

PressRelease



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23 April 2021

Broaden Your Horizons with Titus: Explore Possibilities for Improving the Functionality of Your Furniture

In recent years, we have noticed a growing trend toward interior design furniture elements in darker and matte colour tones, and therefore a growing demand for cabinet hardware that blends in seamlessly. With a bold visual statement of contemporary furniture also comes the need for precisely designed and functioning details, which includes fittings and hardware. Every gap, misalignment or unsuitable accessory is more prominent and stands out in this type of furniture. For a seamless and engineered solution Titus has the answer with TeraBlack – an extremely attractive black matte hardware finish that not just visually enhances the appeal of cabinets but also lasts a lifetime.

TeraBlack - Sleek, elegant & edgy: matte black hardware finish, engineered for a purpose



Cabinet hardware experts at Titus have explored the trends in the furniture industry and developed a solution where they took the lead in the market. In response to global trends, Titus has delivered a product that combines visual appeal with genuine and valuable product benefits. The result of Titus' efforts is a complete TeraBlack range of products.

The Tera in TeraBlack stands for **T**itus **E**nhanced **R**esistance **A**pplication.

TeraBlack products have a light absorbing microstructure that provides a unique black, non-reflective, matte finish and a smooth even surface with a velvety feel. TeraBlack surface finish not only enhances the visual appeal of any cabinet but it also provides increased corrosion resistance and durability throughout the life cycle of the product. At the same time, the TeraBlack finish creates a specific visual effect that reduces the prominence of hardware inside the cabinet interiors. It is a solution that

blends into any furniture in the kitchen, living room, bedroom, bathroom or office, so it has an extensive range of applications.



The flagship product in the TeraBlack range is the innovative, award-winning T-type hinge with integrated damping. Its key feature is the simplicity and tolerance during installation. It is an uncompromisingly reliable hinge with a long-lasting, consistent performance of 200,000 cycles, which is especially important with thicker and heavier cabinet doors where sagging is an issue. T-type includes as standard **ConfidentClose**, the consumer preferred way of soft closing of doors.

Soft closing assures remarkable consistency of performance with no bounce effect and reliable closing at all closing speeds. Its **3Way snap-on** intuitive hinge-to-plate mounting (top, front, and back) makes installation a breeze, especially on tall doors, as it significantly reduces the time and effort it takes to assemble a kitchen.

Reduce cabinet assembly time by an incredible 50%

Titus offers the largest and most comprehensive range of quick assembly solutions for serial producers of RTA and household furniture. With years of engineering expertise in analysing and developing furniture fittings, Titus engineers succeeded in reducing the time needed to assemble the furniture by 50%. This is an important benefit Titus fittings bring to professional fitters and end users. The 50% reduction in assembly time is possible by pre-inserting Quickfit dowels and cams into the panel during factory production prior to shipping the cabinet. Consumers get all the connectors already fitted in the right place, all they have to do is to put two panels together and tighten the joint – it's as easy as that!



Titus Quickfit dowels with **Quickfit TL5, 'Full Metal Jacket'**, the latest innovation and an award-winning solution, are the fastest fittings on the market, developed to make cabinet assembly fast and easy with tool-free insertion. Quickfit TL5 dowel, thanks to its steel sleeve, is the only dowel on the market that reliably engages in a 5mm dowel hole, enabling the use of the tool-less Quickfit dowel insertion technology across a wide range of applications in RTA furniture where 5mm drilling is the standard.

Its self-adjustment feature provides $\pm 1\text{mm}$ tolerance to drilling inaccuracies ensuring consistently strong joint. Titus Quickfit TL5 'Full Metal Jacket' dowel has outstanding pull-out resistance and provides optimal strength and performance in multiple wooden materials: chipboard, MDF and solid wood.

Furthermore, Quickfit dowels also protect cabinet integrity. As there is no need to use hammers and screwdrivers to insert them, there will be no damage on the carcass during insertion. Furthermore, they are designed for correct positioning which ensures the panels join smoothly together.



Easier and faster home assembly has always been at the core of Titus design philosophy since their inception. They call it **CAF - Consumer Assembly Friendliness** and it is so important that they even devised a specific formula which provides an objective measure of how easy it is to assemble a piece of furniture.

Titus enriches its portfolio with the acquisition of Simon Kinetics offering new solutions in soft closing and push-to-open systems

Titus has been delivering damping solutions for sliding doors for years. After acquiring Simon Kinetics from Germany, Titus formed its own Kinetics division, now combining Kinetics expertise in sliding door soft closing with Titus' expertise in hydraulic damping. Here are some of the latest novelties.

Slidix Centro – control the motion of your centre sliding doors



How to control the sound and motion of wardrobe sliding doors? With **Slidix Centro**, a particularly unique solution from Titus widely used to control the motion and centring of middle doors in the structure of three or more sliding doors. Since you can add Slidix Centro to any two-way runner system, it is perfectly suited for various applications such as cabinets with drawers, kitchen islands or double-sided pull-outs in pharmacy equipment or shop displays.

Kinetics PushPlus system combines push-to-open and damping function in one mechanism



PushPlus is another innovative solution from Titus for pocket doors. Typically, a pocket sliding door in a fully open position stops slightly before the wall hollow, protruding and obstructing the area available for moving. PushPlus system allows the door to be without a handle and to retreat entirely into the wall. To close, you activate it with a push. For maximum comfort, safety, and silence in use, the same system also provides damping in the opening direction.

Furthermore, Titus is **the only company on the market** with serial production to provide soft closing and touch opening functions connected in a single mechanism. Kinetics PushPlus assures effortless and comfortable opening and closing of wall pocket sliding doors, while allowing for maximum space in an open-door position. Thanks to its modular and compact design with soft-close and push-to-open in one unit it opens multiple opportunities.

Tekform Slimline Tacto – effortless touch opening system on drawers

Titus combined its push latch technology knowhow with the push-to-open knowledge of Kinetics division and introduced **an efficient push-to-open solution** for drawers.



The result is Tekform Slimline thin wall drawer now upgraded with Tacto touch opening system for effortless opening of handleless drawer fronts. In short, this means easy opening and reliable closing.

Tekform Slimline Tacto has the activator integrated into the drawer runner, while all other components remain the same as for the 'standard' Slimline version, as do drilling and fixing positions. This feature makes the **installation simple and precise.** The

simplicity to mount is further supported by a **non-handed** Tacto mechanism that is intuitively placed into the correct position without the need of predrilling.



Tacto mechanism follows the 'One-for-All' principle, meaning that one item provides push-open feature to a range of metal and glass drawers. New Tekform Slimline Tacto is fast and easy to mount as it fits the industry standard drilling patterns on one hand, and it allows furniture producers to streamline while at the same time expand their range. This makes it an ideal solution to

meet various customer needs and create individualised handleless drawers and pull-outs in kitchen and living areas throughout the home, with only two products – 'classic' and touch opening - ensuring that furniture is easy to use and aesthetically appealing.

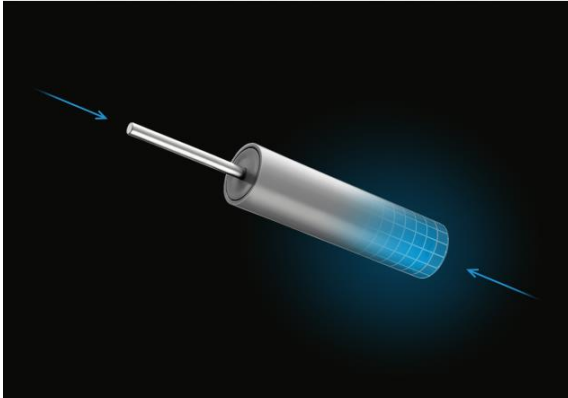
Tekform Slimline Tacto is a good example of an exciting new solution for customers resulting from the merger of Titus and Kinetics expertise in damping and push to open solutions.

Titus Damping: meet the future of damping solutions in various segments and applications

Titus Damper is a proprietary multi-purpose hydraulic damping technology for a wide range of applications in furniture, consumer appliances, interior doors, bathroom equipment, automotive and many more.

Titus extensive expertise in this sector is built through a wide range of applications made over the past decade: cabinet hinges, oven hinges, drawers, furniture sliding door mechanisms, interior sliding pocket doors, 'push' handles for commercial doors, waste bins, rails for hospital beds, pool fences, shower doors, damping for toilet lids, soft closing for refrigerators and storages, and others. So, what is next?

Recent innovations enlarge Titus' expertise in various ways, mainly towards **more compact designs**, with smaller diameters, lower lengths and shorter piston strokes which ensure high performance damping in smaller available space (like in car handles and armrests, scanners, copy machines). The capability of dampers is continually being developed to efficiently soften **very high forces** generated by heavy loads and/or long closing path (like in toilet seats, drop-down doors, waste bins). **The temperature spectrum is being further extended** to provide operational efficiency in cooler temperatures on one side and hotter on the other side of the scale. This is especially beneficial in ovens, coolers, refrigerators, automotive and aircraft industry. New solutions also address damping curve types. The most recent two are **multi-stage curve**, which eliminates bounce effect at closing, and **reverse damping functionality**, which damps in opposite direction and is used in applications where space is limited such as pocket doors.



Titus' newly launched damper **S-Series Evolut** has been engineered for effective deceleration of objects up to 900N in temperatures up to 150°C maintaining a consistent damping in all conditions, even when the temperature in the specific application reaches the upper limit. Possibilities for applications extend over a wide range of industries: from consumer appliances, especially ovens with heavy doors, through heavy lids in waste bins, to glass doors and interior doors in residential and commercial environment.

Connect with Titus at Interzum @home digital trade show where you will learn more about their unique products and other innovative solutions from 4-7 May, 2021.

Titus Group

The UK owned Titus Group develops, manufactures and markets innovative precision component solutions that improve competitiveness of its customers in various industries. Through innovative product design, high-volume manufacturing expertise and efficient service it enables business partners to improve their productivity and quality as well as reduce costs of assembly, manufacturing and other processes. The majority of the Company's turnover comes from its core activity, the production of furniture connectors, concealed hinges and furniture damping. The precision engineering competence gained in the field of furniture hardware has been applied to other areas: multi-purpose damping technology, automated assembly systems, tooling, precision die casting service and ultrasound fastening technology in various industries such as furniture, home appliances, automotive, medical devices and hardware.

For more information and photos, please visit www.titusplus.com

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