW: External cabinet width

ICW: Internal cabinet width

NL: Nominal length of drawer



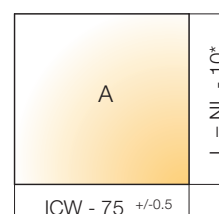
Back panel cutting dimensions

Back panel height depends on the selected drawer height

	K
DWD70	68
DWD100	100
DWD145	151
DWD182	183



Bottom panel cutting dimensions



NL	270	300	350	400	450	500	550
L	260	290	340	390	440	490	540
L_{st}	250	280	330	380	430	480	530

NL = Slimline+ drawer nominal length (mm)

L = Length in case of wood back panel

L_{st}: Length in case of steel back panel

*For drawers with steel back panel L = NL - 20

Tekform Slimline+ Drawer

Information

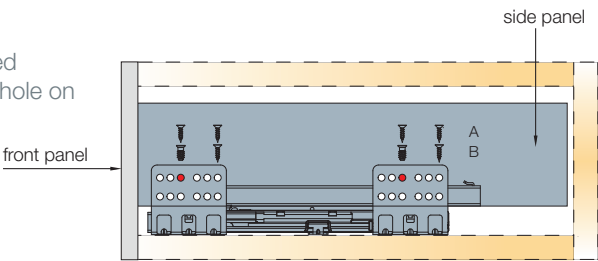
Technical Guide

How to choose the appropriate drawer runner fixing positions?

The drawer's fixing position depends on its functional placement.

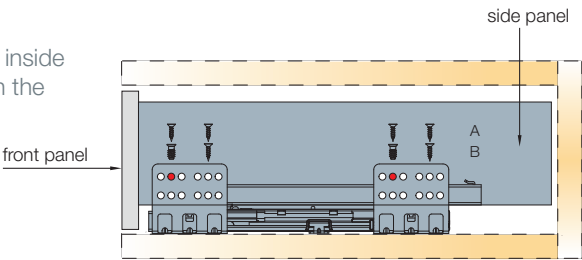
Tekform Slimline+ drawer front positioned outside the carcass

When the drawer front is positioned outside the carcass, use the third hole on the drawer runner for fixing.



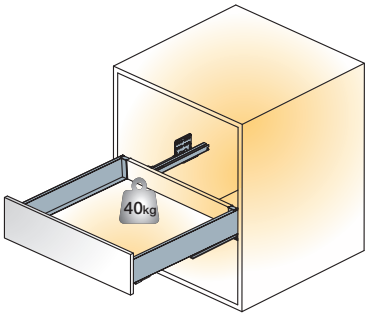
Tekform Slimline+ drawer front positioned inside the carcass

When the drawer front is positioned inside the carcass, use the second hole on the drawer runner for fixing.



Load capacity

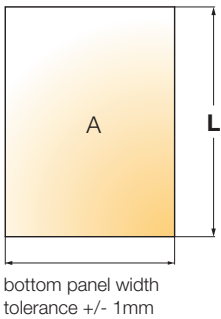
Drawer load capacity is 40 kg.



Expanded tolerances

Tekform Slimline+ drawer provides wider tolerances in cabinet construction and assures:

- precise drawer alignment
- smooth and silent operation
- improved drawer stability in open position
- Tekform Slimline+ drawer provides a tolerance of +/- 1mm on bottom panel width size





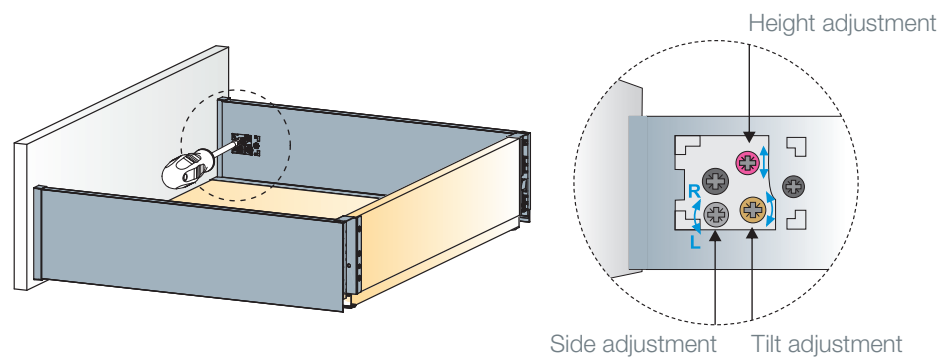
Adjustment needs to be done on both sides of the drawer

Adjustments

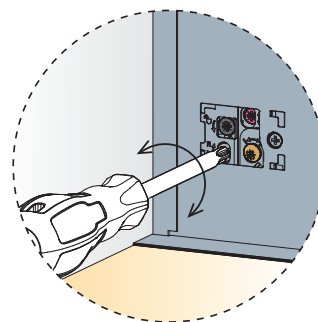
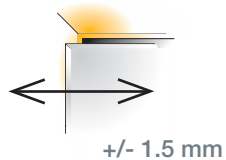
How to adjust the drawer front panel?

The Tekform Slimline+ drawer offers effortless three-dimensional front panel alignment, providing convenient access for side, height, and tilt adjustment positioned

at the front of the drawer side. Enhanced with colour-coded adjustment cams, for easy identification and precise alignment, guaranteeing uniform gap layouts.

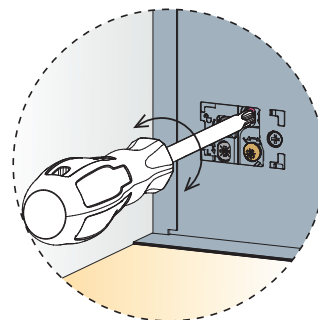
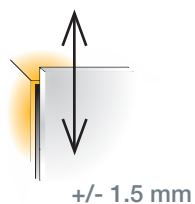


Side adjustment



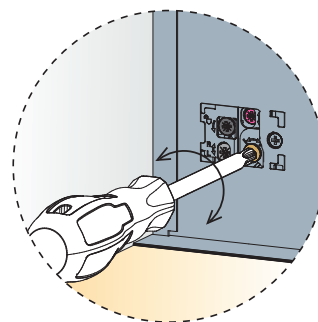
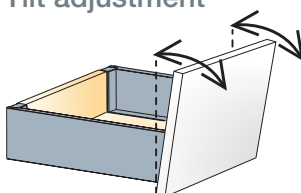
Side adjustment is done by rotating the grey coloured cam adjuster on the drawer side.

Height adjustment



Height adjustment is done by rotating the red coloured cam adjuster on the drawer side.

Tilt adjustment



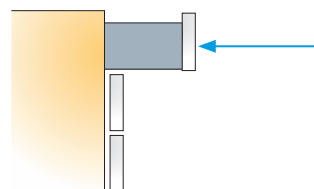
Tilt adjustment is done by rotating the yellow coloured cam adjuster on the drawer side.

Tekform Slimline+ Drawer Information

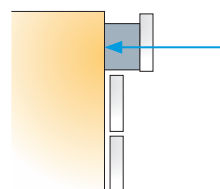
Key Design Choices

ConfidentClose

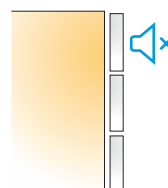
Fast closing



Late start of damping



Quiet landing

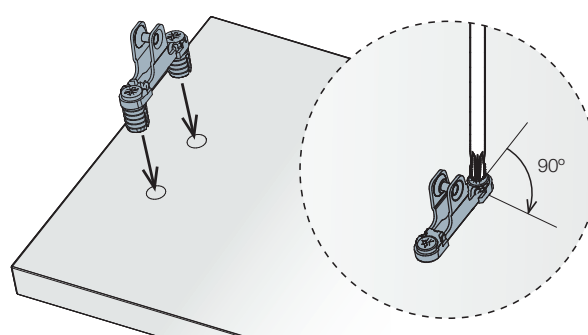


CAF Consumer Assembly Friendliness

EasyFix front panel connector with expandable dowels provides:

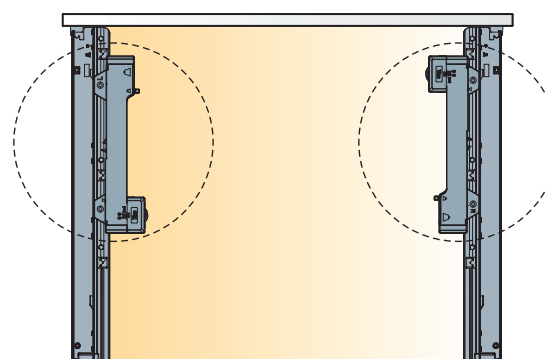
- Quick, toolless insertion
- Quarter turn lock
- Repeatable assembly and disassembly

Front connector



Compatible with Tacto push-opening system:

- For convenient, handle-free opening
- Same runner for both, standard and Tacto push-to-open applications
- The Tacto mechanism can be simply added as a retrofit option at any time after the drawer assembly
- For all drawers from a 300mm nominal length onwards



Titus Damper inside

Designed and produced in-house

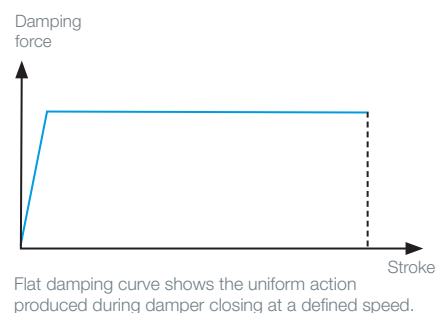
- Reliable and consistent lifelong damping
- Smooth closing
- Consistent damping performance guaranteed across high-volume production runs
- 100% automated quality check



Damping action

Even and smooth soft closing action

- Soft and reliable closing



Response to speed

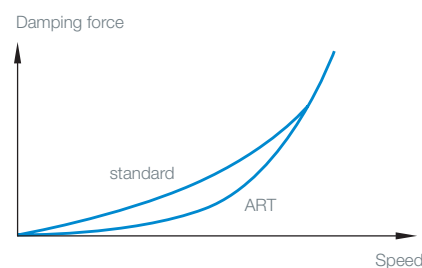
Response to speed defines the increase in damping force in relation to the closing speed of the damping object.

Standard

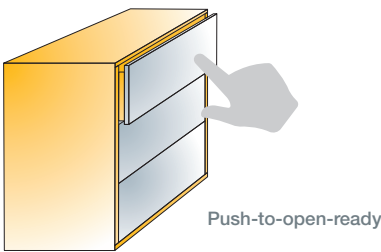
The damping force increase is approximately linear to the increasing speed of closing.

ART - Adaptive Response Technology

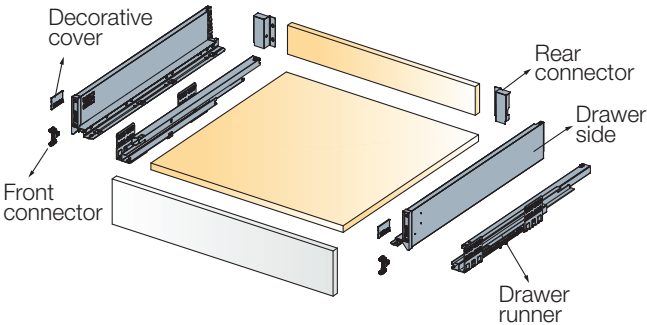
Adaptive Response Technology fine-tunes the damper's performance and damping force by adjusting to the drawer's weight and speed. It provides smooth and reliable damping at any closing speed, while reducing the force needed to open the drawer.



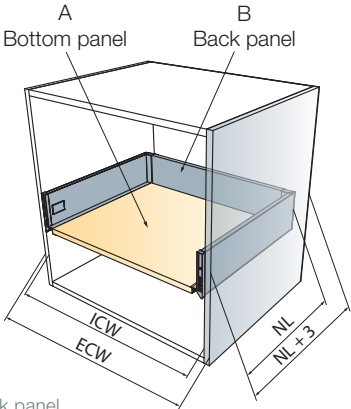
Tekform Slimline+ Drawer DW70



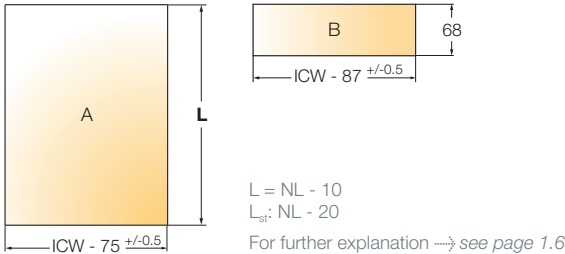
Tekform Slimline+Drawer DW70



Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
NL_{st}: Length in case of steel back panel



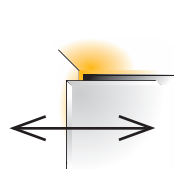
 4 sets

NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)				
			White	Anthracite
	Item number for a set	Item number for a set		
270	656-8T27 →	656-8E27 →	150	185
300	656-8T30 →	656-8E30 →	150	185
350	656-8T35 →	656-8E35 →	150	185
400	656-8T40 →	656-8E40 →	150	185
450	656-8T45 →	656-8E45 →	150	185
500	656-8T50 →	656-8E50 →	150	185
550	656-8T55 →	656-8E55 →	150	185
One set consists of				
Drawer sides			2 pcs	
Drawer runners			2 pcs	
*Front connectors			2 pcs	
Rear connectors			2 pcs	
Decorative covers			2 pcs	
Mounting instructions			1 pc/4 sets	

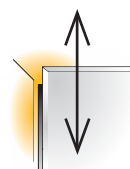
*Front connector type depends on the item number selected.

- Drawer runner type
- Load capacity
- Minimum height space required
- Wooden back panel thickness
- Wooden bottom panel thickness

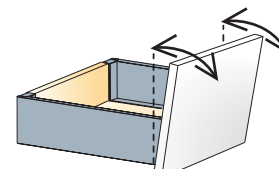
full extension
40 kg
115mm
16mm
16mm



Side
adjustment
+1.5/-1.5 mm



Height
adjustment
+1.5/-1.5 mm



Tilt
adjustment



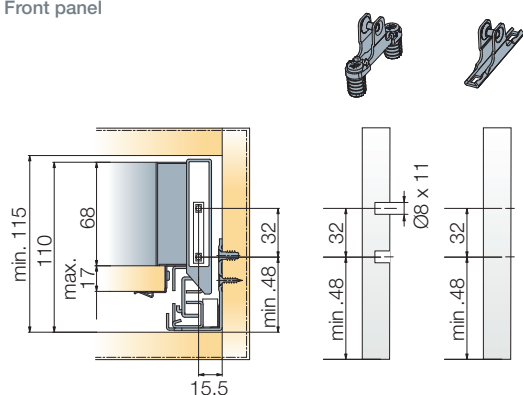
Works with
Tacto Push Opening Mechanism
→ see page 1.19

For further explanation → see page 1.8

Installation dimensions and drillings

Drawer runner fixing positions

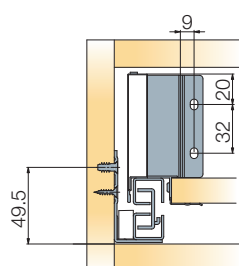
Front panel



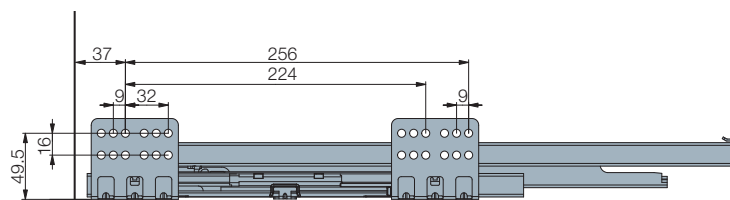
NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



Back panel



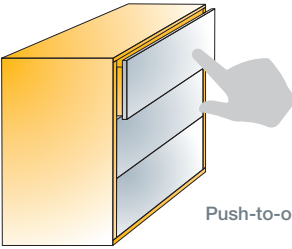
NL=500mm
NL=550mm



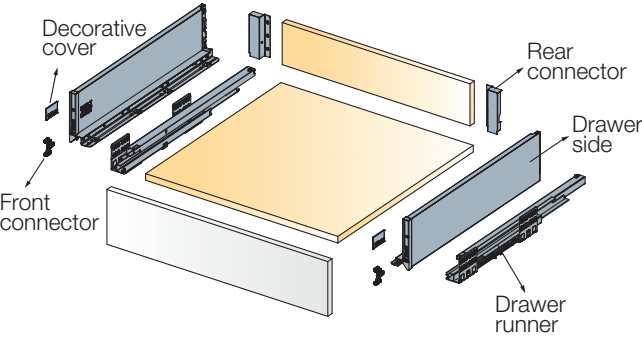
Assembly instructions, adjustments



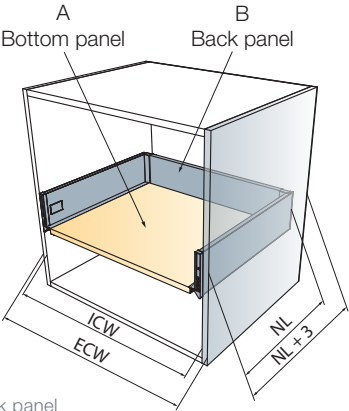
Tekform Slimline+ Drawer DW100



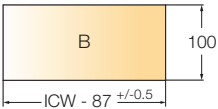
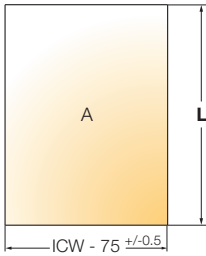
Tekform Slimline+Drawer DW100



Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
NL_{st}: Length in case of steel back panel



$L = NL - 10$
 $L_{st} = NL - 20$
For further explanation → see page 1.6



4 sets

NL	with EasyFix front connector	with Screw-in front connector			
Nominal length (mm)					
	Item number for a set	Item number for a set	White	Anthracite	
	270	656-8U27 →	656-8F27 →	150	185
	300	656-8U30 →	656-8F30 →	150	185
	350	656-8U35 →	656-8F35 →	150	185
	400	656-8U40 →	656-8F40 →	150	185
	450	656-8U45 →	656-8F45 →	150	185
	500	656-8U50 →	656-8F50 →	150	185
	550	656-8U55 →	656-8F55 →	150	185
One set consists of					
Drawer sides		 2 pcs			
Drawer runners		 2 pcs			
*Front connectors		 2 pcs			
Rear connectors		 2 pcs			
Decorative covers		 2 pcs			
Mounting instructions		 1 pc/4 sets			

Push opening

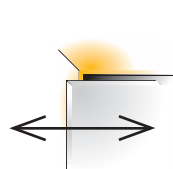


Tacto Slimline Mechanism
→ see page 1.19

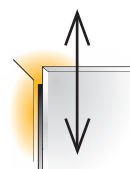
*Front connector type depends on the item number selected.

- Drawer runner type
- Load capacity
- Minimum height per drawer required
- Wooden back panel thickness
- Wooden bottom panel thickness

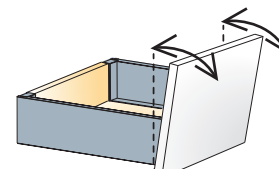
full extension
40 kg
147mm
16mm
16mm



Side
adjustment
+1.5/-1.5 mm



Height
adjustment
+1.5/-1.5 mm



Tilt
adjustment



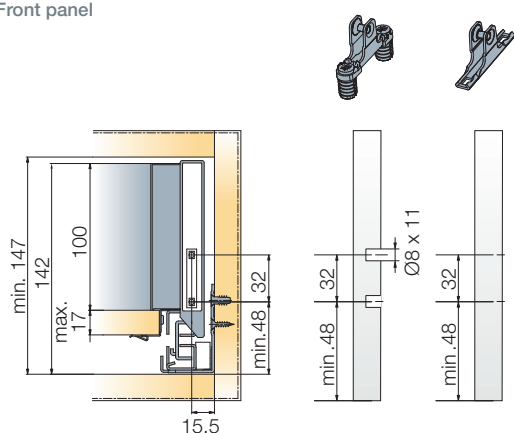
Works with
Tacto Push Opening Mechanism
→ see page 1.19

For further explanation → see page 1.8

Installation dimensions and drillings

Drawer runner fixing positions

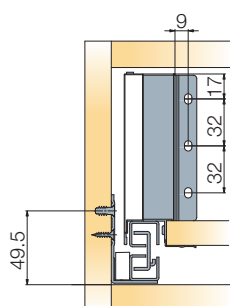
Front panel



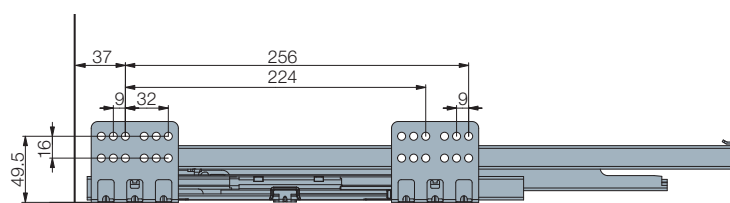
NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



Back panel



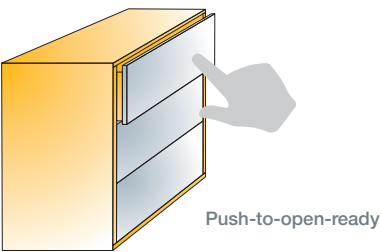
NL=500mm
NL=550mm



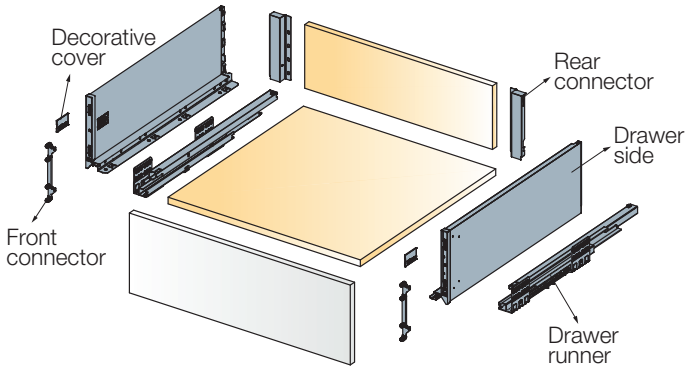
Assembly instructions, adjustments



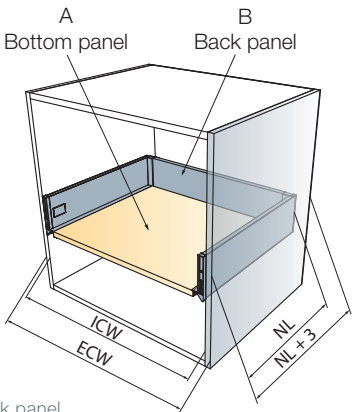
Tekform Slimline+ Drawer DW145



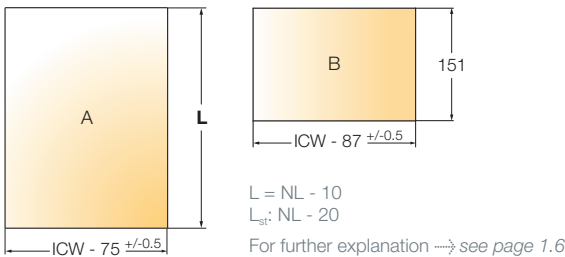
Tekform Slimline+Drawer DW145



Cutting dimensions details



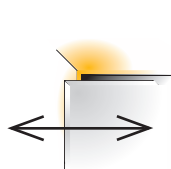
ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel



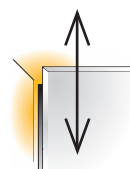
NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)				
	Item number for a set	Item number for a set	White	Anthracite
	270	656-8V27 → 656-8G27 →	150	185
	300	656-8V30 → 656-8G30 →	150	185
	350	656-8V35 → 656-8G35 →	150	185
	400	656-8V40 → 656-8G40 →	150	185
	450	656-8V45 → 656-8G45 →	150	185
	500	656-8V50 → 656-8G50 →	150	185
	550	656-8V55 → 656-8G55 →	150	185
One set consists of				
Drawer sides			2 pcs	
Drawer runners			2 pcs	
*Front connectors			2 pcs	
Rear connectors			2 pcs	
Decorative covers			2 pcs	
Mounting instructions			1 pc/4 sets	

- Drawer runner type
- Load capacity
- Minimum height per drawer required
- Wooden back panel thickness
- Wooden bottom panel thickness

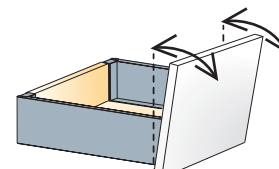
full extension
40 kg
198mm
16mm
16mm



Side
adjustment
+1.5/-1.5 mm



Height
adjustment
+1.5/-1.5 mm



Tilt
adjustment



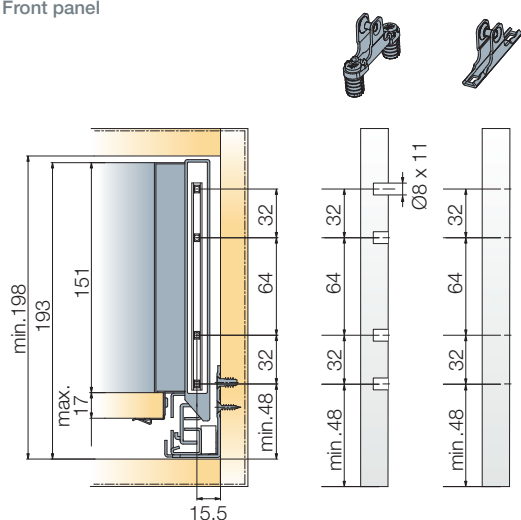
Works with
Tacto Push Opening Mechanism
→ see page 1.19

For further explanation → see page 1.8

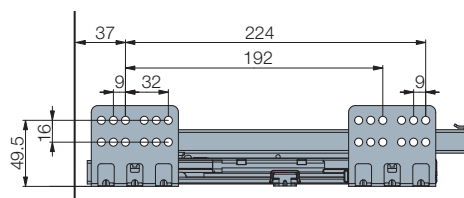
Installation dimensions and drillings

Drawer runner fixing positions

Front panel

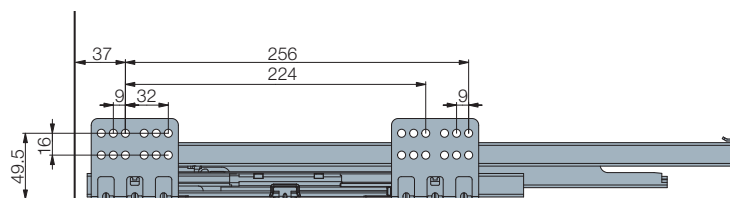
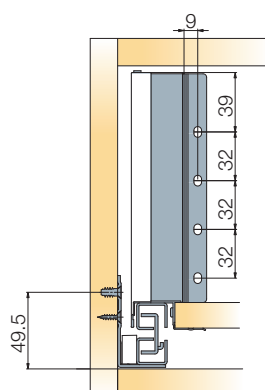


NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



NL=500mm
NL=550mm

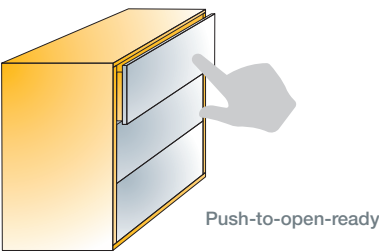
Back panel



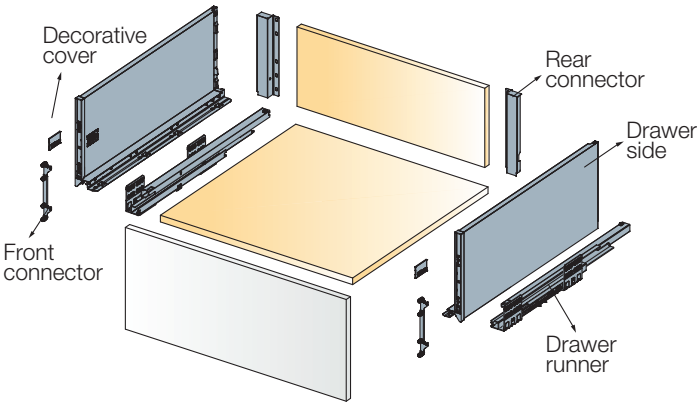
Assembly instructions, adjustments



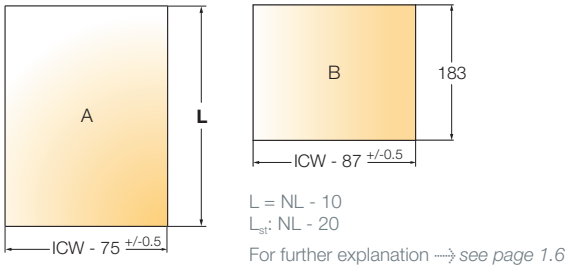
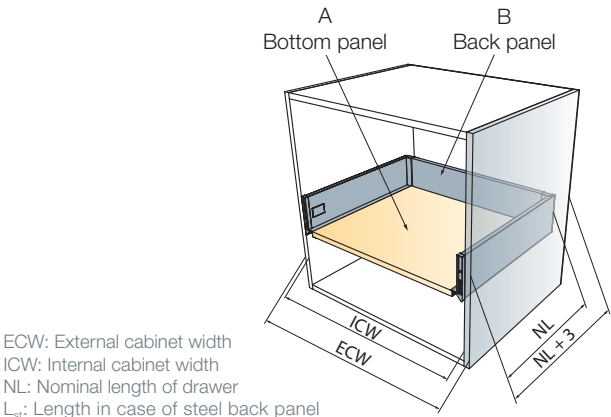
Tekform Slimline+ Drawer DW182



Tekform Slimline+Drawer DW182



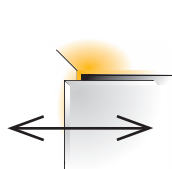
Cutting dimensions details



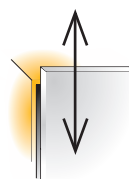
NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)				
			White	Anthracite
	Item number for a set	Item number for a set		
270	656-8Z27 →	656-8H27 →	150	185
300	656-8Z30 →	656-8H30 →	150	185
350	656-8Z35 →	656-8H35 →	150	185
400	656-8Z40 →	656-8H40 →	150	185
450	656-8Z45 →	656-8H45 →	150	185
500	656-8Z50 →	656-8H50 →	150	185
550	656-8Z55 →	656-8H55 →	150	185
One set consists of				
Drawer sides			2 pcs	
Drawer runners			2 pcs	
*Front connectors			2 pcs	
Rear connectors			2 pcs	
Decorative covers			2 pcs	
Mounting instructions			1 pc/4 sets	

- Drawer runner type
- Load capacity
- Minimum height per drawer required
- Wooden back panel thickness
- Wooden bottom panel thickness

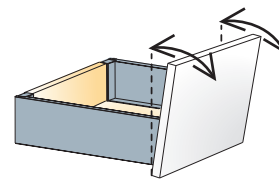
full extension
40kg
230mm
16mm
16mm



Side
adjustment
+1.5/-1.5 mm



Height
adjustment
+1.5/-1.5 mm



Tilt
adjustment



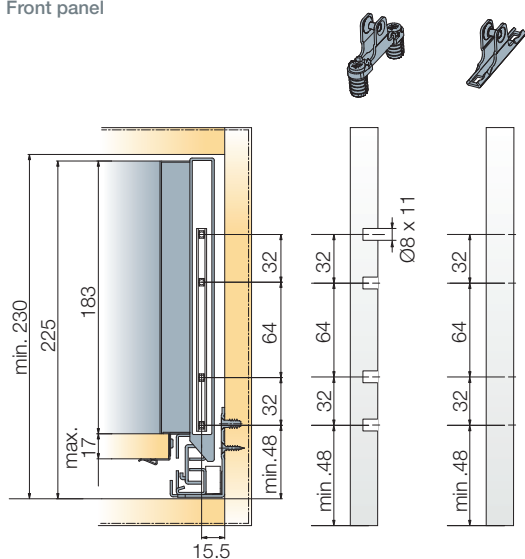
Works with
Tacto Push Opening Mechanism
.....> see page 1.19

For further explanation → see page 1.8

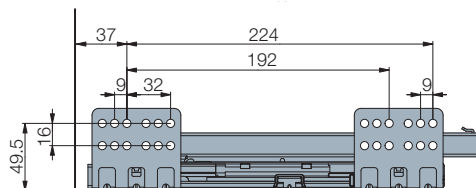
Installation dimensions and drillings

Drawer runner fixing positions

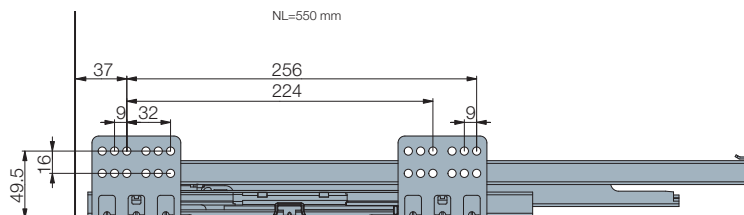
Front panel



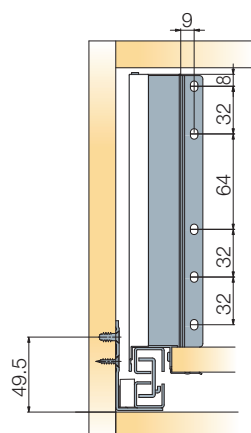
NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



NL=500mm
NL=550mm



Back panel



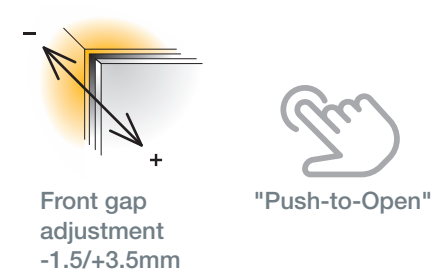
Assembly instructions, adjustments



*A trial mounting is always recommended.
For further information please contact your
Titus Group representative.*

Accessories

Tacto Push Opening Mechanism



- Intuitive mounting
- One-for-all – One item fits all Slimline+ drawers
- Easily adjustable push-to-open activation with only 1.5mm gap to operate
- Easy opening, reliable closing



Tacto 2.0

Technical details

Item number for set

656-9220-383-K1



One set consists of

PushOpen Mechanism



2 pcs

Tacto Activator



2 pcs

Chipboard screws

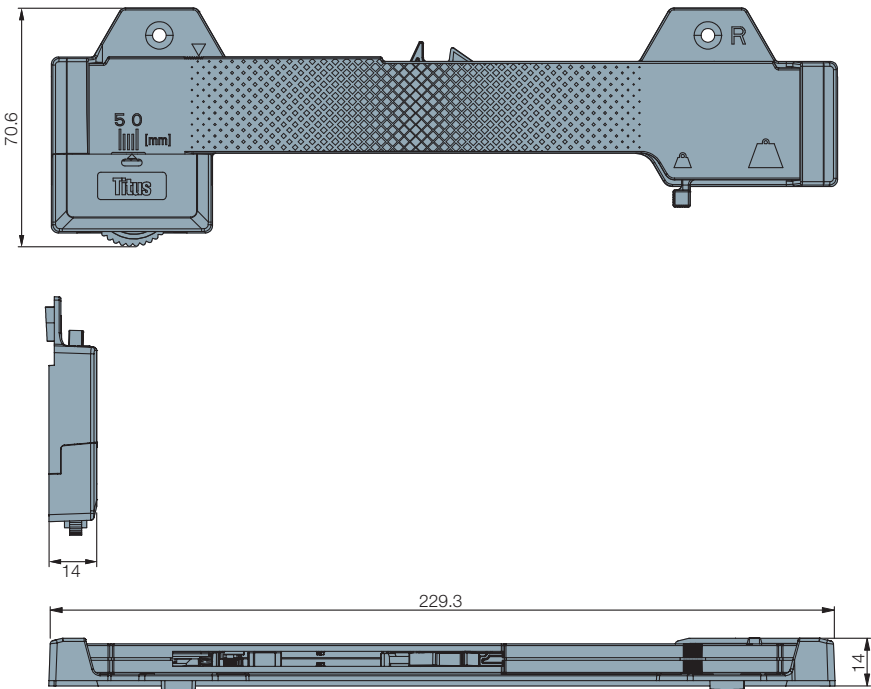


4 pcs/set

Mounting instructions



1 pc/set



Assembly instructions, adjustments

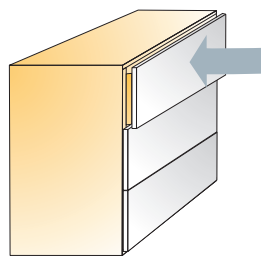


30 sets


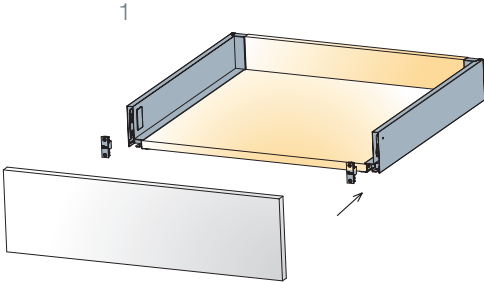
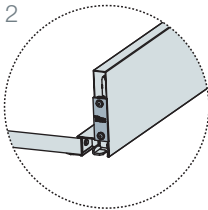


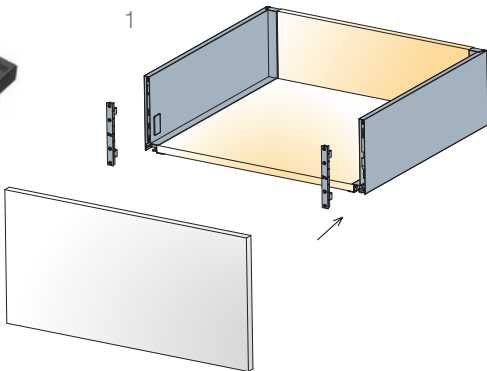
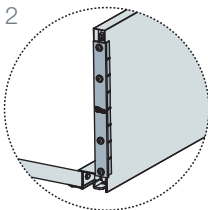

Made of plastic

Accessories

Marking Jig

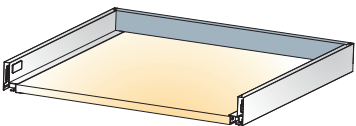


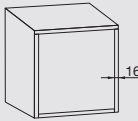
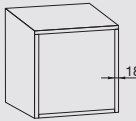




Tekform Slimline+ Drawer

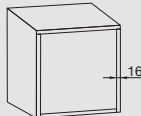
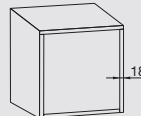




		Item number	Black
Marking jig for Tekform Slimline+ drawer DW70 and DW100		656-9339	390
<div>  <div> <div>1</div>  <div>2</div>  </div> </div>			
 1 set Made of plastic and steel			
Marking jig for Tekform Slimline+ drawer DW145 and DW182		656-9340	390
<div>  <div> <div>1</div>  <div>2</div>  </div> </div>			
 1 set Made of plastic and steel			

Accessories

Steel Back Panel



	ECW	Cabinet side thickness 16mm	Cabinet side thickness 18mm		
	External cabinet width (mm)			White	Anthracite
<div>Steel back panel DW70</div> 	300	655-7L01	655-7L30	150	185
	400	655-7L02	655-7L40	150	185
	500	655-7L03	655-7L50	150	185
	600	655-7L04	655-7L60	150	185
	700	655-7L05	655-7L70	150	185
	800	655-7L06	655-7L80	150	185
	900	655-7L07	655-7L90	150	185
	1000	655-7L08	655-7L10	150	185
	1200	655-7L09	655-7L12	150	185
<div> 10 pcs</div> <div>Made of steel</div>					
<div>Steel back panel DW100</div> 	300	655-7F01	655-7F30	150	185
	400	655-7F02	655-7F40	150	185
	500	655-7F03	655-7F50	150	185
	600	655-7F04	655-7F60	150	185
	700	655-7F05	655-7F70	150	185
	800	655-7F06	655-7F80	150	185
	900	655-7F07	655-7F90	150	185
	1000	655-7F08	655-7F10	150	185
	1200	655-7F09	655-7F12	150	185
<div> 10 pcs</div> <div>Made of steel</div>					

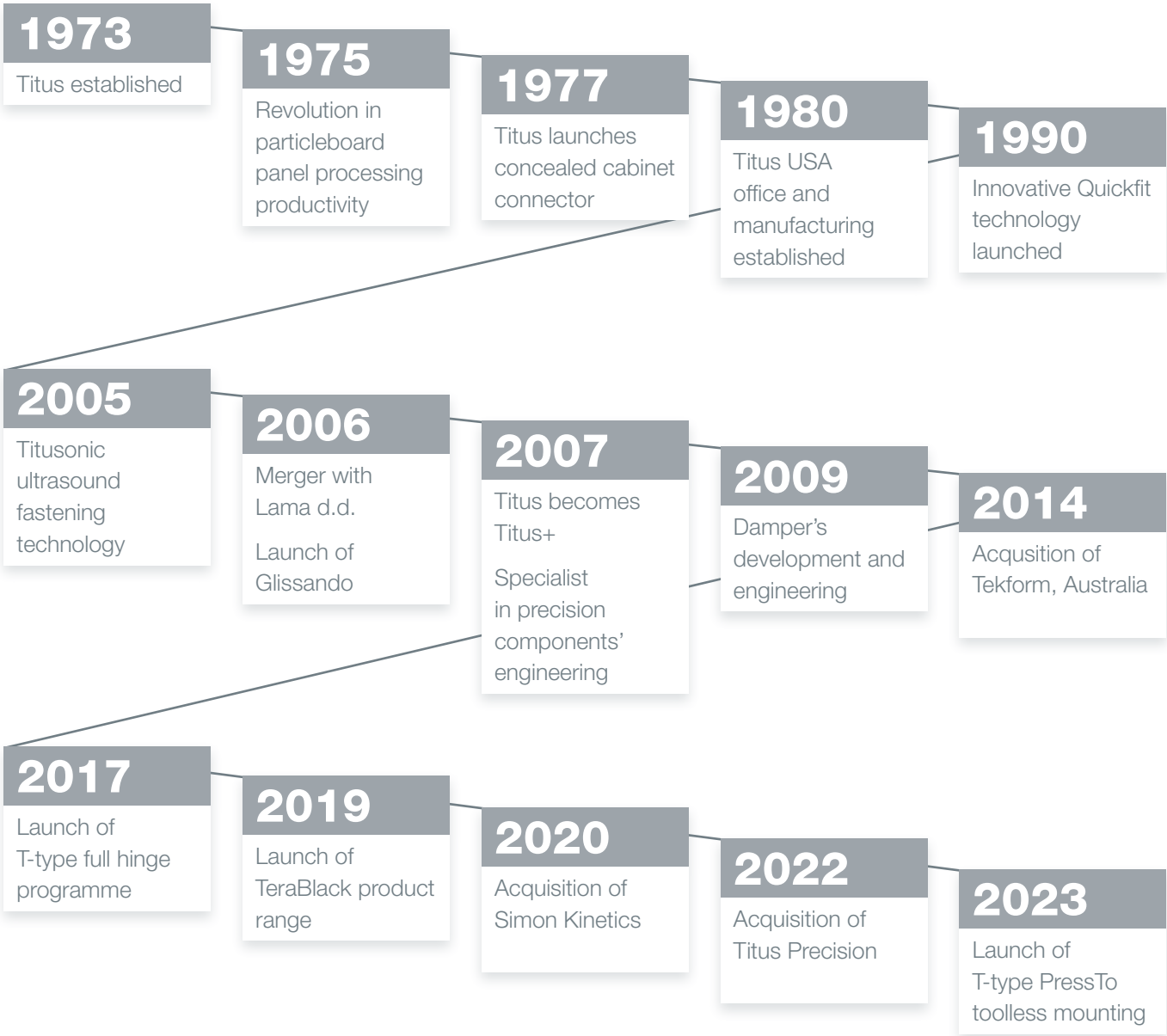
	ECW	Cabinet side thickness 16mm	Cabinet side thickness 18mm		
	External cabinet width (mm)				
				White	Anthracite
Steel back panel DW145 	300	655-7M01	655-7M30	150	185
	400	655-7M02	655-7M40	150	185
	500	655-7M03	655-7M50	150	185
	600	655-7M04	655-7M60	150	185
	700	655-7M05	655-7M70	150	185
	800	655-7M06	655-7M80	150	185
	900	655-7M07	655-7M90	150	185
	1000	655-7M08	655-7M10	150	185
	1200	655-7M09	655-7M12	150	185
 10 pcs Made of steel					
Steel back panel DW182 	300	655-7H01	655-7H30	150	185
	400	655-7H02	655-7H40	150	185
	500	655-7H03	655-7H50	150	185
	600	655-7H04	655-7H60	150	185
	700	655-7H05	655-7H70	150	185
	800	655-7H06	655-7H80	150	185
	900	655-7H07	655-7H90	150	185
	1000	655-7H08	655-7H10	150	185
	1200	655-7H09	655-7H12	150	185
 10 pcs Made of steel					

The Titus Group Profile

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

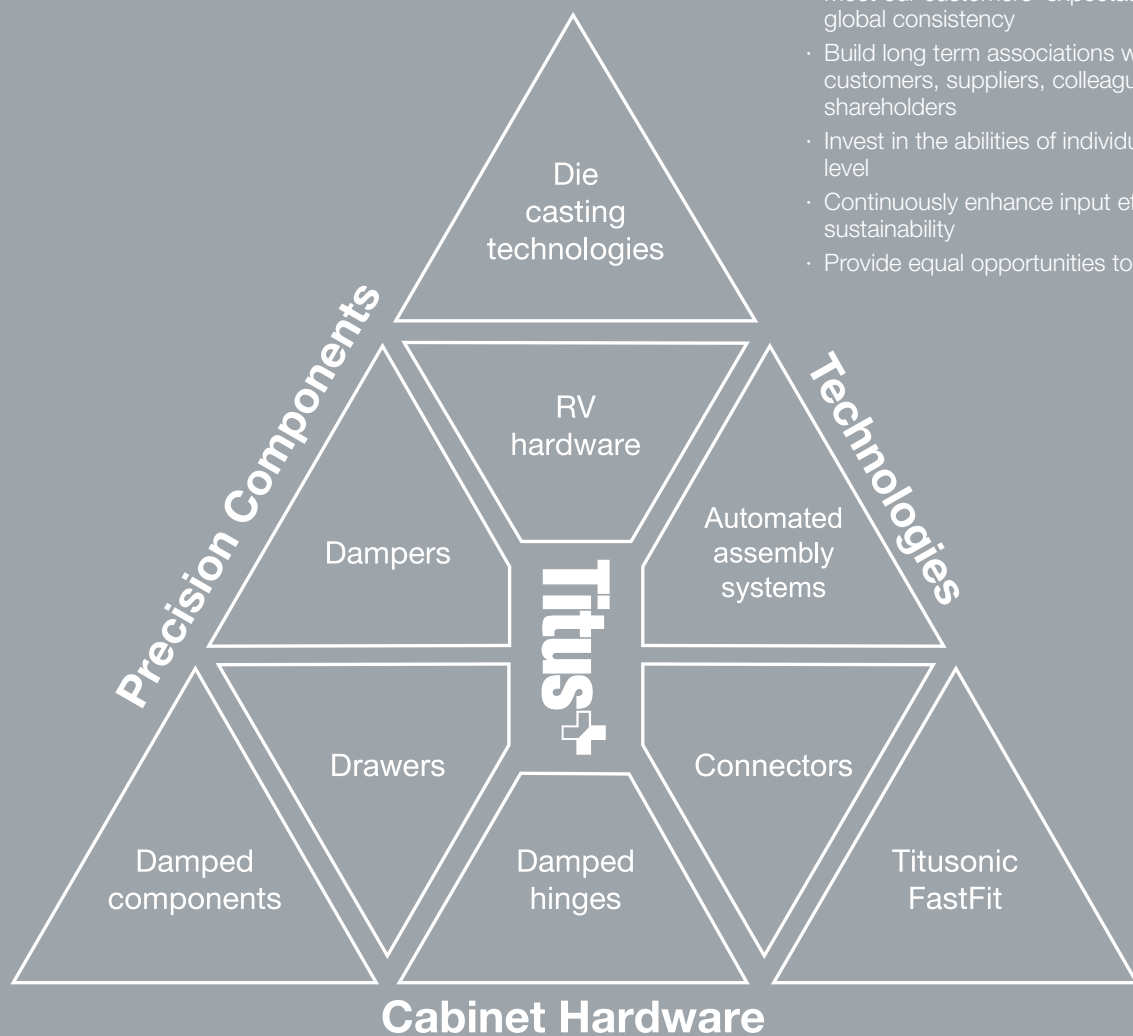
To be the world's best in engineering for precision components

Mission

To provide manufacturers with component solutions that improve their competitiveness

Titus Business Principles

- Gain total knowledge of our customers and their markets
- Focus on identifying and creating high volume component niches
- Meet our customers' expectations with global consistency
- Build long term associations with customers, suppliers, colleagues and shareholders
- Invest in the abilities of individuals at every level
- Continuously enhance input efficiency and sustainability
- Provide equal opportunities to all



Cabinet Hardware

- Cabinet connectors
- Concealed hinges
- Damping mechanisms
- Kitchen drawers and accessories
- RV hardware

Damping and Kinetics

Hydraulic dampers and Slidix mechanisms for custom applications in home equipment

Titus Technologies

- Automated assembly systems
- Die casting technologies
- Titusonic - Ultrasound fastening
- FastFit insertion technology

'Totally Integrated Engineering'

Product Design

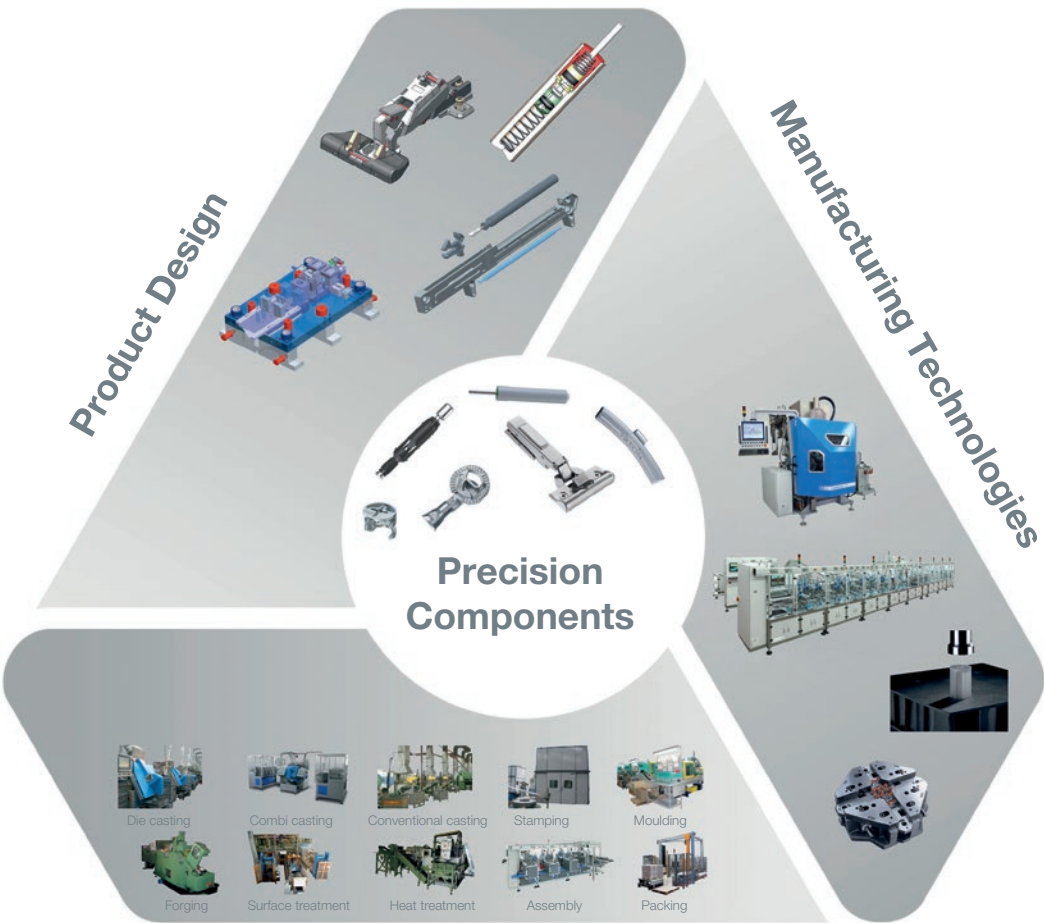
Design and engineering of unique components
Consistent and repeatable product quality

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



Manufacturing Operations

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

Continuous Improvement

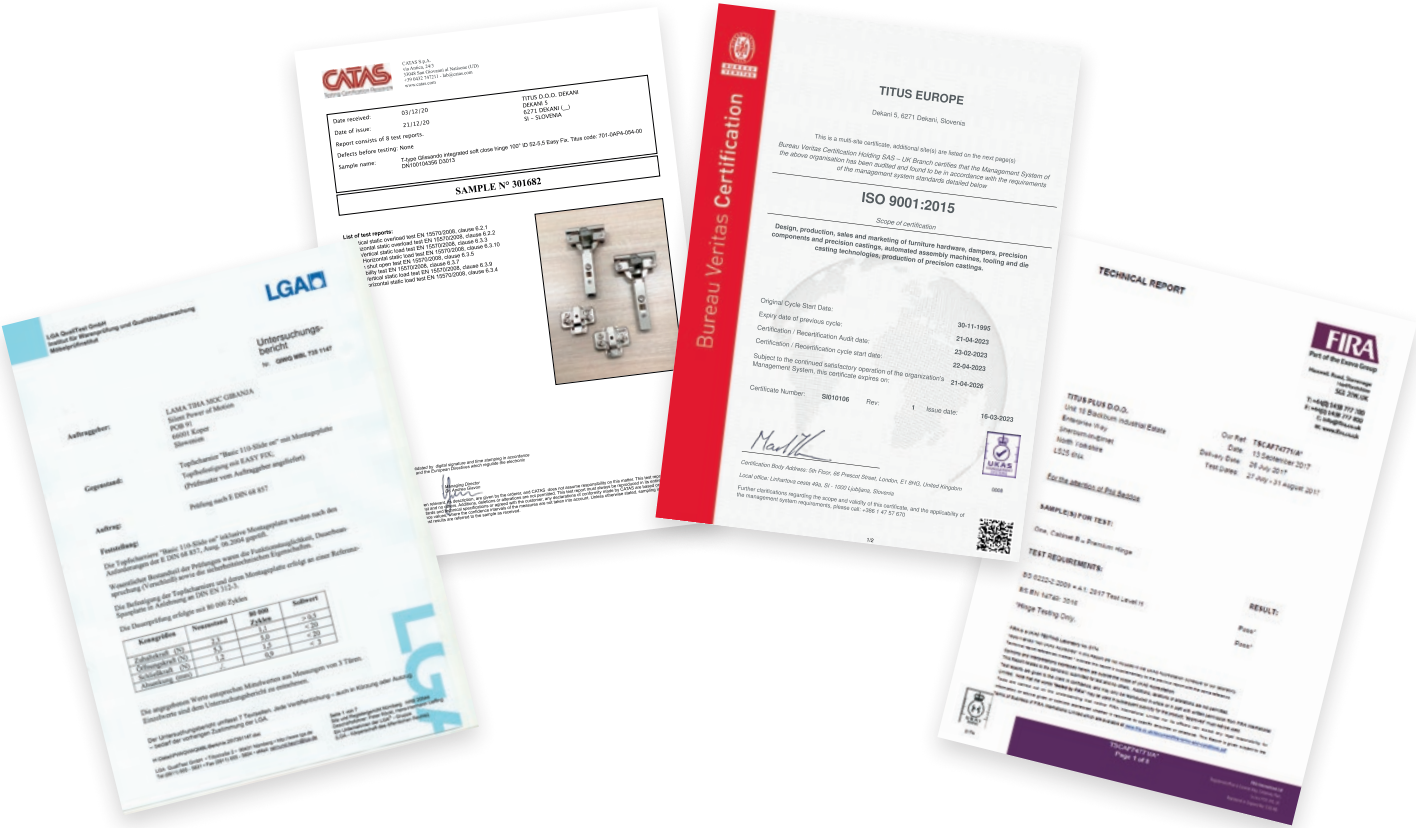
The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

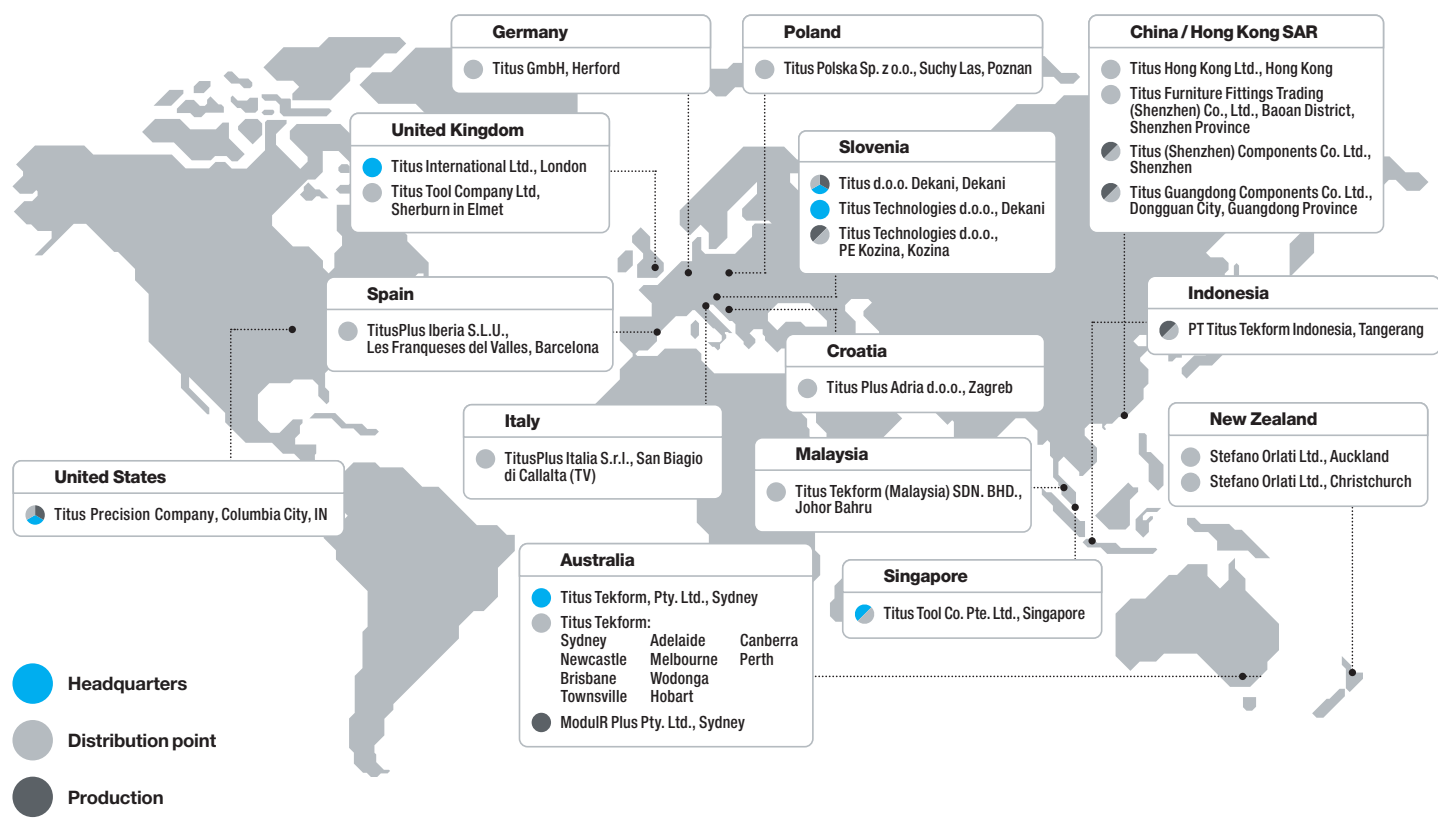
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

Products

Our integrated quality system produces technically optimized 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, CTBA from France, FIRA from United Kingdom, CATAS from Italy, AIDIMA from Spain, and others.



Worldwide Design, Manufacturing and Distribution Capabilities



www.titusplus.com

Notes

Notes

Your authorized dealer