

TITAN makes versatility your
strength³

The innovative window hardware system
for timber and PVC.

Window systems

Door systems

Comfort systems

We bring spaces to life.



TITAN opens perspectives.

Three dimensions and four walls result in a space. But still no living space. Because that is a dynamic construction of many factors and functions: security, comfort, health, aesthetics, sustainability, energy efficiency and much more. But the focus is always on people.

In short: A space is a system and window hardware, therefore, is not just window hardware. It is part of the system that ensures that spaces become alive and people feel comfortable in them. Living spaces.

This kind of thinking in terms of systems has a long tradition at SIEGENIA. Today, we are the leading system provider of room comfort: with window, door and comfort systems. Windows with integrated ventilation technology or their app-based motor-driven control are just two examples of room comfort of the future.

Room comfort is thus no longer the sum of many detailed solutions, but the result of a holistic approach. To convert diverse requirements, expectations and needs into innovative and marketable solutions is what drives us. For example, with our TITAN hardware system.

Whether an architect's design glasses or from a safety, energy and functional point of view: in any dimension, TITAN is an example of what we understand as room comfort. In terms of workmanship, assembly and logistics, TITAN will continue to open up various possibilities for saving time and cutting costs in the production process.



A perfect family.

Efficient and trendsetting.

These are the attributes that best describe our TITAN family. The innovative hardware system continues to impress with its sophisticated aesthetics, high functionality and unparalleled convenience. Thanks to the minimal logistics and workflow streamlining, TITAN provides potential for savings that open up clear competitive advantages to you as a fabricator.

The first offshoot in the TITAN family was TITAN iP. Since its introduction in 2004, it has revolutionised the market by facilitating hardware assembly on the pre-weld profile bars. TITAN iP is also the perfect answer to demands for automation within the window fabricating industry. What's more, TITAN iP continues to impress with its abundance of forward-looking technologies in the areas of functionality, safety and convenience.

The TITAN iP was so innovative that people instantly realised how great it would be to utilise its advantages without having to stop using traditional production methods. That was the birth of TITAN AF. With the continued expansion of the TITAN family, all the outstanding product benefits and convenience features are now also available for conventional installation techniques: From smooth-running comfort mushroom cams, optimised coupling via the stay hinge coupling with larger tolerances, new frame components for barrier-free thresholds, up to a reliable mishandling device. From optimised stock-keeping to standardised packing dimensions of the components, up to efficient fabrication. This all demonstrates innovations are the window to the future. And that future will be created with TITAN.





TITAN

iP

Improving manufacturing cycle times with individual pre-welded assemblies

Individual distribution of work processes across the entire production

Freely scaleable degree of automation up to fully automated production

TITAN

AF

Conventional installation technology

Flexible integration into existing production processes

Minimum re-tooling time and expense

TITAN iP. Innovative hardware system for pre-welded profile assembly.



Innovative and revolutionary.

For SIEGENIA, the business success of the window manufacturer is at the heart of everything we do. We designed TITAN iP based on these guidelines; the first hardware system worldwide that facilitates assembly on pre-welded profiles. This revolutionised window production as hardware installation is no longer tied to a fixed work station.

Thanks to a diverse range of assembly concepts, individual hardware components can be installed at any desired location in window production: from the cutting station up to the fitting table. As this means that assembly can be decentralised for the first time ever, optimum use can be made of the idle periods at various other work stations.

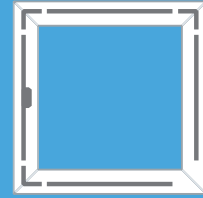
This leads to improved manufacturing cycle times within the workflows and increased productivity, which ultimately results in reduced costs and increased competitiveness. In a nutshell: TITAN iP improves profitability.

With TITAN iP, it is possible to select the hardware components from a range of options: from completely manual to semi-automated, up to fully automated. This means that TITAN iP provides economic benefits for companies of all sizes. Since TITAN iP is not tied to a particular type of machine technology, large investments can be avoided.

IDEALLY SUITED FOR RATIONALISATION IN
COMPANIES OF ALL SIZES.



TITAN AF. Conventional installation technology.



This is how innovative traditional can be.

TITAN AF enables all manufacturers who want to continue using the conventional hardware assembly to benefit from all the advantages of the TITAN series. These advantages can be seen in the increased convenience for end-users as well as in fabrication and logistics.

The unique comfort mushroom cam automatically compensates for manufacturing-related tolerances, ensures smooth-running locking parts and locks the window with virtually no wear. These qualities guarantee long-term functionality and maximum durability. Even the striker plates are paving the way in terms of aesthetics and functionality.

Assembly is quick and easy due to the innovative click-on coupling feature. What's more, the intelligent system enables all window sizes to be upgraded with only a few additional components – from the basic security level right up to intruder resistance level 2 ('RC2').

Whether you opt for iP or AF, TITAN will also help substantially in keeping your warehouse tidy and creating space for additional rationalisation measures. You can also remove components from the new cardboard packaging while they are stacked on top of each other. The labour-intensive return of empties is no longer necessary thanks to the clever disposal system.

CONVENTIONAL INSTALLATION TECHNOLOGY
WITH ALL OF THE FAMILIAR INNOVATIVE
ADVANTAGES.



“Comfort mushroom cam” sounds
a bit strange, so just say:
“Yes!”



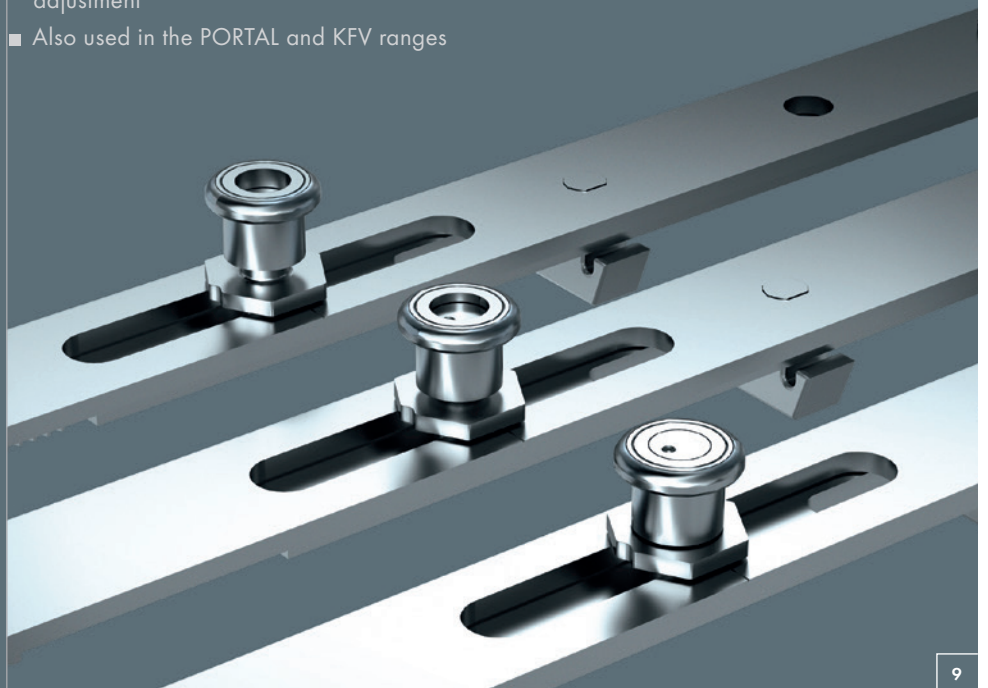
**Comfort mushroom cam
with integrated height adjustment**



Minor detail, major effect.

The TITAN comfort mushroom cam demonstrates the fact that huge progress can be made on a small scale, incorporating enormous advantages in a tiny space for manufacturers as well as end-users:

- Makes assembly simple and precise with its infinitely variable height adjustment. Automatically compensates for clearance tolerances, which means it can reduce adjustment work considerably both during production and installation on site
- Automatically adapts in the case of changes to general conditions, e.g. temperature fluctuations
- Guarantees an optimally adjusted and long-lasting locking system
- Prevents costly and time-consuming complaints
- Its compression adjustment also contributes towards the individual tolerance adjustment
- Also used in the PORTAL and KfV ranges



System versions:
Basic security up to intruder
resistance level 2 ('RC2')

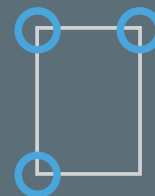


The TITAN family's system concept opens up new potential both in fabrication and logistics:

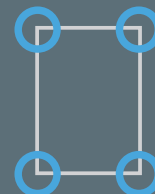
- More effective system design for general use of the comfort mushroom cam as a locking bolt
- Only a few extension components are required to transform a basic security level window into any intruder resistance level 1 ('RC1') or intruder resistance level 2 ('RC2') window; these components no longer need to be cropped
- A minimal number of components ensures lower storage costs
- We also develop solutions beyond intruder resistance level 2 ('RC2') with our customers
- Guarantees RC classes in accordance with DIN EN 1627 ff. by ensuring compliance with the licensing agreements regarding the relevant hardware configurations and installation specifications via our system security manuals for timber and PVC windows



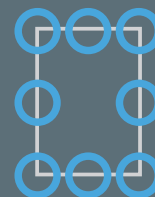
1 point
basic security



3 point
basic security



Intruder resistance
level 1 ('RC1')



Intruder resistance
level 2 ('RC2')



Security striker plate S-RS and security striker plate S 56



The TITAN family sets new trends in terms of safety and low wear and tear with its new generation of frame parts that is optimally tailored to suit the comfort mushroom cams:

- High-tensile material combination of plastics and steel that guarantees unrivalled low wear and tear
- Lower number of components due to standard and security striker plates which are suitable for use on both the right and the left
- Also ideal for fully automated frame component assembly on pre-welded profiles
- Efficient upgrading up to intruder resistance level 2 ('RC2') with jig technology/programming and standard striker plate locations; also on secondary sash elements and higher security levels
- Attractive appearance of standard and security striker plates
- Optional individual customer logo

Tilt lock bearing 56 S-RS



Frame part with sash lift roller for corner drives VSU/C 56+ with a combination of comfort mushroom cam and tilting pin:

- High level of intruder protection
- Non-handed
- Convenient to operate due to sash lift roller
- Smooth running operation due to combination with comfort mushroom cam
- Extremely low wear
- Effective production process due to optional tilt lock bearing having identical component lengths and screw points as the standard striker plate
- Short component length, can thus easily be used with pole connectors
- Uniform appearance with remaining frame parts due to the same component length (56 mm)
- Logoclip with customized customer logo possible
- Harmonious color schemes of the PVC packer with grey seals
- Integrated mishandling device and run-up plate for sash lift roller on the corner drive possible

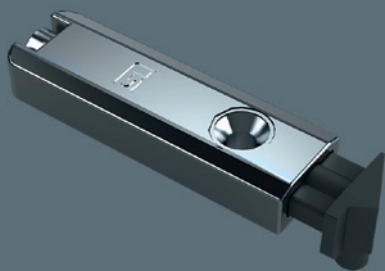
Tilt lock bearing S-ES FH



Frame part for corner drives VSU S-ES with mushroom head locking cam and sash lift roller (Inliner):

- Proven burglary resistance by combining S-ES-pins with S-ES FH tilt lock bearing; can be used from basic security up to higher classes
- Can be used on the right or the left due to integrated PVC run-up on both sides for the inline sash lift, and therefore a lower number of components are required
- Solid steel upper part
- Many years of experience since it is already used in FAVORIT
- Harmonious color schemes of the PVC packer with grey seals

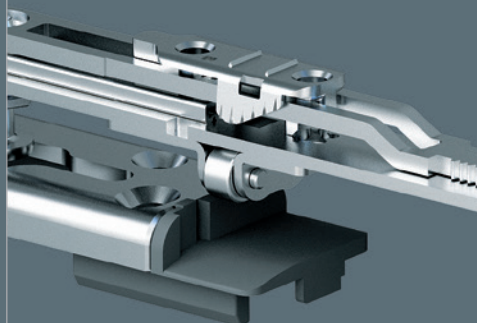
Snapper



When closing a door, the sash is pulled towards the snapper, which holds it in the closed position:

- The standard snapper has a particularly low wear rate and an adjustable latching force
- The comfort version of the snapper is equipped with a release function in tilt mode
- The standard striker plate is used as the snapper frame component, ideal for reducing assembly time and stock-keeping

Sash lift



The sash lift not only represents ease of use, but also supports long-term operational reliability. Two different versions are available:

Sash lift roller (Inliner):

- Guarantees easy closing even after years of use
- Allows the sash to enter the frame softly
- Bottom mounting also guarantees the effect in tilt position
- Can also be used on secondary sashes
- Can be integrated into all conceivable windows, for example for round arch or pitched windows
- An additional blind frame part is not necessary since the run-up is integrated in the inserted tilt lock bearing

Sash lift with handle:

- Very gently lifts the sash from the turning position when closing
- It is adjustable, its lifting capacity can thereby be optimally adapted to the circumstances of the window
- Retrofitting is no problem



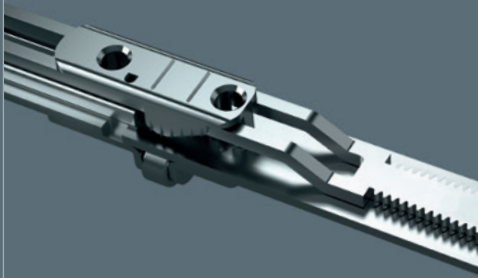
Multi-function corner drive



The multi-functional corner can be used with all sash sizes and formats and permits timely sash lifting. It has, in comparison to other corner drives, the following additional functions:

- Tilt lock
- Locking part
- Sash lifter
- Mishandling device

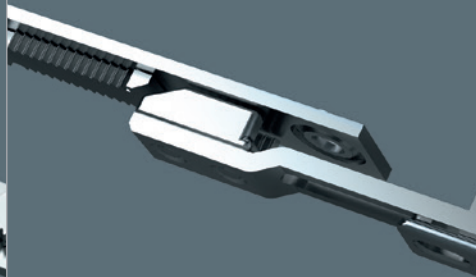
Clamping of all hardware components



Whether TITAN iP or TITAN AF – the whole family can be screwed together automatically:

- Secure clamping of all hardware elements
- Ideal for manual, semi- and fully-automated assembly
- Efficient assembly
- Permanently secured positioning of hardware components
- Screw guide hole extends down as far as the groove base
- Clamping with improved tolerances

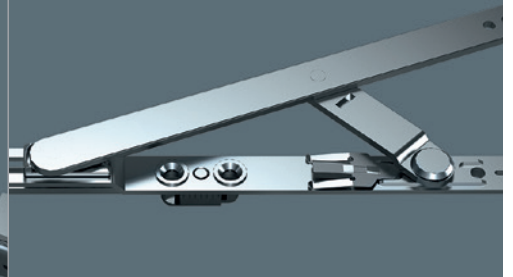
Click-on coupling feature



As the components are generally linked, only one screw per coupling point is used. In conjunction with the optimised screw guide claws, precision coupling teeth and joint chamfers, the coupling point offers the following benefits:

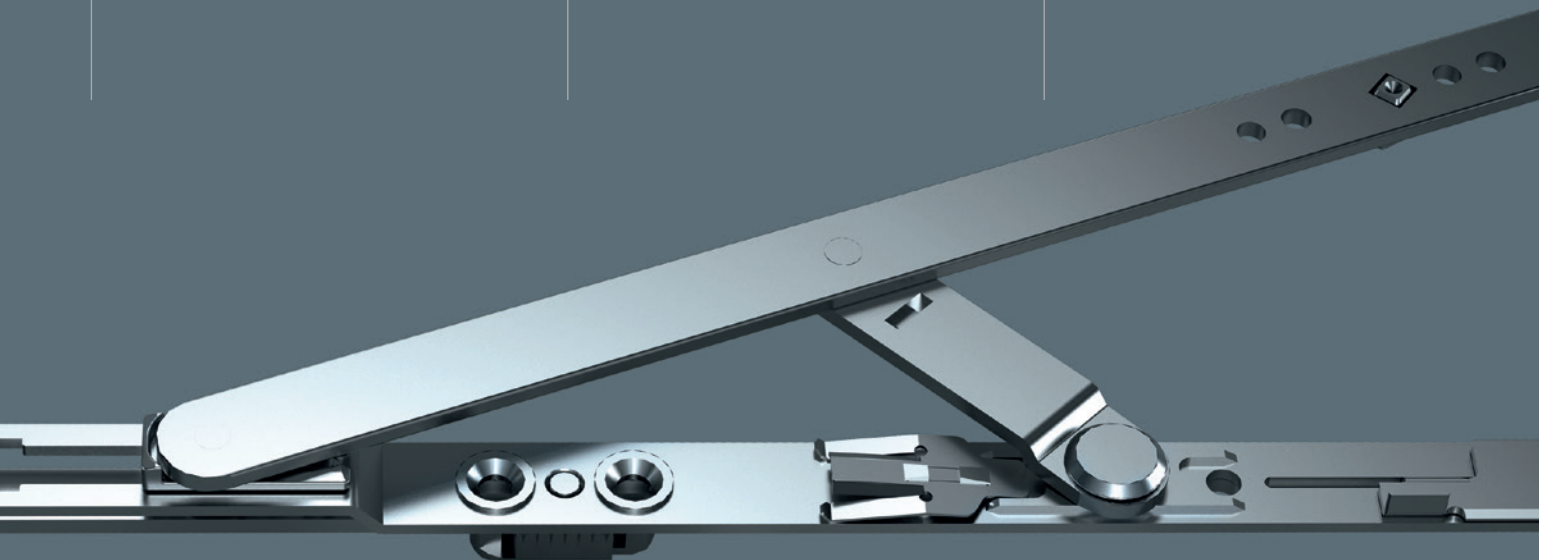
- Straightforward and secure connection of the components
- Reduced installation time
- Intruder resistance level 1 ('RC1') and intruder resistance level 2 ('RC2') versions without additional cropping procedures
- Modular design, straightforward upgrading, same components

Stay



Whether for windows or balcony doors, the stay makes closing and tilting easier and more convenient, due to:

- Smaller stay thickness means improved tolerances
- Large tilt stay lead-in for smooth and effortless locking even with very wide sashes
- Soft gliding into tilt-mode due to friction bushing
- Integrated anti-slam device in tilt-mode, which also cushions tilt operation
- Mishandling device in tilt-mode prevents sash operating errors
- High load-bearing capacity with minimum wear and improved ease of operation thanks to built-in plastic sliders as standard



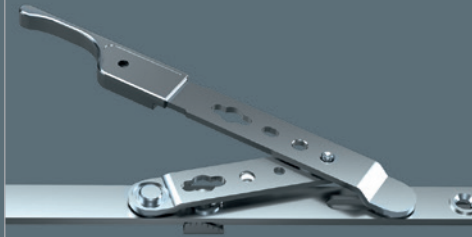
Mishandling device



Prevent sash mishandling once and for all with the mishandling device versions for all window sizes and shapes:

- No tools required
- High level of functional reliability
- Supports tilt and turn position
- Immediate effect
- Also suitable for retrofitting in windows already installed in buildings
- Total functionality in a large air gap section

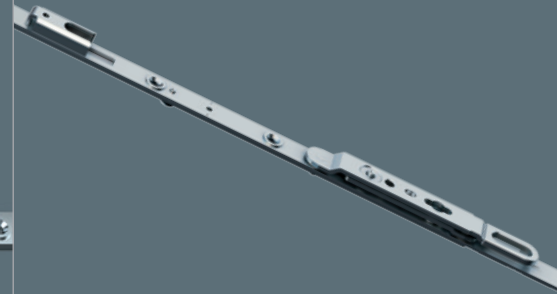
Secondary sash gear



The secondary gear sets standards in safety and convenience:

- The integrated blocking plates on the secondary sash gears prevent intruders from opening the rebate lever; this is incorporated as standard
- Attractive, functional and attachable lever extension guarantees effortless operation – even with large sashes and for a high level of intruder protection
- The same operating direction on both the primary and secondary sash ensures identical grid dimensions and striker plate positions

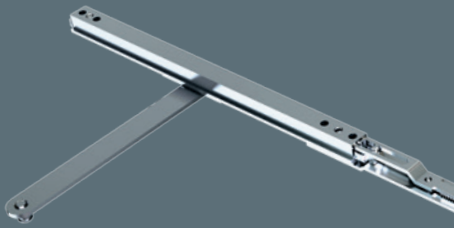
Secondary sash gear 16/7



The 16/7 secondary sash gear for timber windows sets new standards for secondary sash windows:

- Can also be achieved even with narrow face widths
- Compared to conventional solutions, the 7 mm eurogroove is only half as deep and therefore unique
- The eurogroove only needs to be 7 mm deep. This greatly reduces the amount of material that needs to be cut away, thereby saving considerable time and money during production
- Larger glass surfaces can be used to thus create greater light incidence and more ambiance
- Welded striker plates with integrated blocking plate
- Closing the primary sash automatically locks the secondary sash in place to preventing intruders from manipulating the hardware from the outside again
- Burglar resistance up to RC2
- Smooth opening and closing with the optional handle extension on the secondary sash

Sash brake



The sash brake limits the rotary opening of the window sash and acts as a firm brake against any independent or inadvertent opening and closing of the window sash. Even with strong drafts, the sash brake holds the window sash in the open position, for example, when airing:

- Individually adjustable opening width: locks the sash in the desired position
- High level of functional reliability from overload protection
- Fully concealed
- Easily retrofittable

Energy saving stay

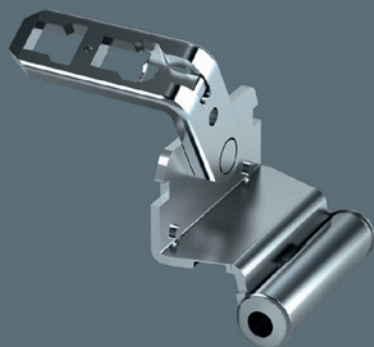


We don't skimp on detail, so your customers can save energy. For example: the summer/winter ventilation mode thanks to the energy saving stay. The small tilt opening depth of the sash ensures a reduction of energy costs when in the winter ventilation mode. Retrofitting this on windows already installed in buildings and equipped with SIEGENIA window hardware does not involve much time or expense:

- Summer ventilation mode: for the standard tilt position
- Winter ventilation mode: approx. 40 mm tilt position
- Activation of winter ventilation mode in one easy step without any tools
- Easy retrofitting
- Integrated anti-slam device



Stay hinge



The stay hinge is installed by simply snapping it into the stay arm. The stay hinge is a non-handed component and can be turned for right or left operation:

- No tools required
- Permanent secure connection
- Convenient stay hinge coupling ensures efficient, timesaving installation
- Offers logistical benefits thanks to its non-handed, compact components
- The integrated turn resistance prevents the sash closing from closing while in the turn position, eg: in the event of a draught

Surface mounted hinge side TITAN KF



The appeal of the surface-mounted TITAN hinge sides for timber and PVC windows lies in their unique design, high levels of security and numerous advantages in the fabrication process:

- Excellent, slimline design
- Flush with the rebate overlap on the top and bottom
- All screws are concealed by the hinges
- Applicable up to 100 kg or 130 kg with identical frame clearance
- Equipped with plastic bearings for low maintenance
- Compression adjustable corner hinge
- Can be hinged in every opening position thanks to the polygon-shaped top hinge pin
- Integrated friction hinge by means of polygon-shaped pin
- Entry protection in tilt mode
- Sealing chamfer and beading in the stay hinge
- Fixings in-line
- Can be prepared prior to welding
- Cover caps and coated versions available



Surface mounted hinge side TITAN timber



In addition to a nice design and greater security, the overlying TITAN hinge side for timber windows also brings manufacturing benefits:

- Excellent, slimline design
- Flush with the rebate overlap on the top and bottom
- All screws are concealed by the hinges
- Applicable up to 150 kg with identical frame clearance
- Equipped with plastic bearings for low maintenance
- Can be hinged in every opening position thanks to the polygon-shaped top hinge pin
- Integrated friction hinge by means of polygon-shaped pin
- Entry protection in tilt mode
- 30 mm double diameter rebate cutout in timber systems for reducing the thermal bridge
- Fixings in-line
- Can be prepared prior to jointing
- Cover caps and coated versions available



Surface mounted hinge side TITAN heavy duty

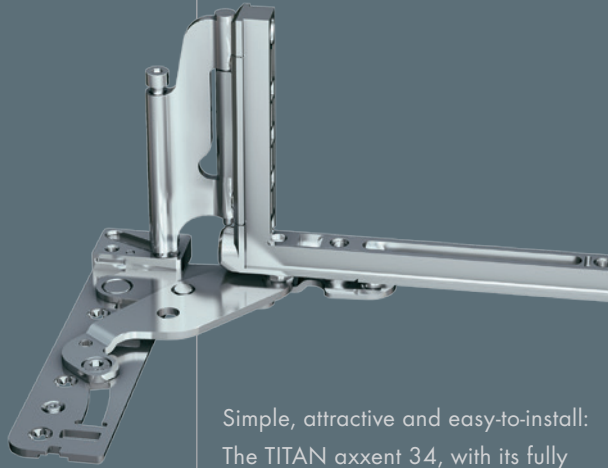


The TITAN heavy duty surface mounted hinge side allows heavy sashes to be moved with ease. Its notable features include a high level of security – even with heavy window elements – and an elegant design:

- Smooth opening for tilt and turn sashes up to 200 kg and turn sashes up to 300 kg
- Wear resistant thanks to an optimal combination of steel and die cast metal along with a special surface treatment
- Simple installation of the sash thanks to a bottom hinge pin with friction hinge
- Insertion of the top hinge pin possible in every sash position
- Easy height and lateral adjustment, even for heavy sashes



Concealed hinge side
TITAN axxent 34

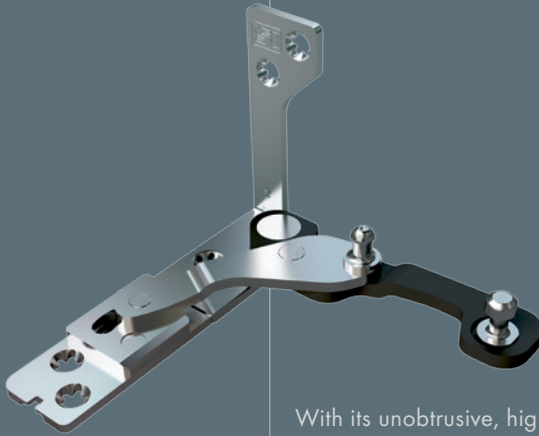


Simple, attractive and easy-to-install:
The TITAN axxent 34, with its fully concealed pivots, responds to the trend for sophisticated architectural concepts with slim profile designs and high light transmittance:

- For timber and PVC windows with at least 35 mm rebate width
- Load-bearing capacity up to 130 kg without additional part
- Optimal load transfer in the frame thanks to an innovative and unique supporting arm made of high tensile steel
- The bottom hinge pin is hardened and slides back and forth on two grooved pins with virtually no wear
- Perfect kinematics preserves the seals and also ensures a long term full functionality
- The bottom hinge is kept clean thanks to an attractive cover cap
- 95° opening width
- Sash is easy to fit in the turn or tilt position
- Easily accessible 3D adjustment



Concealed hinge side TITAN axxent 24⁺



With its unobtrusive, high-quality appearance, this new concealed TITAN axxent 24⁺ hinge side is further evidence that invisibility is now the symbol of quality and style:

- For timber and timber-aluminium profiles with at least 24 mm rebate width, as well as for PVC profiles and aluminium systems with a 16 mm eurogroove
- High load-bearing capacity up to 150 kg without additional part
- Compact design ideal for windows with small dimensions
- A high degree of pre-assembly ensures quick fabrication time and lean warehousing
- Low storage costs due to a few number of models
- Infinitely variable pressure adjustment on upper and lower pivot for optimal closing
- Particularly low-wear and durable
- The bottom hinge is kept clean thanks to an attractive cover cap
- Sash is easy to fit in the slightly opened or tilt position
- Easily accessible 3D adjustment



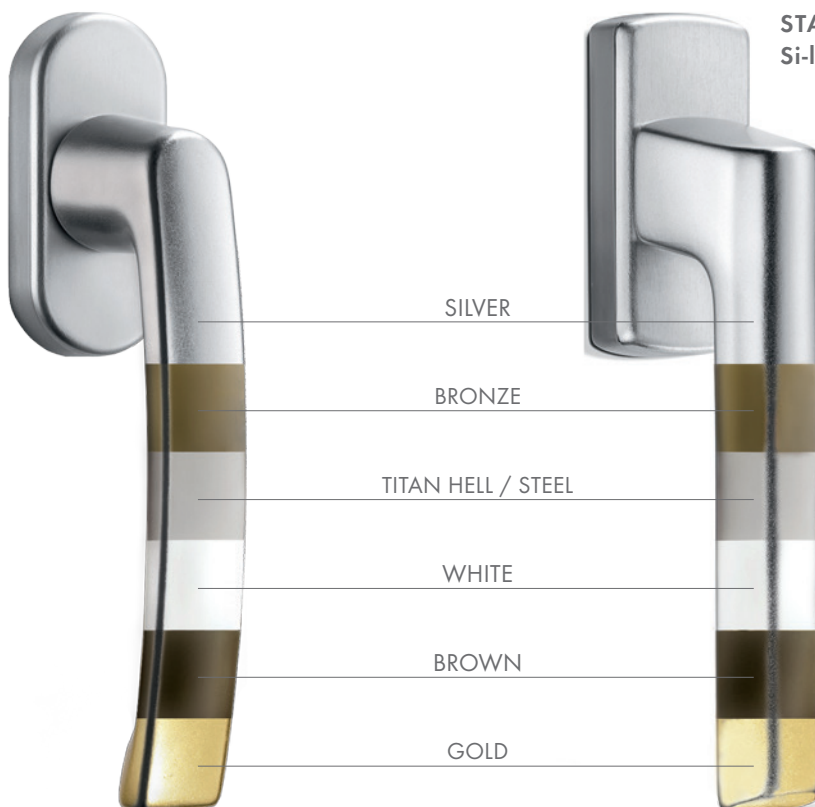
Our handle lines Si-line and TITAN GLOBE. Designed to perfection.

We have a handle on quality –

This is characteristic of the TITAN GLOBE series handles and our proven Si-line. This quality results from the ideal combination of aesthetics, ergonomics, functionality and material. Furthermore, our handle line convinces with maximum functional safety and an optional choice of colours.

- Innovative, ergonomic design
- Comfortable and easy handling
- Available in various colors for all the demands of modern architecture
- Ensures a continuous and optimal lock-in position
- Suitable for timber and PVC windows
- High degree of security against unwanted guests due to the Secustik and pressure key versions and the lockable handles
- TBT handle prevents unauthorised rotary opening (no turning position without key possible, two-hand operation)
- Night vent with additional 45° raster possible

STANDARD DESIGN
TITAN GLOBE



STANDARD DESIGN
Si-line

Overview TITAN GLOBE handle.

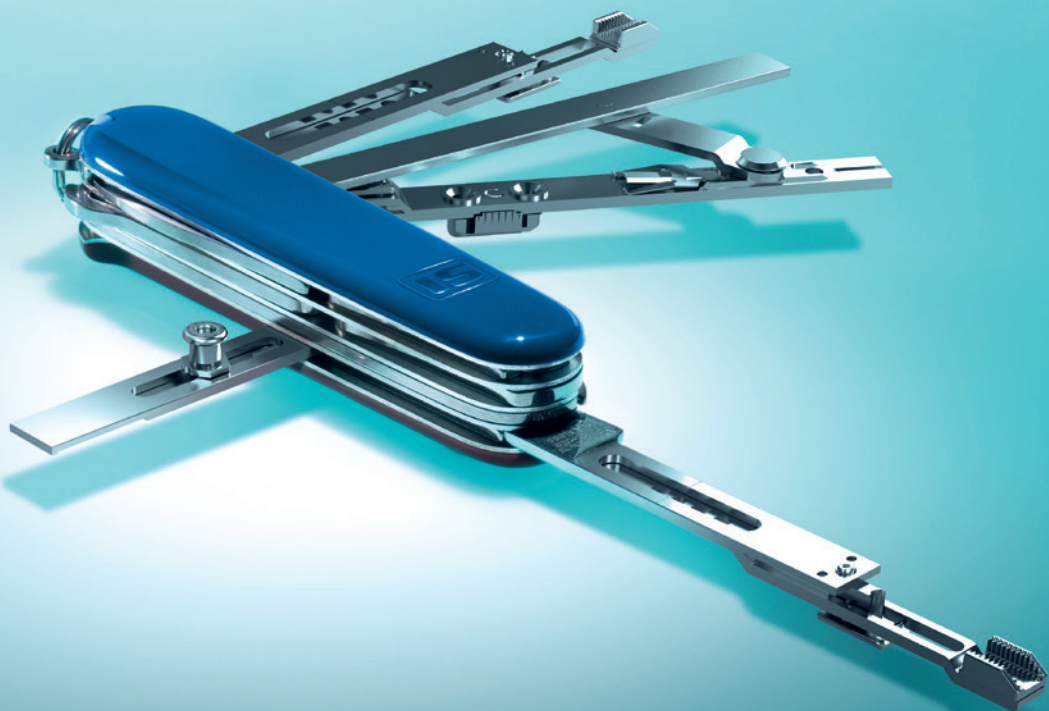
Standard*	<ul style="list-style-type: none"> ▪ Available in all colours ▪ With optional SIEGENIA logo
Secustik*	<ul style="list-style-type: none"> ▪ Automatically prevents hardware manipulation from outside ▪ Burglars can no longer force the window open
40 Nm, lockable**	<ul style="list-style-type: none"> ▪ Price-optimised ▪ With pressure cylinder (push to close, key release) ▪ With optional SIEGENIA logo
100 Nm, lockable**	<ul style="list-style-type: none"> ▪ With optional Secustik function ▪ With pressure cylinder (push to close, key release) ▪ Tested in accordance with DIN EN 1627-1630
Pushbutton handle	<ul style="list-style-type: none"> ▪ Automatically prevents hardware manipulation from outside ▪ Press button to unlock; when locking, the handle blocks automatically
Tilt & turn element**	<ul style="list-style-type: none"> ▪ Use with respective TBT- (Tilt before Turn) hardware ▪ 40 Nm, lockable ▪ To reach the turning position, you must use the key separately (increased protection against unauthorised rotary opening)
Night vent handle*	<ul style="list-style-type: none"> ▪ With 45° lock-in position ▪ Available as a standard or lockable version (40 Nm)**
Flat handle	<ul style="list-style-type: none"> ▪ For locations where little space is available for the handle, e.g. with roller shutters ▪ Also for use with fold & slide hardware
Removable handle with push-on rose	<ul style="list-style-type: none"> ▪ Rose is securely mounted, can be pushed open; handle is removed and can be mounted at any time
TL/PZ and TL/PZ flat	<ul style="list-style-type: none"> ▪ For balcony and terrace doors (patio doors) ▪ Includes handle inside and out and PZ rose inside and outside ▪ TL/PZ flat for places where the outside handle would be too high (e.g. with roller shutters or window shutters)



* Handle is visually the same as the standard version.

** Handle is visually the same as the lockable version.

Whenever you need us:
We're here for you.



Our surfaces: durable and high quality.

Durable surfaces.

A special climate creates special demands – and, of course, also regarding hardware quality as well. That's why our TITAN hardware are made from high quality materials and have first-class surfaces. Depending on the type and location, these not only offer an extremely effective corrosion protection against general environmental influences, but also protection against the stresses of extreme climate and weather conditions.

Whether it be in a wind protected urban area or close to the coast: A perfectly matched TITAN surface ensures minimal wear, lasting functional reliability and a long lasting beautiful appearance. This will save you and your customers from some nasty surprises and complaints.

The SIEGENIA TITAN surfaces. Ideal for demanding projects.

	 <p>Standard surface TITAN silver</p>	 <p>Special surface E-Look</p>	 <p>Stainless steel hardware TITAN AF-X</p>
PROFILE MATERIAL	Timber, PVC	Timber, PVC	Timber (also Accoya wood), PVC
CORROSION PROTECTION AGAINST GENERAL ENVIRONMENTAL INFLUENCES (DIN EN 1670)	Highest class 5, > 480 h salt spray test	Highest class 5, > 1000 h salt spray test	Corrosion-free
CAN BE USED NEAR THE COAST		■	■
RESISTANT TO AGGRESSIVE CLEANING AGENTS, ACIDS, CAUSTIC SOLUTIONS AND DILUTING AGENTS			■
PROTECTION DESPITE SURFACE DAMAGE	■	■	■
MATERIAL	Steel, zinc plated and sealed	Steel with zinc-nickel coating	Stainless steel
APPEARANCE	Silvery shine	Stainless steel, grey matted	Stainless steel, brushed
SPECIAL CHARACTERISTICS	Best and most durable standard surface on the market	Over 15 years tried and tested over the long term at coastal locations across the world	Only stainless steel turn-and-tilt hardware on the market

If there was an innovation award
for window hardware,
TITAN would win gold.



Crystal-clear criteria for window hardware.

The QM 328 certification programme, developed by the Rosenheim Institute for Fenestration Technology ('ift') is currently the most stringent test by far for Turn-Only and Tilt & Turn hardware. Apart from the durability test for hardware with 25,000 turn cycles, the hardware is also subjected to other tests, e.g. with additional loads or against a rebate obstruction.

In addition, within the framework of its certification programme, the Rosenheim Institute requires a comprehensive quality audit of the hardware manufacturer, continuous self-monitoring by means of a predefined Factory Production Control (FPC) as well as regular external monitoring by an independent test laboratory.

ift Q-Cert for SIEGENIA.

In order to receive the new certification, we had all frame materials tested in the test series prescribed by the ift. The result: SIEGENIA is the first hardware manufacturer worldwide to receive the ift Q-Cert mark.

This not only ensures consistently high product quality for our customers, but also the interchangeability of the hardware tested, as specified in the certification regulations. This leads to substantial time savings and offers window manufacturers faster and more cost-effective conversion to innovative new developments.



THE TEST SEAL AWARDED BY THE ROSENHEIM
INSTITUTE FOR FENESTRATION TECHNOLOGY
GUARANTEES THE CONSISTENTLY HIGH PRODUCT
QUALITY OF THE HARDWARE TESTED.



Simply better in business: ADVANCE



Tailor-made services for management, sales and technology.

Am I wasting production time?

Am I exploiting my turnover potential to the full?

Whoever asks these uncomfortable questions will have a successful business in the long run. As soon as you find the right answers, you can extend your lead.

Easier said than done – but not with ADVANCE Business Support, our tailor-made consultancy and services programme for small and large businesses.

The ADVANCE programme will support you in important management, sales and technical issues. We have bundled our know-how into service packages. These are available either individually by topic, or in any combination.

Hence, ADVANCE is tailored perfectly to suit the requirements of your business. It helps your company to use high-quality products more efficiently and offers opportunities to distinguish yourself from the competition.

ADVANCE Management



Thanks to clearly structured processes and effective lean methods, our training and consultancy packages will increase your efficiency and improve your chances of success.

- Weak point analysis of the entire process chain
- Production optimisation for shorter lead times
- Smooth product conversion and tailor-made data systems technology
- Greater investment security and professional order processing
- Development of planning and control systems

ADVANCE Marketing | Sales



We will sharpen your sales arguments and support you with in-house fairs and exhibitions to assist you in the successful retention and acquisition of customers.

- Training on targeting product benefits during sales discussions
- Opportunities for more intensive customer dialogue and for improved advice
- Meaningful sales support relating to the added value of your products
- Greater revenue opportunities and time savings with the SIEGENIA manuals on system security

ADVANCE Technology



Therefore, in addition to the latest testing technology and certification advice, ADVANCE offers a broad programme for training your staff.

- Window testing for various compliance requirements
- SIEGENIA test certificates for key sales arguments: security, weather tightness and acoustic insulation
- Consultancy and training programmes on legislation, standards and technology
- More turnover from new business areas and additional business
- Efficient spare parts and repair service



Simple, secure, smart.



Electronic monitoring – a logical addition.

Open, tilted or even securely closed? To be sure of this at any time, all it takes is one glance at iWindow on your smartphone. Whether you are off to bed, leaving the house or even out and about: this intelligent system offers you a simple and effective way of doing a full security check of your windows.

Prevention that pays.

What use is the most modern secure hardware if windows are frequently “forgotten” and are either left tilted or even left open unnoticed? More than 15 % of break-ins through windows, French windows and patio doors occur as a result of individual carelessness*. Break-ins which are actually avoidable with a handy, but effective status monitoring system.

Automatically more security.

Reliable window monitoring and security hardware mean that break-ins are virtually a thing of the past. Even an attempted break-in can be detected at an early stage and a potentially dangerous situation can be monitored easily via motion detectors and circuit cameras.

iWindow doesn't simply increase security. With the versatile software and multi-functional app, effective window monitoring is just the start!

Discover the unique freedom of using iWindow to convert your entire collection of electronic gadgets into a mobile control and monitoring system – irrespective of the make! It enables numerous individual devices to be imported and linked into a convenient “Connected Home” network. And you can manage and monitor this intelligent network with one single app. Any time, anywhere, by simply using your smartphone, smartpad or tablet.

An all-encompassing system.

iWindow can be upgraded at any time with the latest technology, and is also capable of integrating existing, conventional consumer appliances which are infrared or WiFi based. Naturally, iWindow makes it possible to access electronic multi-point locks or open and close windows with motorised drives. From digital media and entertainment electronics to building and security technology, to IP security cameras and lighting: iWindow enables you to connect everything to one system.

More information can be found at:
www.iwindow.de

* Police HQ Cologne, „Kölner Studie“ 2006

> iWINDOW MAKES FOR A SAFE, COMFORTABLE AND ENERGY EFFICIENT HOME: MONITORING WINDOWS AND DOORS, ACTIVATING A SMOKE DETECTOR, REPORTING BROKEN GLASS, OR HAVING SWITCHABLE SOCKETS WITH POWER CONSUMPTION MEASUREMENT.



Fenster



Heizung



TV



Clean air. Straight to your home.

-  Passive ventilator
-  Supply air and exhaust air
-  Sound insulation
-  Suitable for bedrooms



AEROMAT midi.

The clever passive ventilator with its double locking mechanism impresses with its volumetric flow limiter and an insect mesh integrated in the weather grille. Thanks to the natural pressure differential and effective sound absorption, the air supply can be controlled automatically, resulting in greater convenience for the end user.

AEROMAT mini.

The energy-saving passive ventilator offers big benefits for the smallest room: its fresh air supply with volumetric flow flap ensures a comfortable living environment. You can also open and close the air inlet manually using the optional turn lock. It can be easily installed in timber, PVC and aluminium windows so that it is almost invisible.

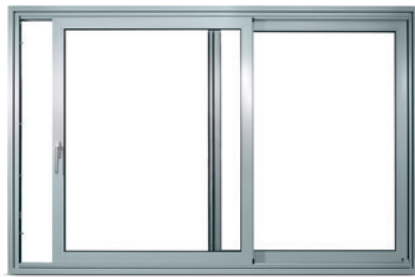
This much convenience can only be found in SIEGENIA products.



DRIVE

Smarter living at the press of a button.

The secret to enjoying a high quality of life in a modern home is having the right system. The central component in this system is intelligently networked building technology in the form of motorised drives and locks, as well as intelligent monitoring systems. Our trend-setting concepts open up the possibility of an entirely new level of home comfort every day while remaining fully accessible for the elderly in particular. This is supplemented by significant benefits in terms of security, energy efficiency and indoor environment.



PORTAL

Making light work of heavy doors.

Expansive glass surfaces add freedom, comfort and light to your living space. To ensure that airy design does not entail difficult handling, we are developing extremely smooth running hardware – even for sliding elements weighing up to 400 kg. Design variety, comfort and safety are not either-or criteria, but are the greatest common denominator of our sliding door solutions – from manufacture and installation up to operation.



KFV

The key to secure doors.

Door hardware it is not just about locking or resistance classes, but also about the feeling of safety and security – whether in your own home, at work or in public buildings. KFV supplies modern locking systems of all kinds, from reliable mortise door locks to multi-point locks to the versatile panic door lock system. Our experience and innovation allow us to combine maximum product quality with utmost efficiency and economy.

SIEGENIA®

brings spaces to life

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