

Tekform Drawer

Important Information

Technical information

While every effort has been made in the production of this catalogue to ensure the accuracy of information, our products are continually being revised and users should confirm the up to date specification before ordering. Due to constant improvement of products presented in the catalogue, we can make changes at any time and without notice.

Responsibility

It is the responsibility of the user to ensure the fitness of hardware for the intended purpose. We recommend assessment by appropriate testing in the application and by technical enquiry to our representatives.

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*Non preferred articles

All Item numbers in the catalogue marked with * are for non preferred items available on extended delivery times.

Trademarks

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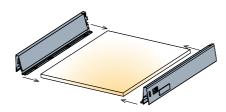
Tekform Drawer





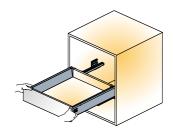
'EasyFix' front panel connector

- · Hand insertion
- · Quarter turn lock
- Repeatable assembly and disassembly possible



User friendly mounting

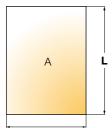
- · Intuitive installation instructions
- · Easy assembly and disassembly of the drawer



Superior vertical and horizontal stability of rails

- · Smooth and silent operating
- Reliable drawer opening and closing
- Improved drawer stability in open position





Internal cabinet width

Precise drawer alignment

- Tekform Drawer provides a +/- 1mm tolerance on drawer bottom width
- · Intuitive drawer front adjustment



Titus damper inside

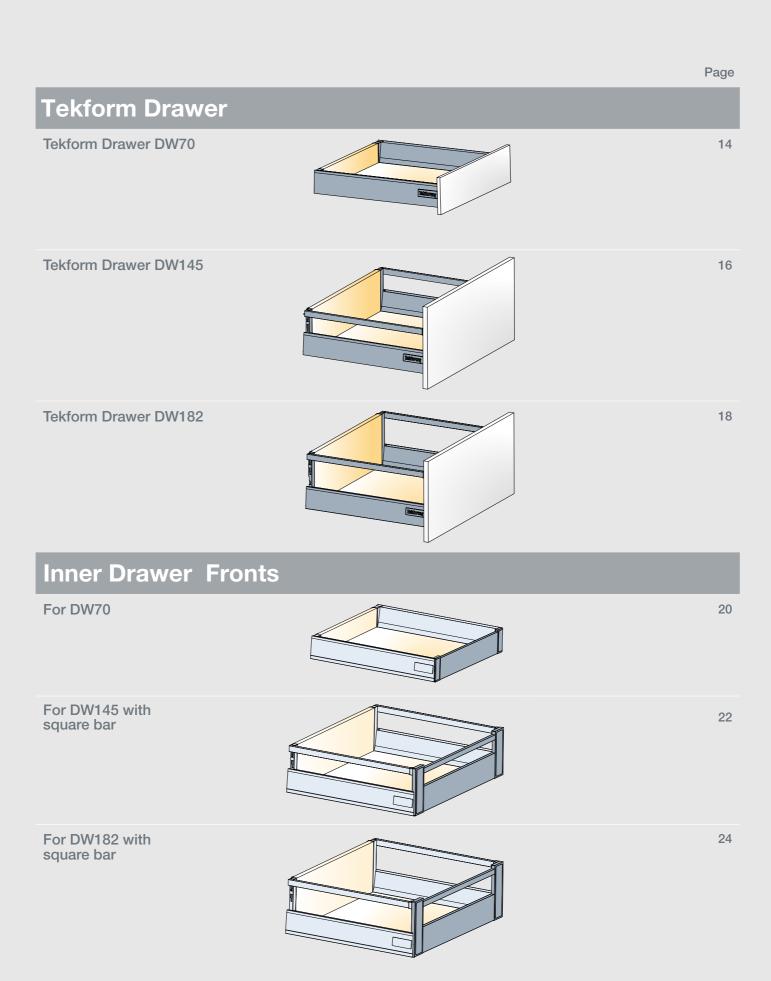
- · Life-long reliable closing
- Consistent damping at various closing speeds
- · 'Confident Close'

Quality certified

· By European specialized institutions

Tekform Drawer

Product Guide



28

Accessories Glass sides 8mm 26 Bars and Connectors

Marking jig for Front Panel

Tekform Drawer

Information

Technical Guide

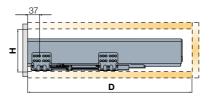
How to choose the appropriate drawer dimension?

Select Tekform Drawer size based on available cabinet space. Please refer to the below chart with indicated minimum space required in cabinet to choose appropriate drawer system.

Tekform Drawer nominal length (NL) in mm

NL	270	300	350	400	450	500	550

	Tekform Drawe	er	Tekform Drawer with inner front			
	S		Min. height H required	Cabinet depth D		
Tekform Drawer DW70	105mm	NL+min 3mm	115mm	NL+min 12mm		
Tekform Drawer DW145	185mm NL+min 3mm		193mm	NL+min 12mm		
Tekform Drawer DW182	224mm	NL+min 3mm	224mm	NL+min 12mm		



How to fix drawer sides to the front panel?

Tekform Drawer is available with 'EasyFix' or screw-in front connectors



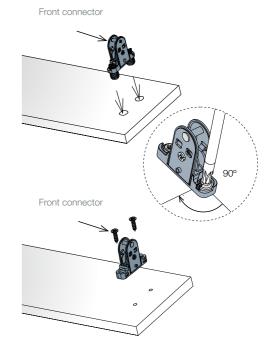
EasyFix' front connector

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



Screw-in front connector

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



Bottom panel and back panel cutting dimensions

Dimensions of bottom and back panel depends on:

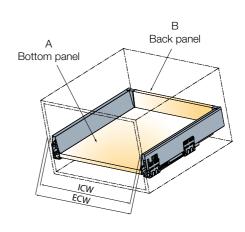
- · cabinet width
- · nominal drawer length
- · drawer height

Tekform Drawer nominal length (NL) in mm

NL	270	300	350	400	450	500	550

Cabinet width

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



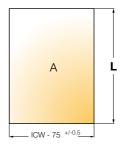
Back panel cutting dimension

Back panel height depends on the selected drawer height

	H back panel		
DW70	68		
DW145	151		
DW182	183		



Bottom panel cutting dimensions



NL	270	300	350	400	450	500	550
L	260	290	340	390	440	490	540

NL= Tekform Drawer nominal length (in mm)

Tekform Drawer

Information

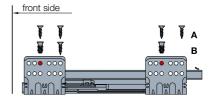
Technical Guide

How to choose the appropriate drawer runner fixing positions?

Drawer fixing positions depend on the choosen drawer front type.

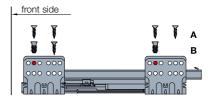
Tekform Drawer with standard front

When a standard drawer front is applied, use the third hole on the drawer runner to fix it.



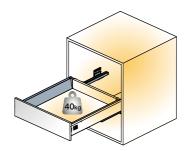
Tekform Drawer with inner front

When an inner drawer front is applied, use the second hole on the drawer runner for fixing.



Load capacity

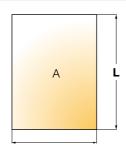
Tekform Drawer load capacity is 40 kg.



Expanded tolerances

Tekform Drawer provides expanded tolerances in cabinet construction and assures:

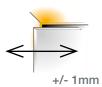
- · precise drawer alignment
- · smooth and silent operating
- Improved drawer stability in open position
- Tekform Drawer provides tolerance of +/-1mm on bottom width size



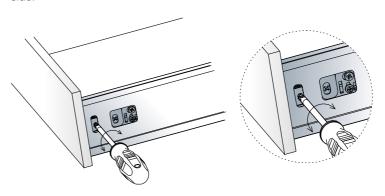
Internal cabinet width tolerance +/- 1mm

Adjustments

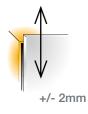
Side adjustment



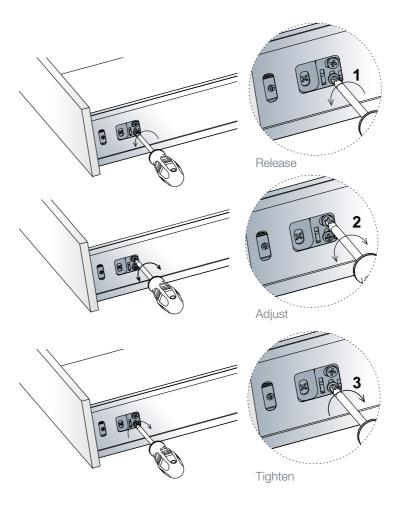
Side adjustment is done through the adjustment screw on the drawer side.



Height adjustment



Height adjustment is done through the cam. Release first the locking screw and tighten it back after the front is adjusted.



Tekform DrawerInformation

Adjustments

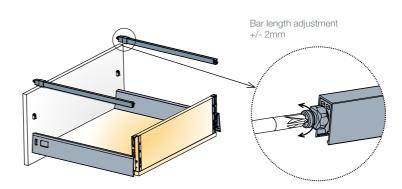
Depth adjustment



+/- 2mm

Depth adjustment is done through the connecting bar.

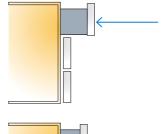
Please note: connecting bars can't be used with the 8mm thick glass sides.



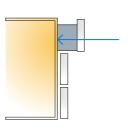
Key Design Choices

ConfidentClose

Fast closing



Late start of damping



Quiet landing



Titus hydraulic damper

Titus hydraulic damper, designed and produced in-house

- · Reliable and consistent life-long damping
- · Smooth closing
- · Damper's consistency over high volume production runs assured
- · 100% automated quality check



Damping action

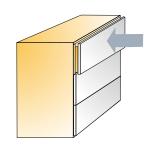
Even and smooth soft closing action

 \cdot Soft and reliable closing

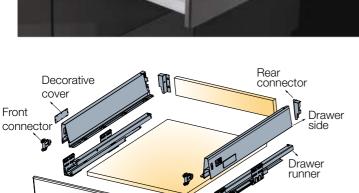


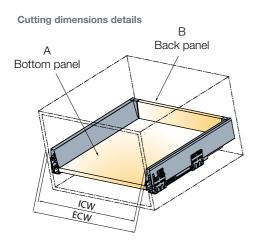
Flat damping curve shows the uniform action produced during damper closing at a defined speed.

Tekform Drawer DW70

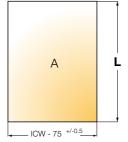


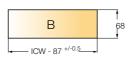






ECW: External cabinet width ICW:Internal cabinet width NL: Nominal length of drawer





L=NL-10
For further explanation — see page 9



Nominal length	with EasyFix front connector	with Screw-in front connector		
Nomina	Item number for a set	Item number for a set	White	Grey
270	650-8027 →	650-8327 →	150	180
300	650-8030 →	650-8330 →	150	180
350	650-8035 →	650-8335 →	150	180
400	650-8040 →	650-8340 →	150	180
450	650-8045 →	650-8345 →	150	180
500	650-8050 →	650-8350 →	150	180
550	650-8055 →	650-8355 →	150	180
	e set consists of awer sides			2 pcs
Dra	iwer runner			2 pcs
*Fro	ont connectors	** **		2 pcs
Rea	ar connectors	80		2 pcs
Dec	corative covers	Market		2 pcs
Mo	unting instructions	1	1 pc/	/4 sets
	re not included			

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

full extension

40 kg

105mm

16mm 16mm





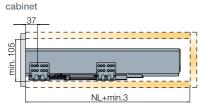
Side adjustment +1/-1mm

Height adjustment +2/-2mm

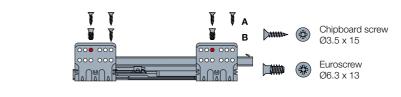
For further explanation ---- see page 11-12

Installation dimensions

Minimum space required for the

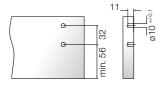


Drawer runner fixing positions



Drilling dimensions for the front panel

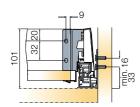
EasyFix attachment



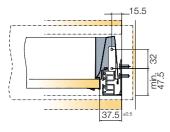
Screw-in attachment

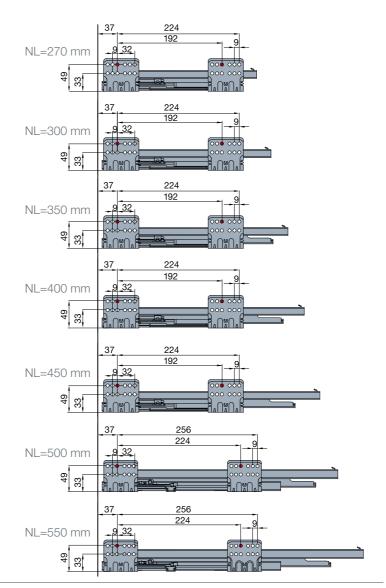


Mounting dimensions for the back panel

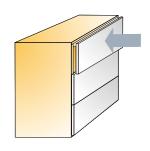


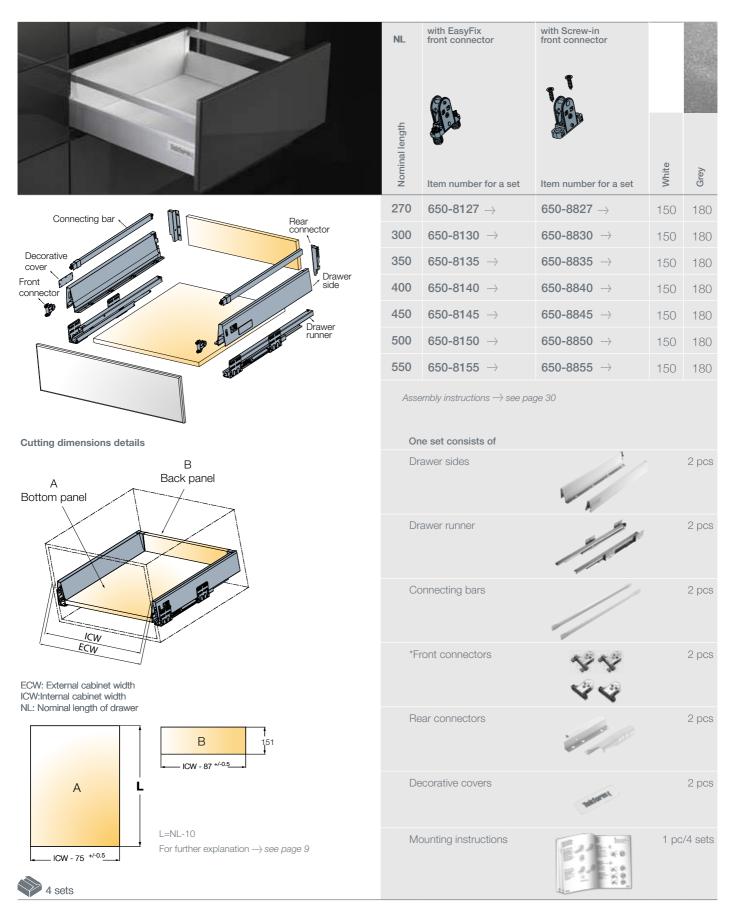






Tekform Drawer DW145





Screws are not included

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

full extension

40 kg

185mm

16mm 16mm



Side

adjustment

+1/-1mm

Height adjustment +2/-2mm

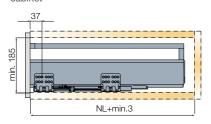


Depth adjustment +2/-2mm

For further explanation — see page 11-12

Installation dimensions

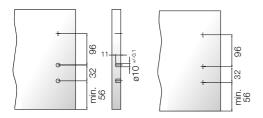
Minimum space required for the cabinet



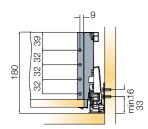
Drilling dimensions for the front panel

EasyFix attachment

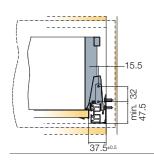
Screw-in attachment



Mounting dimensions for the back panel

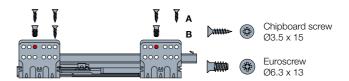


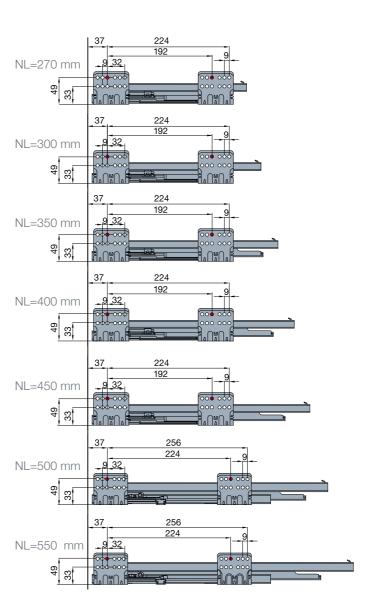
Installation dimensions for the front panel



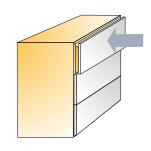
A trial mounting is always recommended. For further information please contact your Titus Group representative.

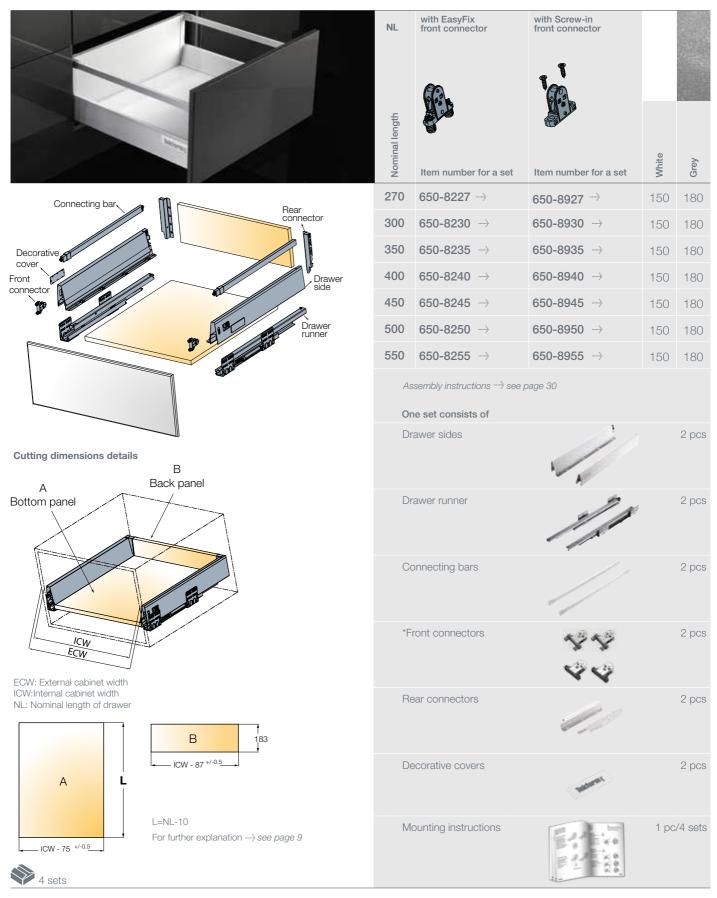
Drawer runner fixing positions





Tekform Drawer DW182





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

full extension 40kg

224mm

16mm 16mm



Side

adjustment

Drawer runner fixing positions

+1/-1mm

Height adjustment +2/-2mm

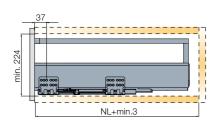


Depth adjustment +2/-2mm

For further explanation — see page 11-12

Installation dimensions

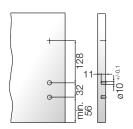
Minimum space required for the cabinet

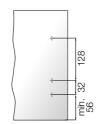


Drilling dimensions for the front panel

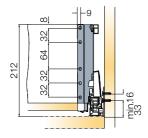
EasyFix attachment

Screw-in attachment

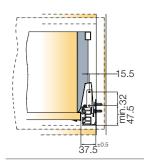


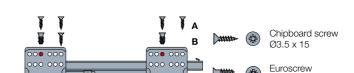


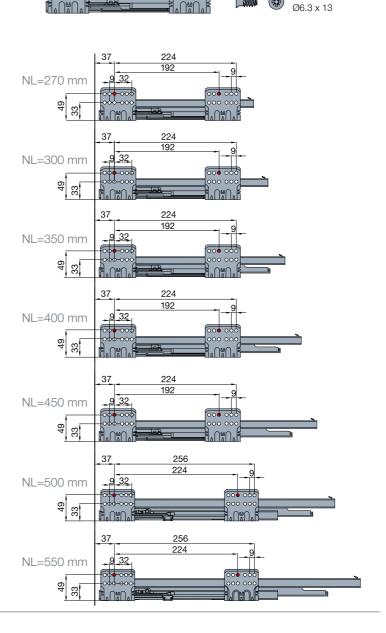
Mounting dimensions for the back panel



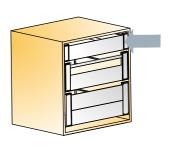
Installation dimensions for the front panel

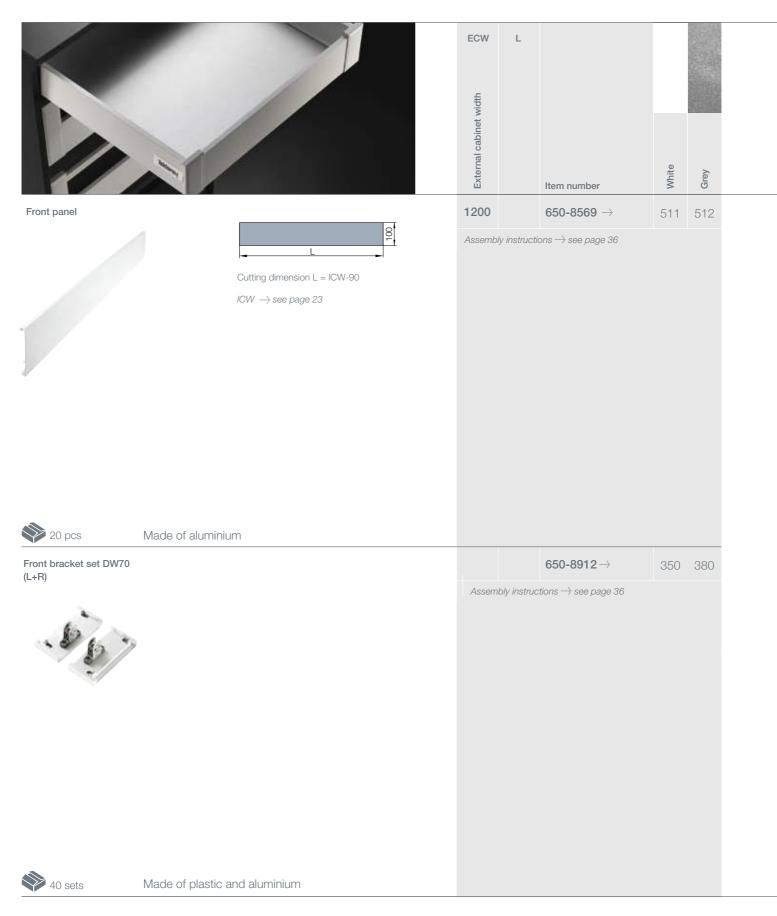


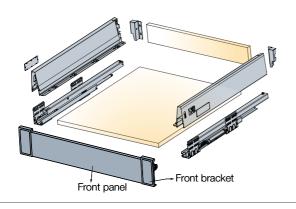


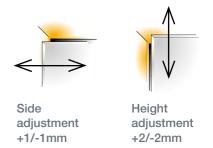


Inner Drawer Front for Tekform Drawer DW70





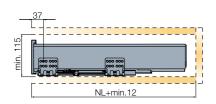




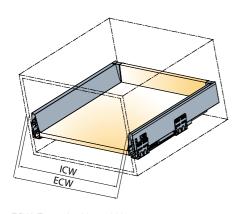
For further explanation ---- see page 11-12

Installation dimensions

Minimum space required for the cabinet

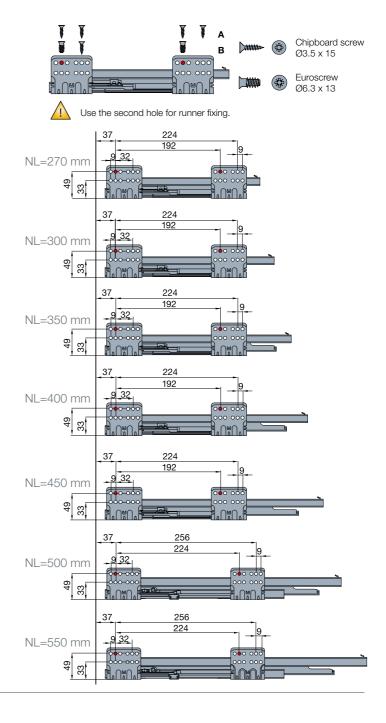


Cutting dimensions details



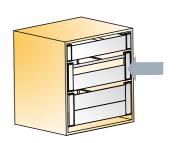
ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer

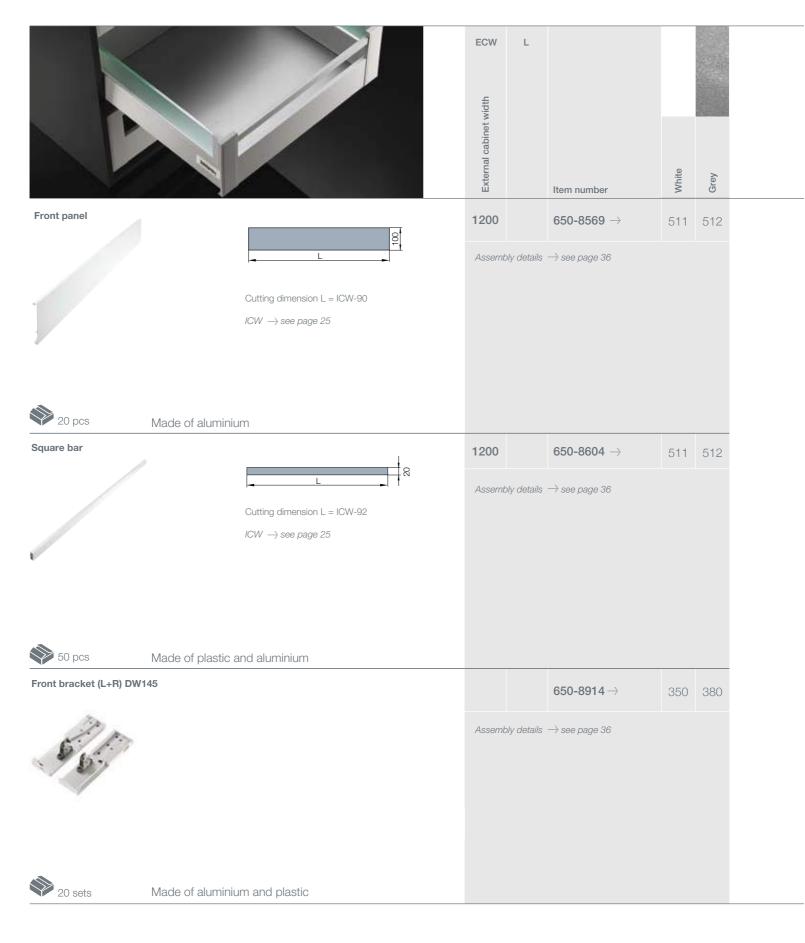
Drawer runner fixing positions

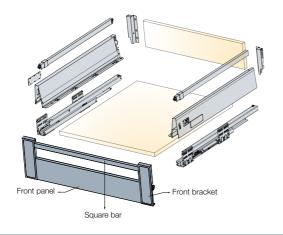


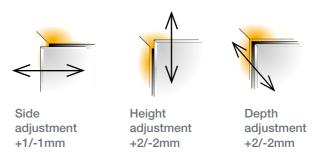
Inner Drawer Front for Tekform Drawer DW145

With Square Bar





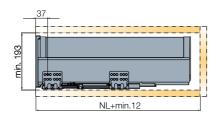




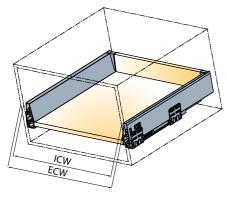
For further explanation —— see page 11-12

Installation dimensions

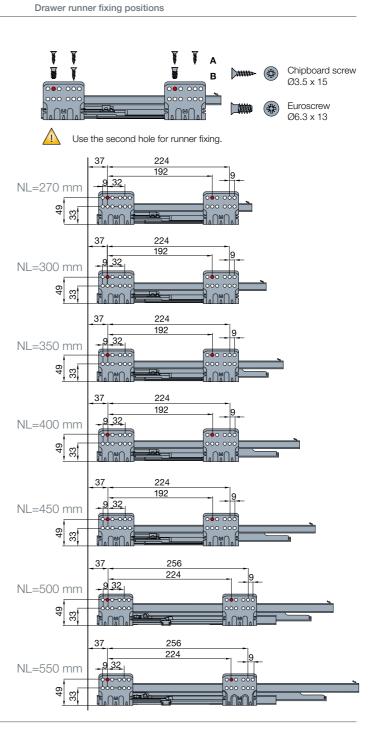
Minimum space required for the cabinet



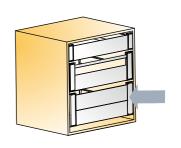
Cutting dimensions details

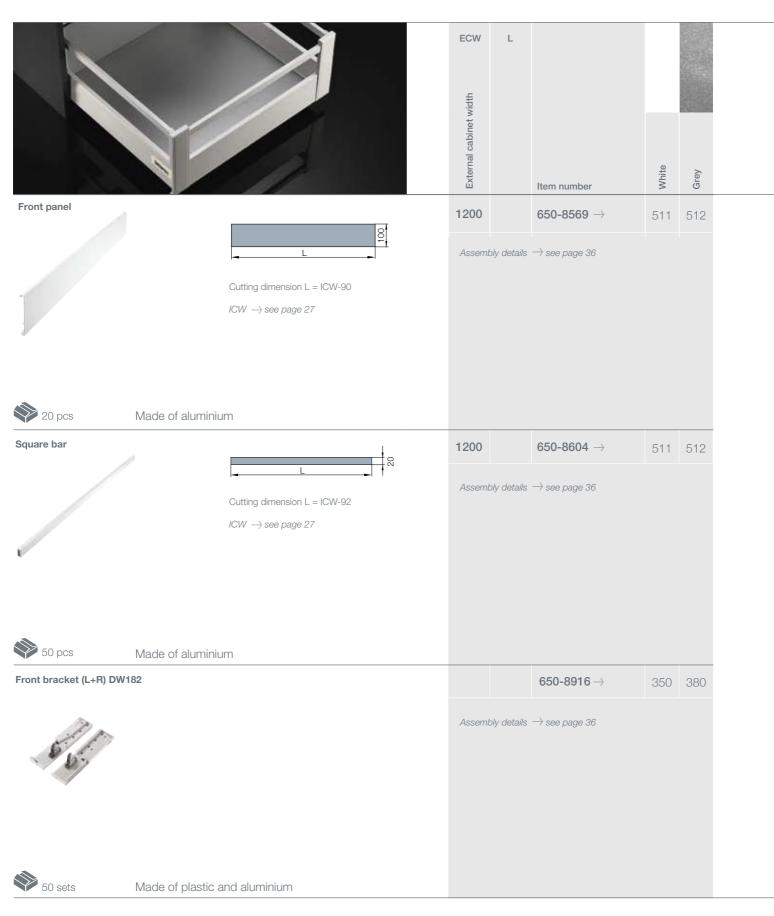


ECW: External cabinet width ICW: Internal cabinet width NL: Nominal length of drawer

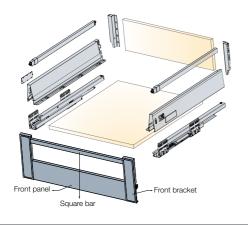


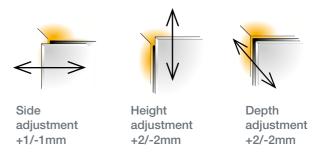
Inner Drawer Front for Tekform Drawer DW182 With Square Bar





Chipboard screw Ø3.5 x 15



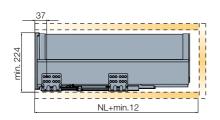


For further explanation —— see page 11-12

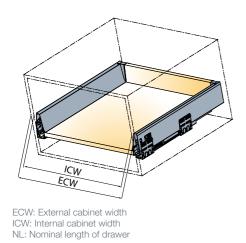
Drawer runner fixing positions

Installation dimensions

Minimum space required for the cabinet



Cutting dimensions details



Euroscrew Ø6.3 x 13 Use the second hole for runner fixing. 224 NL=270 mm 33 49 NL=300 mm 83 49 37 224 192 9 32 NL=350 mm 33 224 37 192 9 32 NL=400 mm 224 192 9 32 NL=450 mm 33 256 224 37 9 32 NL=500 mm 33 256 224 9 32 NL=550 mm 33

Accessories

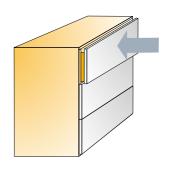
Glass Sides 8 mm

- · 8mm glass sides don't require connecting bars
- · Tempered glass for improved user safety



Accessories

Bars and Connectors

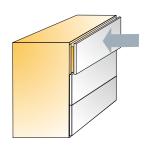


	gth			
	Nominal length		White	Grey
Connecting bar	270	650-8727 →	150	180
	300	650-8730 →	150	180
	350	660-8735 →	150	180
	400	650-8740 →	150	180
	450	650-8745 →	150	180
	500	650-8750 →	150	180
42 Pcs	550	650-8755 →	150	180
Rear connectors for DW70		650-8901>	150	180
for DW145		650-8902 →	150	180
for DW182		650-8903 →	150	180
56 Pcs				
Front connectors Screw-in		650-8905 →		380
EasyFix		650-8907 →		380
♦ 400 Pcs				
Decorative cover Tekform by Titus		650-8904 →	350	380
neutral		650-8906 →	350	380
2000 Pcs				

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

Accessories

Marking Jig for Front Panel



	Item number	Black
Marking jig	650-8025>	390
Application details		

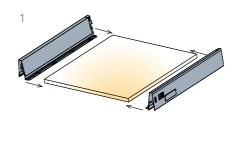
Made of plastic

Assembly Instructions



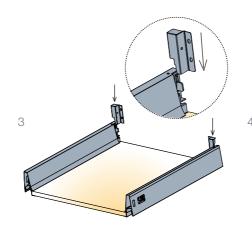
Assembly Sequence

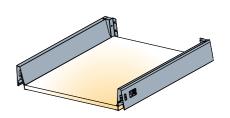
Connect the drawer sides to the bottom panel (1) and fix it with screws (2)



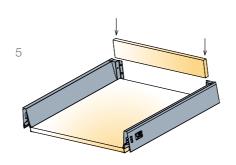


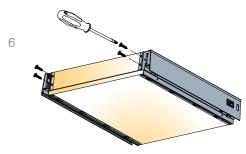
Insert the rear connector vertically (3) and push it downwards into recess in the drawer side (4)





Insert the back panel (5) and fix it with screws (6)





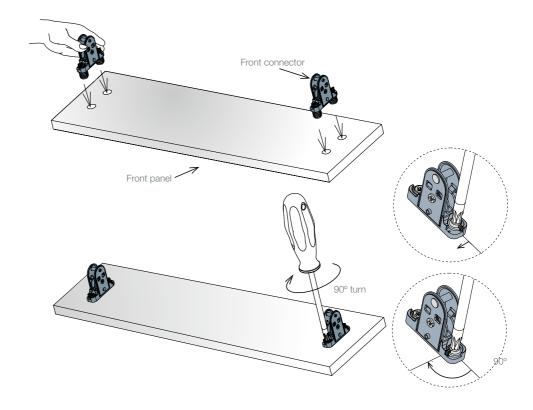


Insertion of Front Connectors

EasyFix

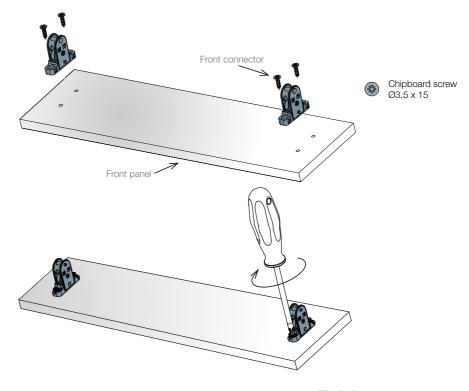
Insert the front connectors into holes on the front panel

Turn the screws for 90° into locked position



Screw-in fixing

Use Ø3 x 15mm screws for fixing

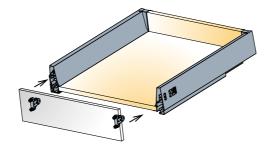


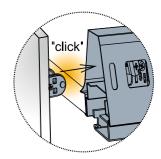
Assembly Instructions

Front Panel Mounting / Removal

Mounting

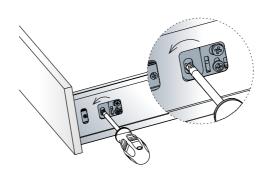
Attach the front panel to the drawer and press to click

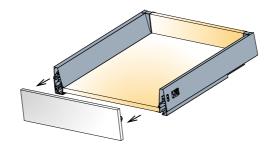




Removal

Rotate to disengage

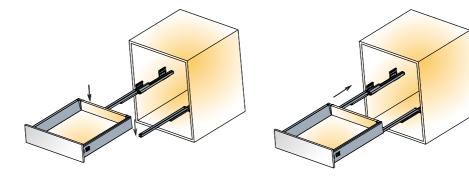




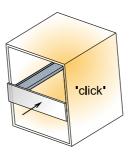
Drawer Insertion / Removal

Insertion

Put the drawer horizontally on the runners and push towards the cabinet until you hear the drawer is locked

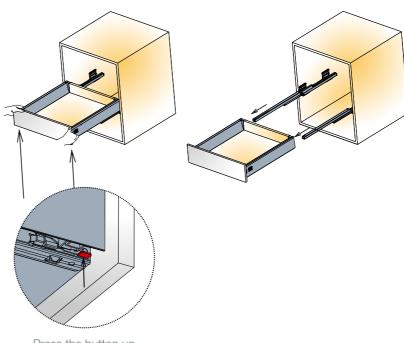


Push to fully close



Removal

Press the button under a drawer keep pressed to pull the drawer out

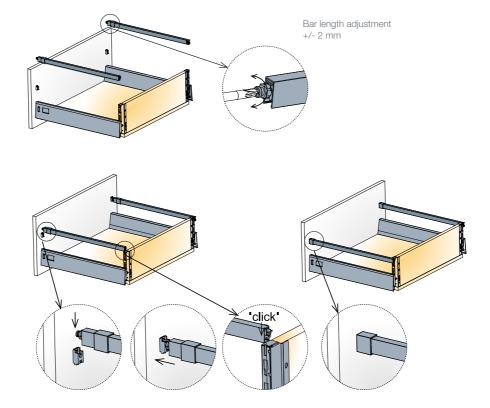


Press the button up

Accessories Mounting

Mounting of Connecting Bars

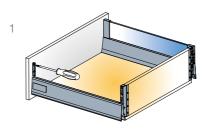
Connecting bars (for DW145 and DW182)

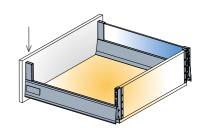


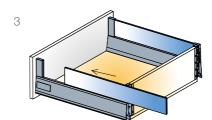


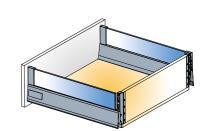
Mounting of Glass Sides 8mm

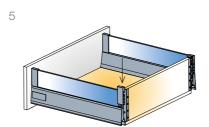
Glass sides 8mm

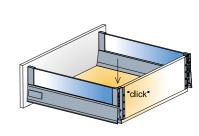






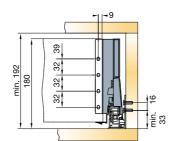






Drilling dimension for Glass sides 8mm

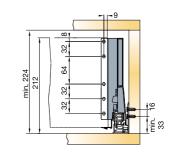
Back panel mounting dimensions



Tekform Drawer DW145

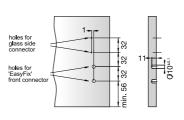
Tekform Drawer DW182

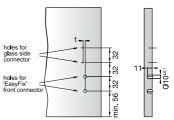
6



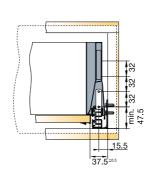


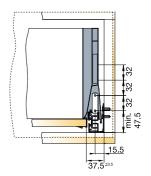
'EasyFix' front connector





Installation dimensions for front panel

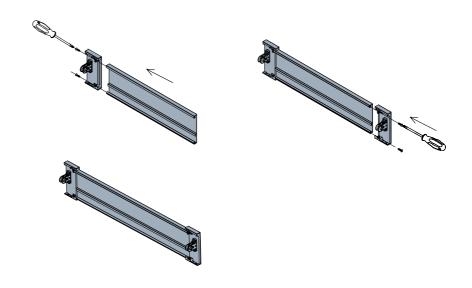




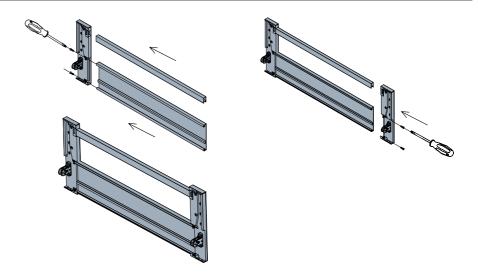
Accessories Mounting

Assembly of Inner Drawer Front

DW70



DW145 and DW182 with bar





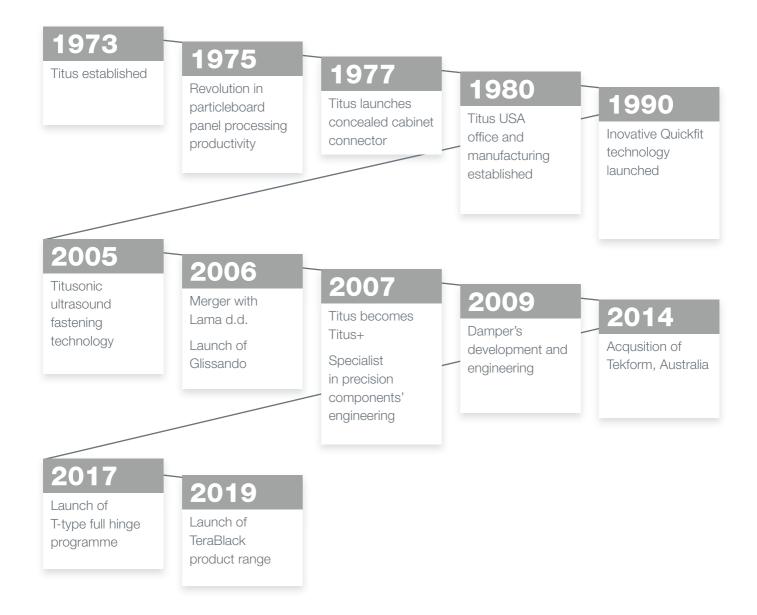
The Titus Group Profile

Titus Group

Titus focuses on the design, manufacture 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 facilities in Europe, North America, China, SE Asia, Australia and New Zealand.

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



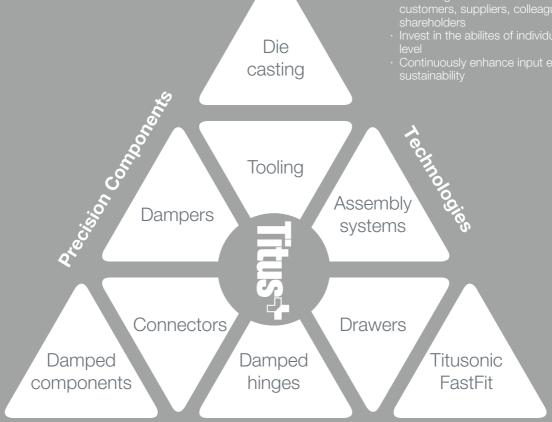
Vision

The world's best engineering for precision components

Mission

Titus Business Philosophies and Principles

- 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



Furniture Hardware

Furniture Hardware

- Cabinet connectors
 Concealed hinges
 Soft closing systems
 Drawers and drawer systems
 Kitchen accessories
 Furniture locks
 Decorative

Components

Technologies

'Totally Integrated Engineering'

Product Design

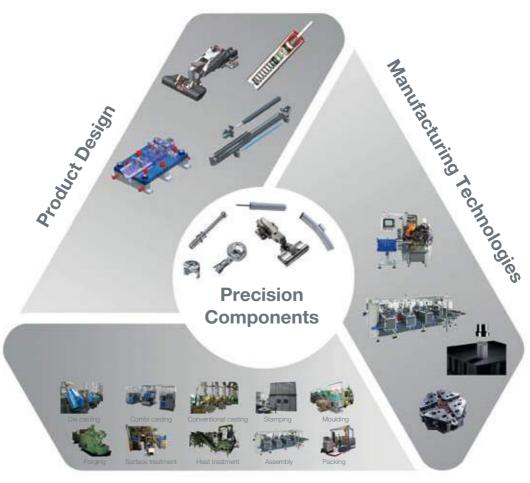
Design and engineering of unique components
Consistent and repeatable product quality

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

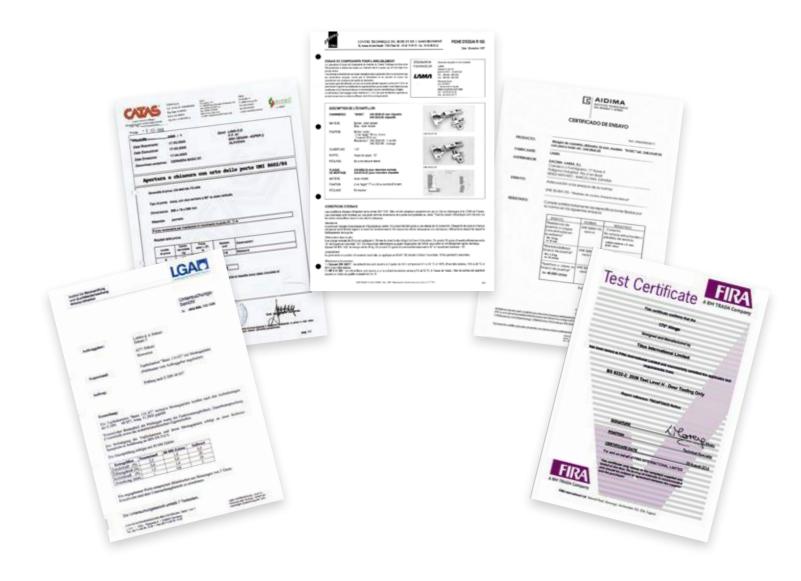
The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

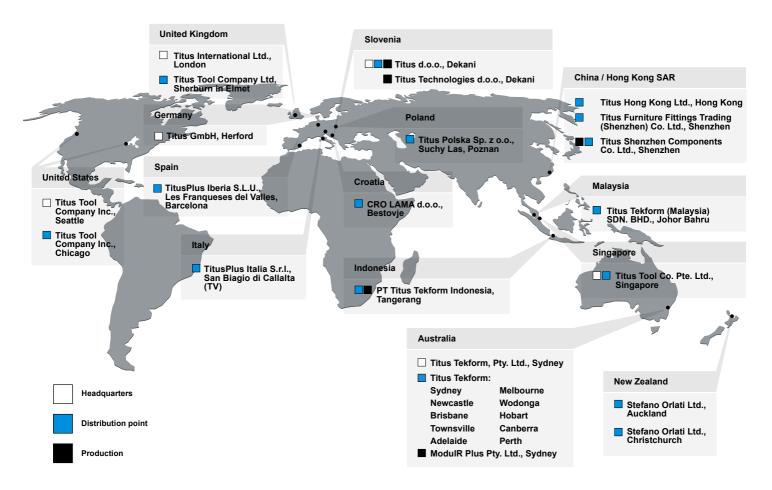
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

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