Titus Group
Technical Catalogue
and Manual



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

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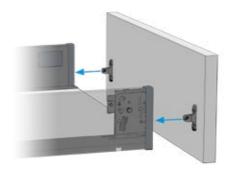
Non-preferred articles

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

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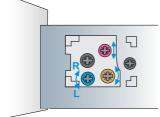
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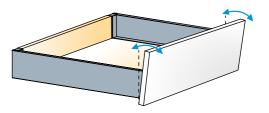
Swift assembly with enhanced front panel engagement

 Improved front panel connection ensures secure engagement and effortless disengagement



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

- \cdot Intuitive mounting without pre-drilling
- One-for-all: one mechanism for all Tekform Slimline+ drawers from 350mm 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	Side material	Drawer type	
Tekform Slimline+ drawer DW70	Metal	Soft closing Push-to-open compatible	1.11
Tekform Slimline+ drawer DW100	Metal	Soft closing Push-to-open compatible	1.13
Tekform Slimline+ drawer DW145	Metal	Soft closing Push-to-open compatible	1.15
Tekform Slimline+ drawer DW182	Metal	Soft closing Push-to-open compatible	1.17

Page **Inner Drawer Front for Tekform Slimline+ Drawer** Inner Drawer Front for 1.19 Tekform Slimline+ Drawer **DW70** 1.21 Inner drawer front for Tekform Slimline+ Drawer DW145 with bar Inner drawer front for 1.23 Tekform Slimline+ drawer DW182 with bar Accessories Tacto push opening mechanism 1.25 Marking jig 1.26 Steel back panel 1.27

Tekform Slimline+ Drawer

Information

Technical Guide

How to choose the appropriate drawer dimension?

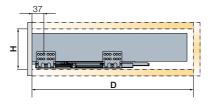
Select the drawer size based on the available cabinet space. Please refer to the chart below, which indicates the

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		



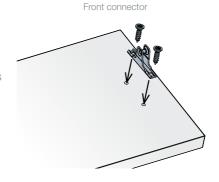
How to fix drawer sides to the front panel?



Screw-in front connector

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

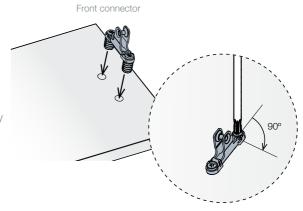
- · reliable connection
- · fixing with Ø3.5x15mm screws (screws are not included)





EasyFix front connector

- · hand insertion
- $\cdot \ \text{quarter turn locking system} \\$
- $\cdot \text{ expandable dowel}$
- easy assembly and disassembly of front panel



Planning

Bottom panel and back panel cutting dimensions

Dimensions of bottom and back panel depends on:

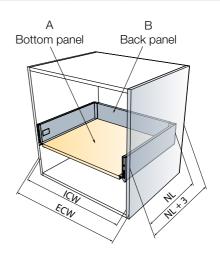
- · cabinet width
- · nominal drawer length
- · drawer height

NL = Tekform Slimline+ drawer nominal length (mm)

NL	270	300	350	400	450	500	550

Cabinet width

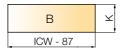
ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer



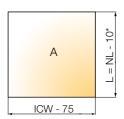
Back panel cutting dimensions

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

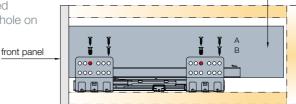
Technical Guide

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.

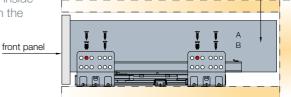


side panel

side panel

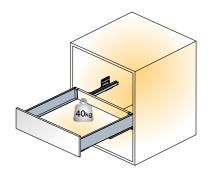
Tekform Slimline+ drawer front positioned inside the carcass

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



Load capacity

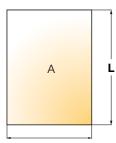
Drawer load capacity is 40 kg.



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



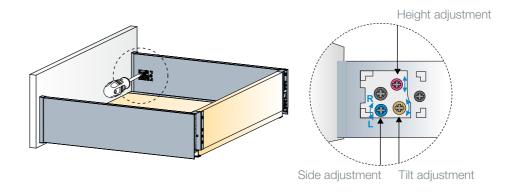
bottom panel width tolerance +/- 1mm

Adjustments

How to adjust the drawer front panel?

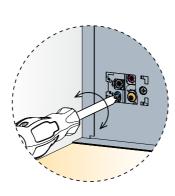
The Tekform Slimline+ drawer offers effortless three-dimensional front panel alignment, providing convenient access for side, height, and tilt adjustment positioned

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.

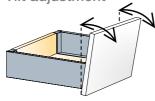
Height adjustment

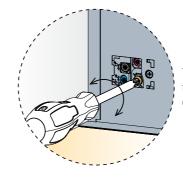




Height adjustment is done by rotating the red coloured cam adjuster on the drawer side.

Tilt adjustment





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

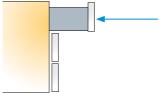
Tekform Slimline+ Drawer

Information

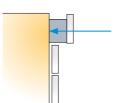
Key Design Choices

ConfidentClose

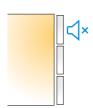
Fast closing



Late start of damping



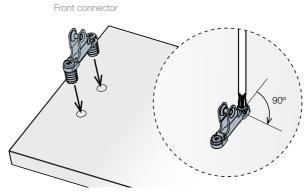
Quiet landing



CAF Consumer Assembly Friendliness

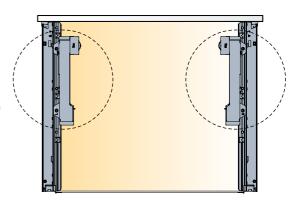
EasyFix front panel connector with expandable dowels provides:

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



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 350mm nominal length onwards



Titus Damper inside

Designed and produced in-house

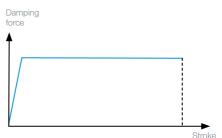
- · Reliable and consistent lifelong damping
- · Smooth closing
- Consistent damping performance guaranteed across high-volume production runs
- · 100% automated quality check



Damping action

Even and smooth soft closing action

· Soft and reliable closing



Flat damping curve shows the uniform action produced during damper closing at a defined speed.

Response to speed

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

Standard

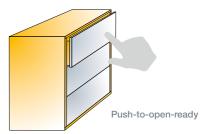
The damping force increase is approximately linear to the increasing speed of closing.

ART - Adaptive Response Technology Adaptive Response Technology fine-tunes

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

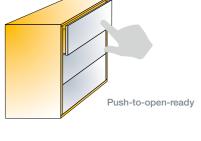


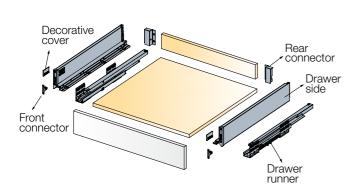
with Screw-in front connector

NL

minal length (mm)

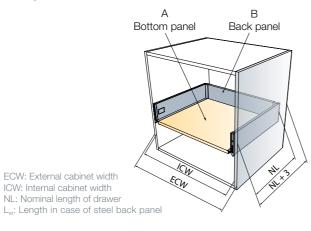






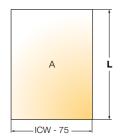
No	Item number for a set	₹	Ant
270	656-8352>	150	185
300	656-8353 →	150	185
350	656-8354 →	150	185
400	656-8356>	150	185
450	656-8357 →	150	185
500	656-8358 →	150	185
550	656-8359 →	150	185

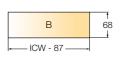
Cutting dimensions details



One set consists of	
Drawer sides	2 pcs

Drawer runners 2 pcs Front connectors 2 pcs Rear connectors 2 pcs 2 pcs Decorative covers 1 pc/4 sets Mounting





L = NL - 10 L_{st}: NL - 20

For further explanation ----> see page 1.6







instructions

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

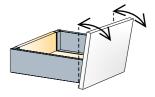








Height adjustment +1.5/-1.5 mm



Tilt adjustment

For further explanation ---- see page 1.8



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

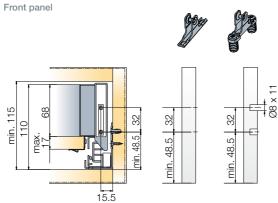
Installation dimensions and drillings

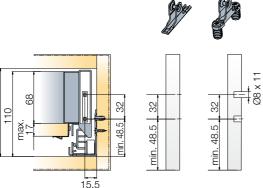
Drawer runner fixing positions

NL=270mm

NL=300mm

NL=350mm





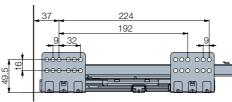


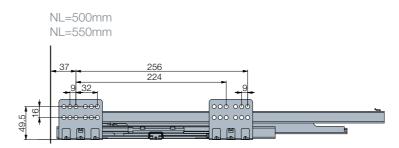


Chipboard screw Ø3.5 x 15

Ø6.3 x 13

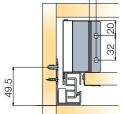
NL=400mm NL=450mm 192







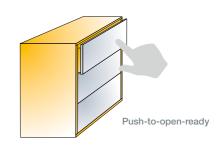
Back panel



Assembly instructions, adjustments

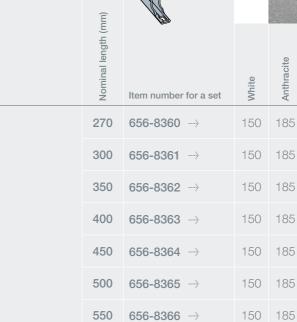


Tekform Slimline+ Drawer DW100



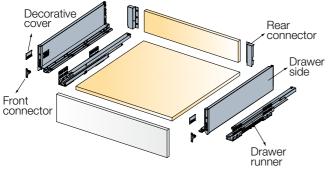




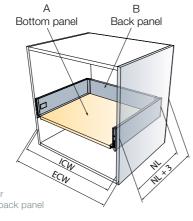


with Screw-in front connector

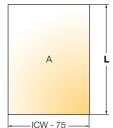
NL

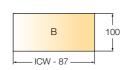


Cutting dimensions details

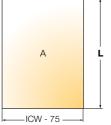


ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer Lat. Length in case of steel ba	ick panel	**************************************
L _{st} . Length in case of steel ba	ick parier	,





L = NL - 10 L_{st}: NL - 20













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

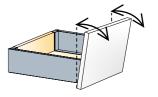








Height adjustment +1.5/-1.5 mm



Tilt adjustment

For further explanation ---- see page 1.8



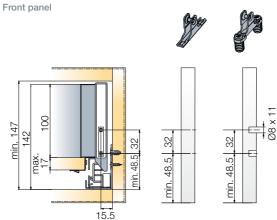
Works with Tacto Push Opening Mechanism -----> see page 1.19

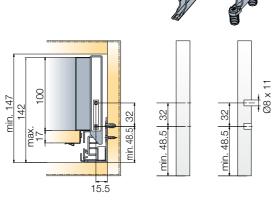
Installation dimensions and drillings

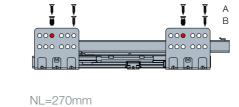
Drawer runner fixing positions

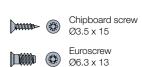
NL=300mm

NL=350mm

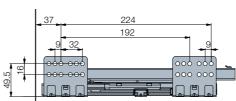


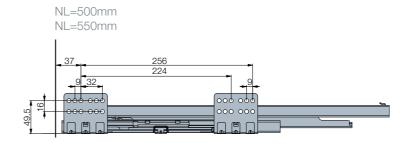




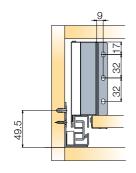


NL=400mm NL=450mm 192





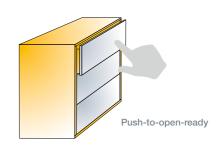
Back panel



Assembly instructions, adjustments



Tekform Slimline+ Drawer DW145



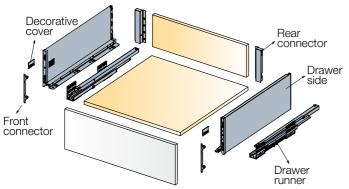




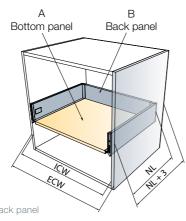
Nominal len	Item number for a set	White	Anthracite
270	656-8367>	150	185
300	656-8368>	150	185
350	656-8369 ->	150	185
400	656-8370 →	150	185
450	656-8371 ->	150	185
500	656-8372 ->	150	185
550	656-8373 →	150	185

with Screw-in front connector

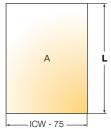
NL

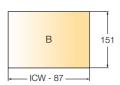


Cutting dimensions details

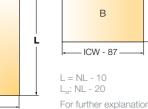


ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer $L_{\rm st}$: Length in case of steel bac	ich Ecw ek panel	**************************************
		_

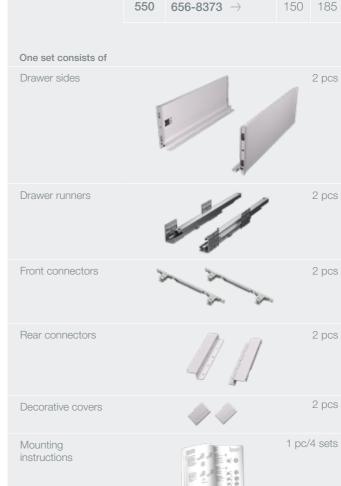




For further explanation —> see page 1.6















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



16mm

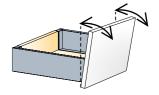


Side

+1.5/-1.5 mm







Height adjustment +1.5/-1.5 mm

Tilt adjustment





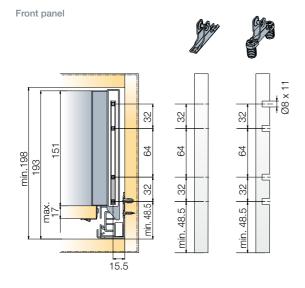
Works with Tacto Push Opening Mechanism -----> see page 1.19

Installation dimensions and drillings

Drawer runner fixing positions

NL=270mm

NL=300mm NL=350mm

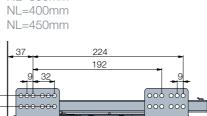


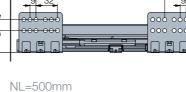




Chipboard screw Ø3.5 x 15

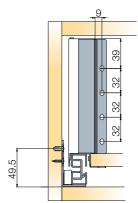
Euroscrew Ø6.3 x 13





NL=550mm

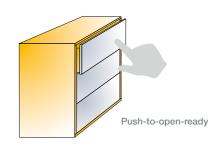
Back panel



Assembly instructions, adjustments



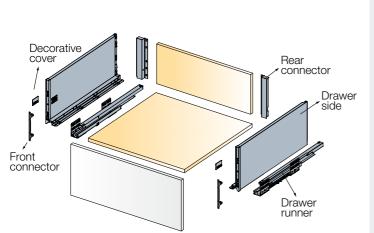
Tekform Slimline+ Drawer DW182



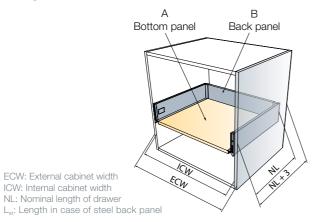
with Screw-in front connector

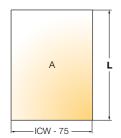
NL

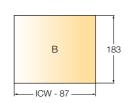




Cutting dimensions details







L = NL - 10L_{st}: NL - 20

For further explanation ---> see page 1.6



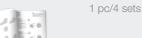




Front connectors		2 pcs
Rear connectors	11	2 pcs
Decembring		2 ncs

Decorative covers	♦	2 pcs	
Mounting		1 pc/4 sets	











instructions

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

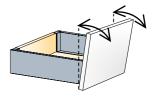








Height adjustment +1.5/-1.5 mm



Tilt adjustment

For further explanation ---- see page 1.8

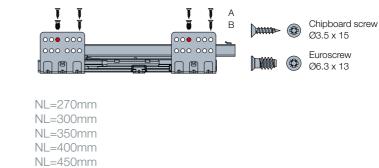


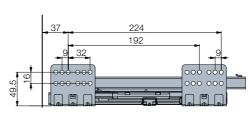
Works with Tacto Push Opening Mechanism → see page 1.19

Installation dimensions and drillings

Drawer runner fixing positions

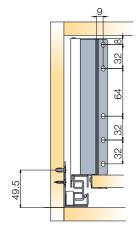
Front panel 32 32 32 183 min. 230 225 64 64 64 32 min. 48.5 32 min. 48.5 32 min. 48.5 max. 15.5

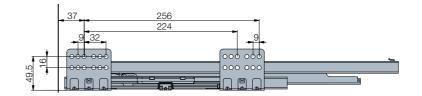




NL=500mm NL=550mm



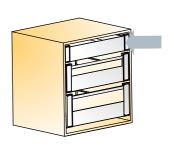


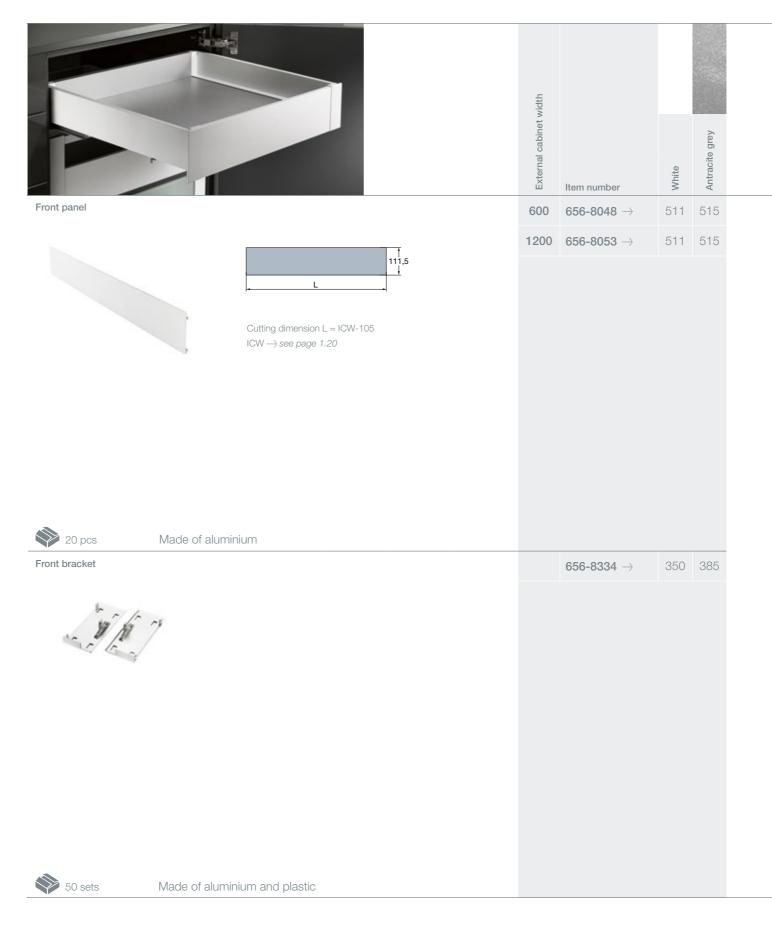


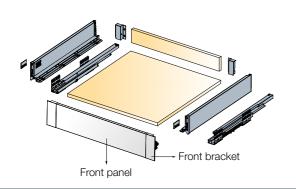
Assembly instructions, adjustments



Inner Drawer Front for Tekform Slimline+ DrawerDW70









Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm

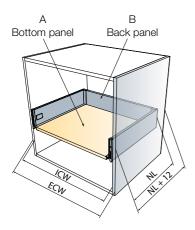
Tilt adjustment

For further explanation ---- see page 1.8

Installation dimensions

Drawer runner fixing positions

Cutting dimensions details



ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer





Chipboard screw Ø3.5 x 15

Euroscrew Ø6.3 x 13

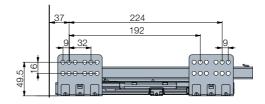
NL=270mm

NL=300mm

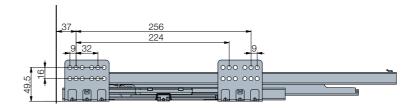
NL=350mm

NL=400mm

NL=450mm



NL=500mm NL=550mm

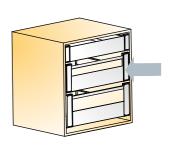


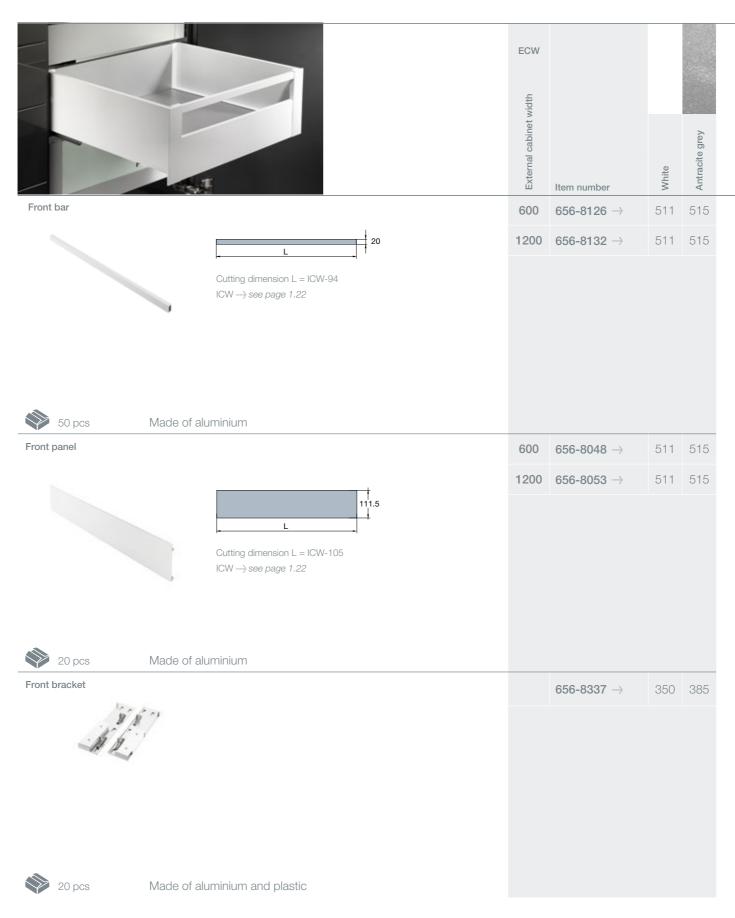
Assembly instructions, adjustments

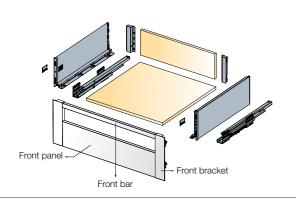


Inner Drawer Front for Tekform Slimline+ Drawer

DW145 with Bar









Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm

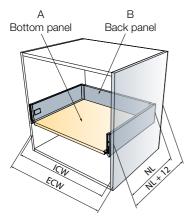
Tilt adjustment

For further explanation ---- see page 1.8

Installation dimensions

Drawer runner fixing positions

Cutting dimensions details



ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer





Chipboard screw Ø3.5 x 15

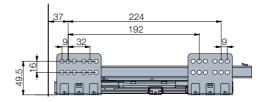


Euroscrew Ø6.3 x 13

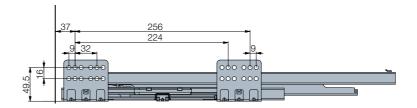
NL=270mm NL=300mm NL=350mm

NL=350mm NL=400mm

NL=450mm



NL=500mm NL=550mm

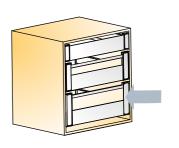


Assembly instructions, adjustments

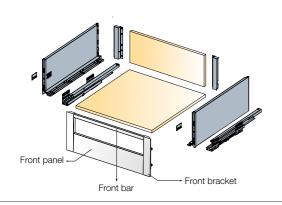


Inner Drawer Front for Tekform Slimline+ Drawer

DW182 with Bar









+1.5/-1.5 mm

Side

adjustment



Height adjustment +1.5/-1.5 mm

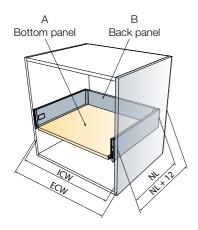
Tilt adjustment

For further explanation ---- see page 1.8

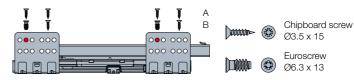
Installation dimensions

Drawer runner fixing positions

Cutting dimensions details

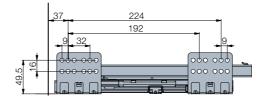


ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer

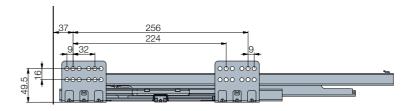


NL=270mm NL=300mm NL=350mm NL=400mm

NL=450mm



NL=500mm NL=550mm



Assembly instructions, adjustments



Accessories Tacto Push Opening Mechanism



Front gap adjustment -1.5/+3.5mm



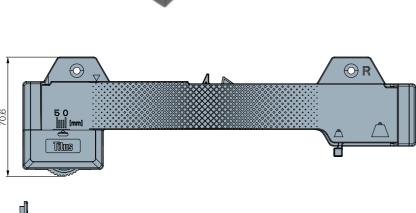
- · Intuitive mounting
- · One-for-all One item fits all Slimline+ drawers
- · Easily adjustable push-to-open activation with only 1.5mm gap to operate
- · Easy opening, reliable closing

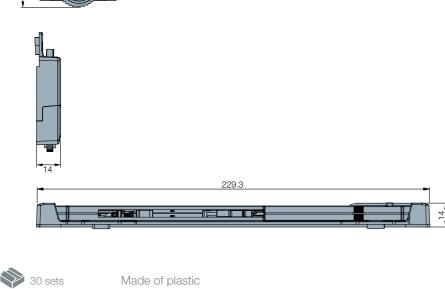


Technical details

Item number for set



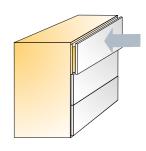


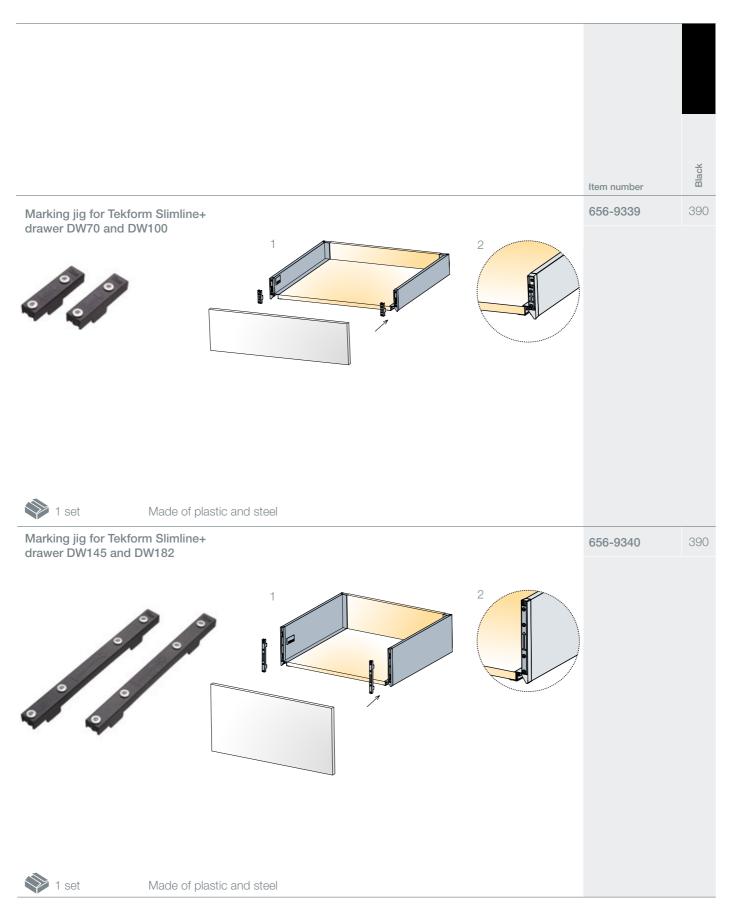




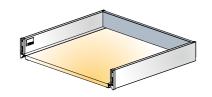


Accessories Marking Jig





Accessories Steel Back Panel



	Dinet	Cabinet side thickness 16mm	Cabinet side thickness 18mm		
	External cabinet width (mm)			White	Anthracite
Steel back panel DW70	300	655-7L01	655-7L30	150	185
		655-7L02	655-7L40	150	185
		655-7L03	655-7L50	150	185
		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
		655-7L08	655-7L10	150	185
	1200	655-7L09	655-7L12	150	185
10 pcs Made of steel					
Steel back panel DW100		655-7F01	655-7F30	150	185
		655-7F02	655-7F40	150	185
		655-7F03	655-7F50	150	185
		655-7F04	655-7F60	150	185
		655-7F05	655-7F70	150	185
		655-7F06	655-7F80	150	185
		655-7F07	655-7F90	150	185
		655-7F08	655-7F10	150	185
	1200	655-7F09	655-7F12	150	185
10 pcs Made of steel					

	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
		655-7M02	655-7M40	150	185
		655-7M03	655-7M50	150	185
		655-7M04	655-7M60	150	185
		655-7M05	655-7M70	150	185
	800	655-7M06	655-7M80	150	185
		655-7M07	655-7M90	150	185
		655-7M08	655-7M10	150	185
	1200	655-7M09	655-7M12	150	185
10 pcs Made of steel					
Steel back panel DW182		655-7H01	655-7H30	150	185
		655-7H02	655-7H40	150	185
		655-7H03	655-7H50	150	185
		655-7H04	655-7H60	150	185
		655-7H05	655-7H70	150	185
		655-7H06	655-7H80	150	185
		655-7H07	655-7H90	150	185
		655-7H08	655-7H10	150	185
		655-7H09	655-7H12	150	185
10 pcs Made of steel					



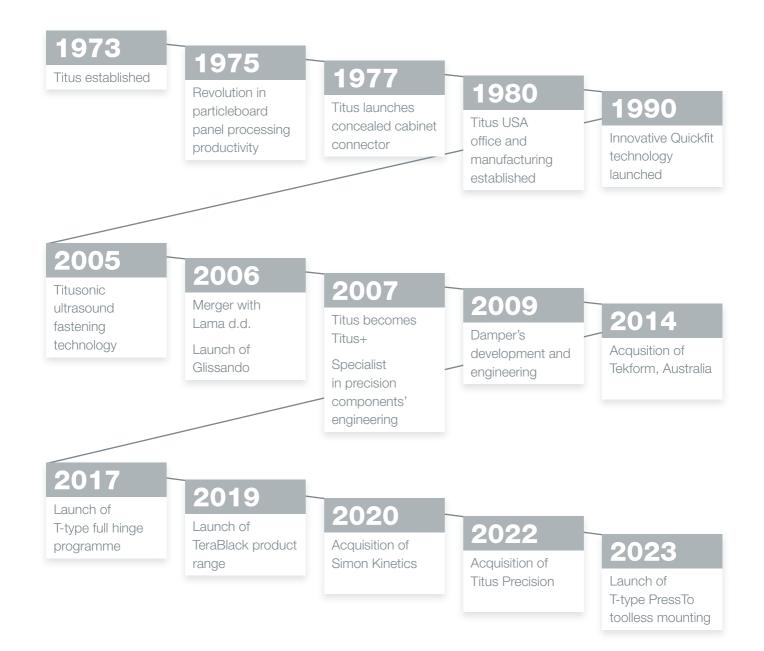
The Titus Group Profile

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.

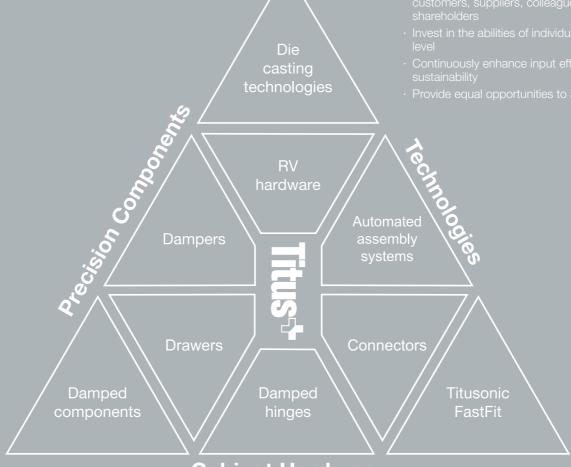
Quickfit technology makes Titus the World leader in connectors for RTA furniture



Vision

Mission

Titus Business Principles



Cabinet Hardware

Cabinet Hardware

Damping and Kinetics

Titus Technologies

'Totally Integrated Engineering'

Product Design

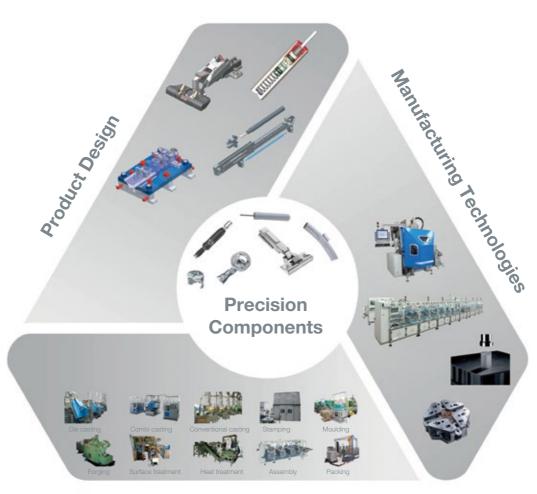
Design and engineering of unique components Consistent and repeatable product quality

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



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

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

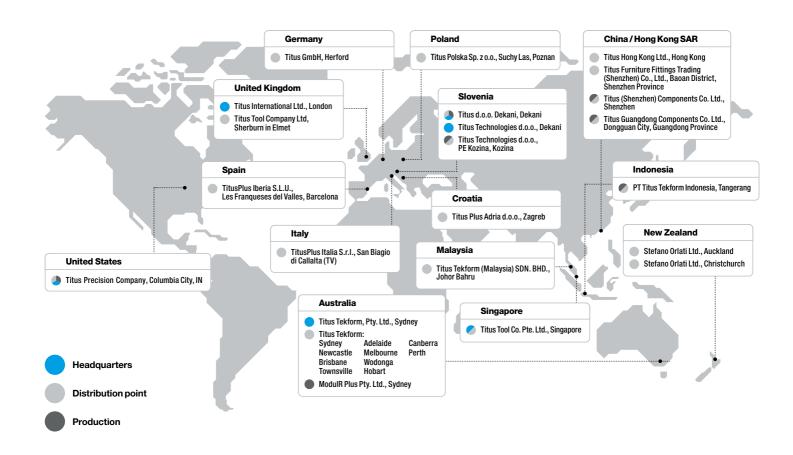
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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



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