WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS

WINDOW TECHNOLOGY – ORDER CATALOGUE

The Fold&Slide hardware range with UNI-JET central locking system

THE CENTRAL LOCKING SYSTEM PRINCIPLE

Edition 01/2018

- Modern window solutions
- Profile systems for Fold&Slide elements
- Fold&Slide hardware components
- UNI-JET central locking system
- UNI-JET frame components
- Drilling jigs and auxiliary tools

Securing technology for you

Modern technology – the Gretsch-Unitas Group

By courtesy of kap Planungsbüro für Bauleistungen GmbH, Fellbach

Commitment to tradition – setting the highest design an quality standards

A corporate group with tradition

For over 100 years, the owner-managed GU Group has been fascinated with the opening, moving, closing and locking of windows and doors. Technical innovations and continual development of architectural hardware technology have and will continue to shape forces in the market, setting new standards and trends for the future.

The Gretsch-Unitas Group

The corporate group consists of more than 50 manufacturing and sales companies in 35 countries. With the internationally leading brands GU (architectural hardware), BKS (locks, locking systems), GU Automatic (automatic entrance systems) and FERCO (architectural hardware), the group offers "Securing technology for you".

Corporate group product overview

In its window technology, door technology, automatic entrance systems and building management systems divisions, the GU Group manufactures and distributes about 30,000 single items which are easy to combine.

Securing technology for you

We use the major challenges of creating innovative and visionary system solutions to break new ground. Together with architects, planners and profile system manufacturers, we develop individual comprehensive solutions.

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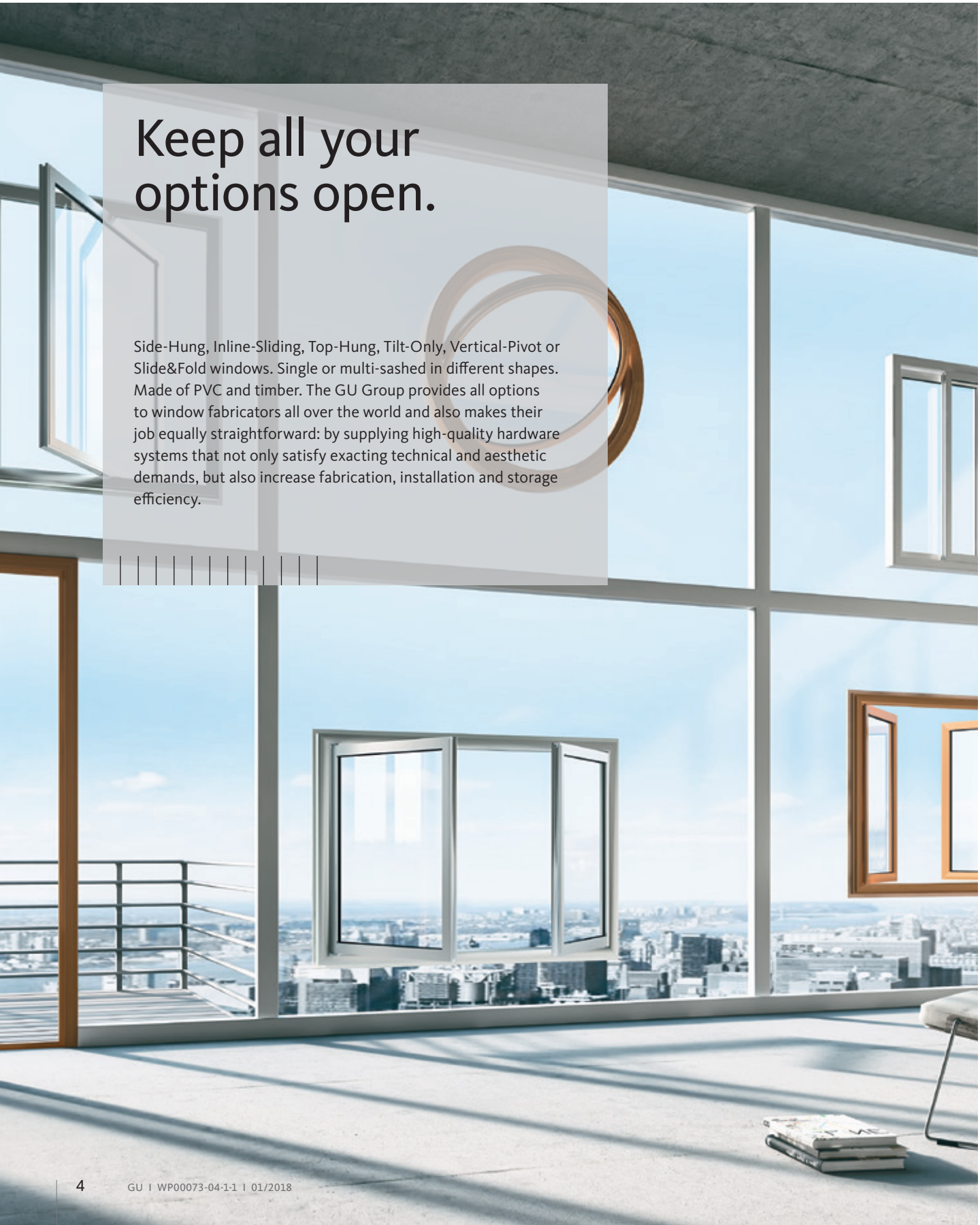
Keep all your options open.

Side-Hung, Inline-Sliding, Top-Hung, Tilt-Only, Vertical-Pivot or Slide&Fold windows. Single or multi-sashed in different shapes. Made of PVC and timber. The GU Group provides all options to window fabricators all over the world and also makes their job equally straightforward: by supplying high-quality hardware systems that not only satisfy exacting technical and aesthetic demands, but also increase fabrication, installation and storage efficiency.



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Unlimited scope for architectural design, up to 130 kg

Fully-fledged technology of a new generation of Fold&Slide doors

Unique combination of bogie and guide rolls

With the new generation of Fold&Slide hardware, permissible sash weights of 130 kg and element widths of up to 6700 mm can be achieved. More glass can be incorporated in window elements with large sash widths of up to 1000 mm which allows light to flood into rooms.

Once opened, the sashes can be easily and conveniently moved to the side and parked. This allows unrestricted use of the internal living space and outdoor terrace space and also blurs the boundaries between the two.

Six plastic-coated ball bearing supported rolls mounted in each bottom bogie guide the sash precisely and quietly in the three grooves of the roller track. The guide rolls at the top of the sash also feature two ball bearing supported plastic-coated rolls. Thanks to this unique combination, even large and heavy Fold&Slide elements can be moved safely and effortlessly.

A brush seal seals the guide track on the floor which prevents dirt entering the roller track.

The guide roll at the top in combination with the bottom bogie ensures that sashes can be operated quietly and effortlessly

Increased burglar inhibition

The screw connection of the sash hinges provides increased burglar inhibition and is elegantly concealed by metal cover caps. These caps can only be removed when the sash is in the open position.

Horizontal adjustment range **+1.5 / - 5.0 mm**

Vertical adjustment range **+2.0 / - 2.0 mm**

The GU sash hinges can for the first time be adjusted in two dimensions, both horizontally and vertically.

The central locking system which can be installed on each individual sash is another way to optimise burglar inhibition. The sashes are also locked into the threshold at the bottom.

The optionally available opening and locking monitoring set satisfies more stringent security requirements. If the magnetic field that forms the connection between the components under surveillance is interrupted, this is signalled via the alarm control unit.

Increased burglar inhibition due to concealed screw connection of sash hinges

Fold&Slide hardware		
	Timber	**PVC**
Designation	**GU-923**	**GU-923**
Sash weight [kg]*	up to 130	up to 80
Sash width [mm]*	1000	1000
Sash height [mm]*	2350	2350
Number of sashes*	2–7	2–7
* Depends on the processing guidelines of the profile manufacturer		

convenience and security

Intelligent architectural hardware and burglar inhibition in harmony

Central locking system Cleverle with automatic cams: Simplified inventory management due to tried-and-tested UNI-JET modular principle

UNI-JET central locking system

The central locking components required for the elements come from the successful UNI-JET Tilt&Turn hardware range. The face-fixed or fully concealed UNI-JET stay bearings and pivot rests can be used. All locking points feature automatic cams which provide ingenious clearance compensation.

The different climatic conditions in the summer and winter frequently lead to changes in the locking cam settings. The automatic cam adapts to the clearance tolerances of its own accord. This makes opening and locking via the window handle especially easy and significantly reduces the adjustment effort during fabrication and on-site.

By using standard components, this significantly reduces the inventory costs of fabricators of timber and PVC window elements.

Height-adjustable sash hinge, view from outside; the screw connection is concealed from the outside which increases burglar inhibition

F&S pivot rest

The F&S pivot rests are accurately and securely fixed to the sash using 3 supporting bolts at 3 screw fixing points. The sash hinges are equipped with infinitely adjustable bearing pins and are therefore ideal for adjusting the sash to suit a wide range of profile systems.

In addition to the wide horizontal adjustment range, large vertical adjustment is now possible for the first time.

Vertical adjustment range +3.5 / - 1.0 mm

A scale helps make these adjustments quickly and precisely which is a huge advantage with existing elements in projects.

The standard GU-922 sash hinges and pivot-rests are suitable for all profile systems with overlap heights between 15 and 26 mm – packers are not required!

Once installed, metal cover caps are fitted on the sash hinges and are extremely easy to remove again in order to make adjustments at the open element.

Height-adjustable sash hinges, view from inside; the caps of the sash hinges can only be removed in the open position

Accessibility

Space for unlimited possibilities

Barrier-free construction in accordance with DIN 18040

The meaning of "barrier freedom" in the true sense goes far beyond the notion of making public and private rooms accessible to persons with physical limitations eg making public and private spaces available to wheelchair users so they can access these independently without the assistance of others. In fact, it also defines situations that suddenly arise and can frequently be encountered by anybody in everyday life in which personal mobility is restricted by the specific situation. This could be a person with a pushchair, or an injured sportsperson on crutches or someone travelling with heavy bulky luggage.

Barrier-free construction increases safety and added convenience for everyone: irrespective of age and health, the usefulness of a building and therefore quality of life is significantly improved. This makes barrier-free construction not only a social responsibility, it also makes a significant contribution towards safeguarding the future of a building and thus protecting the investment in the long term. Barrier-freedom is becoming a basic requirement to be met by a building and products that satisfy these requirements will achieve commercial success.

Our new Fold&Slide hardware system satisfies these requirements in every respect and is even available as a standard solution: each Fold&Slide system can have a barrier-free design (depending on the profile) without requiring additional components such as a special threshold.

The flat GU system threshold can provide a maximum passage width without obstructions. Frame parts that anchor the sash to the floor do not represent a tripping hazard by projecting out of the floor when the sashes are parked at the side and instead recessed in the threshold in the floor.

Even heavy large sashes can be effortlessly opened and moved safely and to the side thanks to ball-bearing supported, plastic-coated rolls in the bottom bogie and the top guide roll. Not only older persons or persons with restricted mobility appreciate this, but also service employees in the gastronomy industry for example, who value fast, short and obstruction-free routes in the outdoor area of the restaurant.

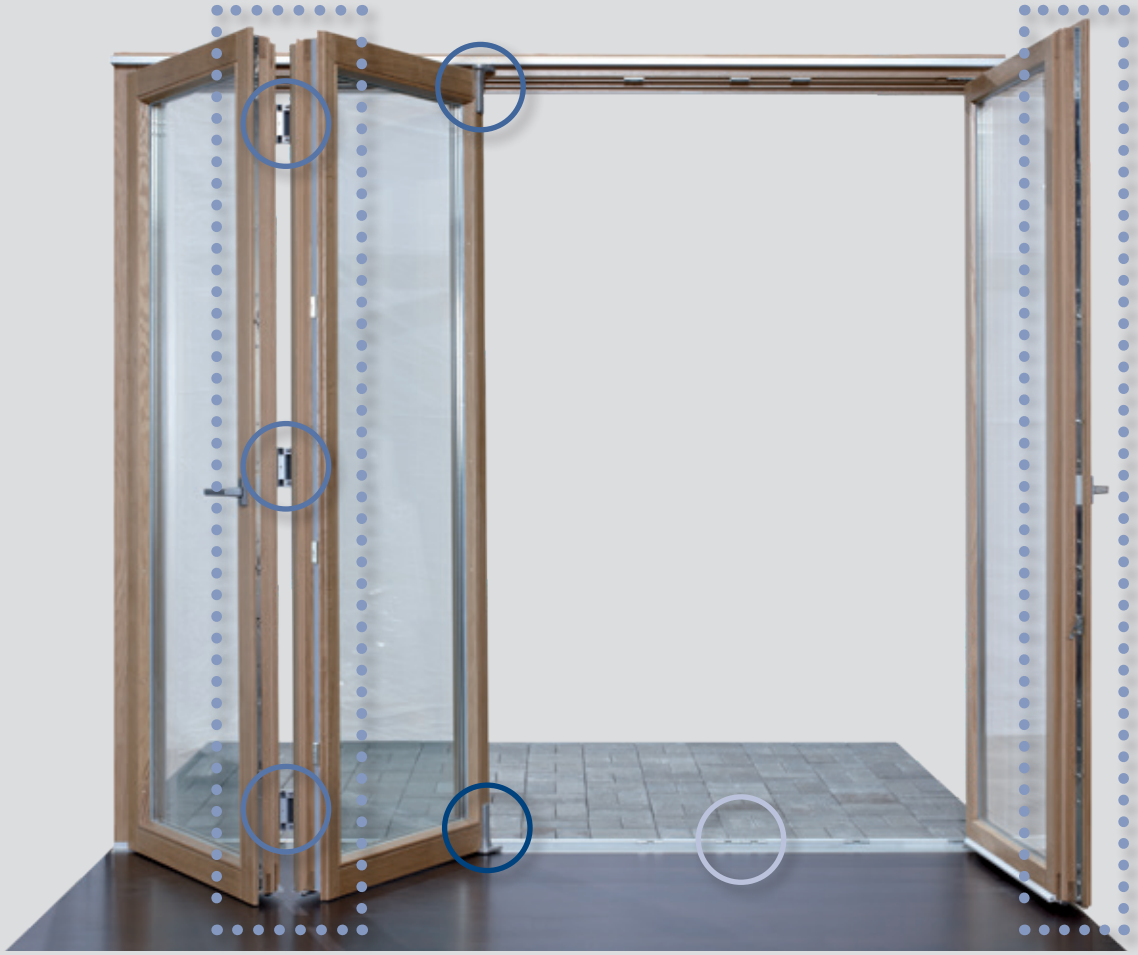
Even heavy and large sashes can be pushed effortlessly and safely to one side in order to achieve the maximum opening width for unobstructed passage

A threshold which is easy for wheelchair users or persons with restricted mobility to negotiate without obstructions, eg upwards projecting frame parts that anchor the sash to the floor

Suitable for barrier-free construction to DIN 18040

Innovative architectural hardware at a glance

The new generation of Fold&Slide elements



Carriage at the bottom: sash weights up to 130 kg; 6 ball bearing supported and plastic-coated wheels

Safety and convenience during operation of all sash sizes!

Guide roll at the top: 2 ball bearing-supported, plastic-coated rolls

Quiet and effortless movement of large and heavy sashes!

Sash hinges and pivot-rests: fully concealed screw connection; can be adjusted in horizontal and vertical position

Increased burglar inhibition & optimum installation conditions!

UNI-JET central locking: can be mounted on individual sashes; use of standard components and also UNI-JET SC

Increased burglar inhibition & reduced warehouse overheads!

Use of barrier-free **GU system threshold** possible depending on profile system, threshold height 20 mm

Suitable for barrier-free construction to DIN 18040

Suitable for barrier-free construction to DIN 18040

For universal use: the UNI-JET central locking system

One solution fits all – the central locking system principle
With the UNI-JET central locking system, the GU group supplies a hardware system which can be used universally for all PVC, timber or aluminium window shapes with a 16 mm hardware groove: from Tilt&Turn windows to Horizontal-Pivot and Vertical-Pivot windows through to Tilt&Slide and Fold&Slide balcony-doors. Special shapes, such as round-arched, basket-arched and pointed-arched windows are possible using a small number of additional components.

Efficient storage, manufacturing and installation
As the central locking system can be used universally, different hardware systems are no longer required during manufacturing: this reduces the expenditure for storage and reordering and simplifies installation. As the system requires comparatively few hardware components, which can be flexibly used in different opening types, this not only guarantees easy installation but also reduces the number of individual components to a minimum.

Integrated security benefits
In addition to opening and closing conveniently, window hardware is also required to satisfy another important criterion – burglar resistance. The design of the central locking system is always the same irrespective of the required security – from basic security through to the tested burglary resistance classes RC 1 N, RC 2 N and RC 2. The configuration of burglar resistance classes is determined most importantly by the selection of different strikers.

One solution for all window types and materials. Special central locking systems are only required for the Lift&Slide systems and with ALU-JET hardware system.

Tilt&Turn window

Horizontal-Pivot window

Vertical-Pivot window

Parallel Tilt&Slide window / balcony-door

Parallel-Slide window / balcony-door

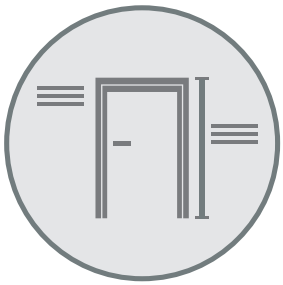
Fold&Slide window / balcony-door

Systematic service

Securing technology for you

confiGUrator

The right products in the right quantity: the practical confiGUrator is an online platform where part lists and hardware sets can be precisely determined. Based on the specifications for the particular project, a technically correct parts list is generated within seconds. The data is determined based on current conditions and fundamental technical principles.

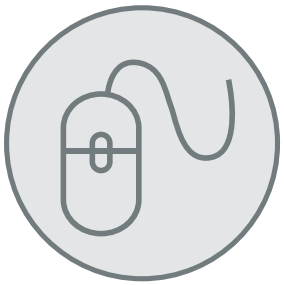


Hardware data service

Individual, accurate and comprehensive: GU's hardware data service generates hardware master data as defined in our catalogues or according to the fabricator's individual requirements. As a result, the customer has access to project-specific hardware data with commercial and technical details.

Tender-Text-Manager

Comprehensive, reliable and technically up-to-date: with the Tender-Text-Manager, the GU group provides its customers with a convenient and effective online tool that allows them to effortlessly compile technical specifications and complete tender text specifications – for all of GU's products.



Customer Information System

Available at the click of a mouse: the Customer Information System (CIS) is an ordering and information system for all GU group products. Customers can use the online platform 24/7 to access important information: from preparing a quotation all the way through to carrying out an availability check in real time, and from placing to tracking of orders.

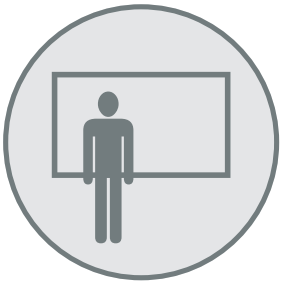
A product on its own is not a solution. The correct level of security, function and cost effectiveness can only be achieved with the right planning and by ensuring correct application. The GU Group therefore also applies the systematic thought processes demonstrated in its product range to its service offering. Close interlinking of one-to-one expert advice, free online support and a comprehensive programme of technical seminars aims to make the day-to-day work of customers easier.

Order by Scanning (ObS)

The ordering system for streamlined logistics: Order by Scanning (ObS) is an easy-to-use scanner ordering system for recording requirements in production, warehouse and administration. The data is scanned via special barcode labels and transmitted to the GU group directly online. The corresponding order number is displayed immediately and the status can be conveniently tracked online.

Logistics

Saves space and time: with the flat and ergonomically-optimised UNI-JET Tilt&Turn hardware packaging, the GU group ensures efficient storage and easy removal of components at the workplace. This makes day-to-day work processes faster and more efficient.



Seminars and training courses

Practical knowledge based on first hand experience: with around 160 events annually GU Group offers an extremely wide range of seminars and training courses. The programme includes product innovations and their applications, current architectural trends and standards and directives. Several seminars and training courses are certified and recognised as advanced training courses by the chamber of architects and civil engineers in Germany.

Licences and CE

Maximum security as standard: GU Group is a CE licenser for windows and balcony-doors and can undertake the CE certification on your behalf thus saving you time and effort in your day-to-day business.

Misuse and product performance

Misuse

Misuse – i.e. use not in accordance with the intended use – of the window and balcony-door hardware described in this catalogue refers to the following situations in particular:

- if obstructions are placed in the opening area between the frame and sash thus making its intended use more difficult or preventing it altogether,
- if additional loads act on the windows or balcony-doors,
- if window and balcony-door sashes are pushed or even slammed in a manner which is not in accordance with their intended purpose or is not controlled (eg due to wind) with the result that either the hardware, frame materials or other individual parts of the window sashes or balcony-doors are damaged or destroyed, or where consequential damage could occur,
- if persons reach between the sash and frame or if a person or part of their body are in this area (danger to life and limb) when closing (or pushing shut).

Maximum sash weight

The sash weights and maximum sash dimensions prescribed by the manufacturer for the individual hardware versions must not be exceeded. The component with the lowest permissible load-bearing capacity determines the max. sash weight. Application diagrams and assignment of components must be observed.

Sash sizes

The application diagrams in the planning documents, product catalogues or hardware installation instructions show the relationships between the permissible sash widths and sash heights and different glass weights or total glass thicknesses. The sash dimensions or orientation (portrait or landscape format) thus determined – as well as the maximum sash weight – must on no account whatsoever be exceeded.

Composition of hardware

The specifications of the manufacturer regarding hardware configuration (e.g. design of hardware for burglar-inhibiting window and balcony-door sashes, etc.), are binding.

Duty to inform and to instruct and use for similar kinds of hardware

Duty to inform and to instruct

In order to fulfil the duty to inform and instruct and also carry out maintenance work, the following documents in particular are available and must be forwarded via every intermediary and fabricator through to the end customer:

- Planning documents
- Product catalogues
- Installation manuals
- Maintenance and care instructions as well as operating instructions for building owners and users

hereafter referred to as a whole or in part as "Product information" only for short. In order to ensure the reliability of the corresponding function of windows and balcony-doors:

- planners must obtain and observe the "Product information" from the manufacturer or specialist retailer,
- specialist retailers must observe the "Product information" – particularly in relation to advertising measures – and hand this to the next dealer and/or fabricator with the instructions also to pass these on to their purchaser,
- fabricators must observe the "Product information" and in particular pass the maintenance and care instructions and operating instructions to the clients and users.

Use for similar hardware

The possible variants within the individual hardware systems – e. g. Tilt-Only hardware or those that offer a ventilation position instead of or in addition to the tilt position where the sash is parked parallel in order to produce a continuous all-round gap – must be dealt with, depending on the relevant characteristics, in a similar fashion in terms of product information and intended use, misuse, product performance, product maintenance and duty to inform and instruct. Information provided by the Lock and Hardware Industry Trade Association e. V. Velbert. The following documentation concerning the correct handling of hardware for windows and balcony-doors with detailed information and explanatory pictograms can be downloaded from the association's website http://www.fvsb.de/ggsb/richtlinien.asp:

- Hardware for windows and balcony-doors – guidelines/advice on product and liability.
- Hardware for windows and balcony-doors – guidelines/advice for end users.
- Attachment of load-bearing components for Turn-Only and Tilt&Turn hardware with definitions for Turn-Only and Tilt&Turn hardware and also possible installation positions.

Product maintenance

General notes

Safety-relevant hardware components must be checked at least once a year to ensure they are secure and not worn. If necessary, fixing screws must be re-tightened or the parts replaced. Furthermore the following verifiable maintenance work must be carried out at least once a year:

- Operational check and lubrication of all moving parts and locking points.
- Only cleaning agents and care products that do not interfere with the corrosion protection of the hardware may be used.

Adjustment work on the hardware – particularly in the area of pivot rests or stays – as well as parts replacement and hinging/unhinging of the opening sashes, must be carried out by specialists only. When a surface treatment is applied – e.g. painting or varnishing – to the window and balcony-doors, all hardware components must be excluded from the treatment and therefore protected against contamination.

Maintaining the quality of the surface finish

Electrolytically applied zinc coatings are not affected by normal room climates, providing condensation does not form on the hardware components or that condensation that occasionally forms is able to quickly dry. To maintain the surface quality of the hardware components on a lasting basis and prevent defects as a result of corrosion, observe the following points without fail:

- The hardware or rebate areas must be sufficiently ventilated – especially in the construction phase – to ensure they are not exposed directly to the effects of moisture or condensation. Ensure by taking appropriate (and lasting) measures that moist room air cannot condense in the rebate areas.
- The hardware must be kept free of deposits and contamination by construction materials (building dust, gypsum plaster, cement, etc.). Any plaster, mortar or similar must be removed prior to hydration with water.
- Aggressive vapours (e.g. caused by formic acid or acetic acid, ammonia, amine or ammonia compounds, aldehyde, phenols, chlorine, tannic acid, etc.) may promote rapid corrosion of the hardware components when combined with even small amounts of condensation. These kind of vapours must therefore be kept away from the window without fail.
- Where windows and balcony-doors are made of oak timber or other species containing a high proportion of (tannic) acid, make sure by applying a suitable surface treatment to the window that these substances cannot evaporate from the timber. The hardware must not come into direct contact with an untreated timber surface.
- Furthermore, acetic or acid cure sealants or sealants containing the ingredients referred to above must not be used as both direct contact with the sealant as well as the vapours it produces can attack the surface of the hardware.
- The hardware must only be cleaned using mild, pH-neutral cleaning agents in diluted form. Aggressive cleaners containing acid with all the ingredients referred to above or scouring agents must never be used.

ferGUard*silver surface sealing

ferGUard*silver coating system with outstanding corrosion protection

- Contact with materials such as mortar, cement dust and paint, varnishes, transparent coatings and cleaning detergents significantly affect the surface of architectural hardware over the years. This can lead to complaints from end users.
- Sealing the surface with ferGUard*silver reliably prevents damage through corrosion and accompanying complaints. It consists of a combined coating (zinc + passivation without hexavalent chromium + additional coating) with excellent corrosion protection qualities.
- The coating is applied without hexavalent chromium. This makes ferGUard*silver extremely environmentally friendly which is in line with contemporary requirements.
- Another advantage is the visual effect of the surface sealing. ferGUard creates an even, light silver surface on the hardware components. This high-quality appearance is another sales argument for you to use when selling the product to your customers.

How does the ferGUard*silver additional coating work?

In cooperation with leading process suppliers and the automotive industry, Gretsch-Unitas has developed the additional coating ferGUard*silver as an alternative to the conventional process.

After the usual treatment, an additional corrosion protection coating is applied to the hardware components in an additional work step. This process step is carried out at a fully automatic computer-controlled production facility.

The additional coat permeates deeply into the passivated coat, sealing the whole component firmly and permanently.

Special corrosion inhibitors added to the system also slow down the initial stages of corrosion.

Environmentally friendly method

The coating is applied without components that are harmful to the environment and heavy metals and therefore does not pollute either waste water or exhaust air. This is another example of the way in which Gretsch-Unitas is systematically designing production processes to minimise their impact on environment.

Additional benefits: colouring

Our hardware components sealed with ferGUard*silver stand out thanks to their attractively even, light silver colouring.

The additional coating from GU therefore offers dealers, fabricators and end customers many benefits.

Advantages of ferGUard*silver surface sealing

- Considerably improved corrosion protection due to additional coating
- Longer service life of window and door elements
- Dispensing with components or heavy metals that are harmful to the environment: the coating from Gretsch-Unitas is environmentally friendly and so fulfils contemporary requirements
- If there is mechanical damage to the surface, the remote protective action of the zinc coat protects against corrosion
- Even, light silver surface
- No hexavalent chromium in the surface sealing. In this way, ferGUard*silver fulfils the EU environmental protection requirements

Zertifikat - Salzsprühtest

Gretsch-Unitas GmbH
Baubeschläge
bescheinigt Produkten
mit der Oberfläche ferGUard*silber
eine Beständigkeit über

1000 Stunden

im Salzsprühtest
bis zur Bildung von Rotrost.

Nach DIN EN 13126-1
Baubeschläge
Beschläge für Fenster und Fenstertüren
Anforderungen und Prüfverfahren

Teil 1: Gemeinsame Anforderungen
an alle Arten von Beschlägen.
Deutsche Fassung EN 13126-1:2006

G.U
Oberflächentechnik

G.U
Qualitätsmanagement

Zertifikat

UNI-JET hardware – tested in accordance with DIN EN 1670 class 5

Surface sealing faceGUard

Special solution for defending against aggressive influences

Extreme atmospheric conditions, as they can be found in some geographical regions or in certain industries, lead to a more intensive corrosive attack on the coating on hardware components. This applies, for example, to buildings near the coast, but also to industrialised regions and agricultural production sites. Moreover, wetrooms, direct weathering and contact with timber that is either impregnated with materials containing acid or naturally contains high levels of tannic acid – for example, oak – represent additional load factors.

In all these cases, the hardware surfaces need a particularly effective coating that can successfully resist the external influences of such corrosion-promoting environments. The ceramic high-tech coating faceGUard from Gretsch-Unitas lives up to these requirements. It provides a far higher degree of resistance than that stipulated by the standard. This guarantees the long service life of the elements, even in particularly harsh conditions.

In the case of the neutral salt spray test according to EN ISO 9227 (formerly DIN 50021-SS), face**GU**ard achieves excellent values.

Child's play even in extreme conditions

As a high-quality combination sealing, face**GU**ard possesses outstanding corrosion-protection characteristics. It should therefore be used wherever extreme and aggressive air and weathering conditions place extreme demands on the surface. Even in such conditions, faceGUard guarantees excellent functionality and a long service life.

Advantages of the GU surface sealing faceGUard

- The dramatically improved corrosion protection extends the functionality and hardware service life of the window and door elements
- The high-grade sealing protects all surfaces and offers utmost resistance against detergents, household chemicals and other substances. These characteristics are also in demand in commercial application areas with extremely high hygiene requirements, such as in dairies and cheese dairies
- face**GU**ard achieves peerless results in corrosion tests
- The sealing does not contain any hexavalent chromium and so complies with the EU environmental protection requirements
- The high-quality appearance is another sales argument

Zertifikat – Salzsprühtest

faceGUard

Gretsch-Unitas GmbH
Baubeschläge
bescheinigt Produkten
mit der Oberfläche face**GU**ard
eine Beständigkeit über

1500 Stunden

im **Salzsprühtest**
bis zur Bildung von Rotrost.

Nach DIN EN 13126-1
Baubeschläge
Beschläge für Fenster und Fenstertüren
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Zertifikat

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The GU ordering system

Contents
The GU order catalogue contains all Fold&Slide hardware for PVC and timber elements including accessories according to the latest state of the art. The following information will make you familiar with the catalogue structure which is designed to meet your day to day work considerably easier.

Tilt&Turn, Tilt-First, Turn-Only and Tilt-Only hinge-sides, accessories
Hardware requirements for patterns 220 to 770

The hardware illustrations are accompanied by product tables to assist in establishing the hardware requirements.

Make use of the benefits which are not available with the standard version by upgrading your windows with GU comfort components.

UNI-JET central locking systems
Hardware requirements depending on sash size and sash configuration

The hardware illustrations are accompanied by product tables to help determine central locking requirements based on the sash size.

Variants and accessories
An at-a-glance overview showing the options available for all Tilt&Turn, Tilt-First, Turn-Only and Tilt-Only hardware is provided on the pages with the accessories, variants and turn handles. A concise summary of all supplements to standard versions are clearly arranged in the order catalogue. The UNI-JET Tilt&Turn hardware range, WP00081-00-1-1 contains further UNI-JET hinge-side components not shown in this Fold&Slide order catalogue.

Single parts and accessories
This section contains drive gears and accessories along with advice concerning application and packing units.

Drilling jigs and templates
Drilling jigs, templates and hardware assembly tools are listed according to hardware components.

Strikers
Strikers are arranged according to opening method, profile system and the required burglar-inhibiting effect of the hardware.

Prices
For prices, refer to the valid price list in each case (WP00998-00-0-P). (The article numbers are arranged in ascending order in the price list).

Additional sales documents
Apart from the order catalogue, the following documents on Fold&Slide hardware are available:

- Brochures giving information about product features and benefits
- Installation drawings with assembly instructions
- Instructions for maintenance and care

UNI-JET central locking systems with automatic locking cams
UNI-JET central locking systems are concealed in the rebate and operated with a single handle. All components are designed for a 16.2 mm wide and 2.5 mm deep hardware groove.

The Cleverle automatic cam
The Cleverle automatic cam compensates for clearances of between 8.5 and 15 mm in conjunction with the standard striker which simplifies installation and maintenance.

Installation position
All croppable central locking components are fixed in Turn-Only position (installation position), corner drives and centre-locks feature 4-leaf stainless steel springs.

The GU ordering system

Item number	Explanation
6-28743 - ☐ ☐ - ☐ - ☐	Article number
0 3 - ☐ - ☐	Size (e.g. Overlap 15, 18, 20, 22 / Axis 09, 13)
☐ ☐ - **L** - ☐	DIN LH
☐ ☐ - **R** - ☐	DIN RH
☐ ☐ - **0** - ☐	Non-handed (DIN LH and DIN RH usable)
☐ ☐ - ☐ - **1**	F 1/EV 1, natural (silver) colour, fer**GU**ard*silver
☐ ☐ - ☐ - **5**	UC 5, dark bronze or dark brown (RAL 8022)
☐ ☐ - ☐ - **6**	Onyx-matt or black (RAL 9005)
☐ ☐ - ☐ - **7**	White (RAL 9016)

Order numbers

The order number gives information about

- the product
- its size
- its application – e.g. DIN LH or DIN RH
- its colour

List of abbreviations

Sorting in alphabetical order

Abbreviation	Description
AX	Axis
BS	Backset
CC	Cover cap
CD	Corner-drive
CL	Centre-lock
CLS–LOG	CLS with lever-operated gear
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
F&S	Fold&Slide
FHH	Fixed handle height (on drive-gears)
GEAR	Drive-gear
HH	Handle height
LC	Locking cam
LC–MA	Mushroom cam, automatically adjusting
LH	Lefthand
LOG	Lever-operated gear
LOG	Lever-operated gear
LOG-VHH	Lever-operated gear with variable handle height
OLH	Overlap height
PR	Pivot-rest
PU	Packaging unit
RH	Righthand
S	Striker
SG	Stay-guide
SH	Sash height
SRH	Sash rebate height
SRW	Sash rebate width
SW	Sash width
SW	Sash weight
T&T	Tilt&Turn windows or balcony-doors
TFW	Total frame width
TU-ON	Turn-Only windows or balcony-doors
VHH	Variable handle height (on drive-gears)

Installation drawings

GU-923 Fold&Slide hardware components per system

Neutral installation drawings of GU-923 Fold&Slide hardware components for PVC systems				
Profile system	**Series**	**Installation drawing**	**Leaf/sash calculation form (UNI-JET D)**	**Leaf/sash calculation form (UNI-JET SC)**
Dummy mullion profile	inward-opening	0-46888	0-46962	0-46963
Dummy mullion profile	outward-opening	0-47732	0-46962	0-46963
Dummy mullion profile	System threshold, inward-opening	0-47119	0-46962	0-46963

Profile-specific installation drawings of GU-923 Fold&Slide hardware components for PVC systems				
Profile system	**Series**	**Installation drawing**	**Leaf/sash calculation form (UNI-JET D)**	**Leaf/sash calculation form (UNI-JET SC)**
Aluplast	Ideal 2000 Asia	0-47270	0-47274	0-47275
	Ideal 4000	0-47131	0-47194	0-47195
Deceuninck	Zendow 5000 with faceplate 3079	0-47342	0-47334	0-47335
	Zendow 5000	0-47138	0-47188	0-47189
Gealan	S 8000	0-47151	0-47204	0-47205
	S 9000	0-47293	0-47294	0-47295
LB profile	PCD AD	0-47235	0-47236	0-47237
Profine	76	0-47113	0-47190	0-47191
Profine KBE	70 CL	0-47149	0-47202	0-47203
Profine	EuroFutur Elegance	0-47214	0-47210	0-47211
	EuroFutur Classic	0-47130	0-47186	0-47187
Rehau	ThermoDesign 60	0-47218	0-47220	0-47221
	Geneo	0-47320	0-47198	0-47199
	Synego	0-47259	0-47200	0-47201
Salamander	bluEvolution 82	0-47238	0-47192	0-47193
Schüco	Corona CT 70	0-47212	0-47206	0-47207
Inoutic	Eforte	0-47213	0-47208	0-47209
Veka	Softline 82	0-47150	0-47196	0-47197
	Softline 70	0-47122	0-47184	0-47185

- Further PVC profile systems are available on request

Installation drawings

GU-923 Fold&Slide hardware components per system

Neutral installation drawings of GU-923 Fold&Slide hardware components for PVC systems

Profile system	Series	Installation drawing	Leaf/sash calculation form (UNI-JET D)	Leaf/sash calculation form (UNI-JET SC)
Flush version	inward-opening	0-47120	0-47152	0-47153
Flush version	outward-opening	0-47776	0-47152	0-47153
Flush version	System threshold, inward-opening	0-47121	0-47152	0-47153

Neutral installation drawings of GU-923 Fold&Slide hardware components for timber systems

Profile system	Series	Installation drawing	Leaf/sash calculation form (UNI-JET D)	Leaf/sash calculation form (UNI-JET SC)
Double rebate version	inward-opening	0-46570	0-46960	0-46961
Double rebate version	outward-opening	0-47751	0-46960	0-46961
Double rebate version	System threshold, inward-opening	0-46892	0-46960	0-46961

Installation drawings

GU-922 Fold&Slide hardware components per system

Neutral installation drawings of GU-922 Fold&Slide hardware components for PVC systems		
Profile system	**Series**	**Installation drawing**
Smooth rebate version	inward-opening	44390

Neutral installation drawings of GU-922 Fold&Slide hardware components for timber systems		
Profile system	**Series**	**Installation drawing**
Single rebate version	inward-opening	44400

- The installation drawings on this side must be used for installation of GU-922 sash hinges
- The GU-922 profile set is no longer available

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2 Profile systems for Fold&Slide elements

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Aluplast Ideal 4000 32
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Deceuninck Zendow 5000 36
Gealan S 8000 38
Gealan S 9000 40
LB profiles PCD AD 42
Profine 76 44
Profine KBE 70 AD 46
Profine EuroFutur Elegance 48
Profine EuroFutur Classic 50
Rehau ThermoDesign 60 52
Rehau Geneo 54
Rehau Synego 56
Salamander bluEvolution 82 58
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Dummy-mullion profile with GU system threshold 70

2.2 Profile systems for Fold&Slide elements made of timber
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2.3 Profile systems for Fold&Slide elements made of timber/aluminium
UNI-JET M6/12, M8/12, SC 76
UNI-JET SC with GU system threshold 78

2.4 Centre-lock for timber and timber/alum Fold&Slide elements
Patterns 220, 440, 660 80

Aluplast Ideal 2000 Asia

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

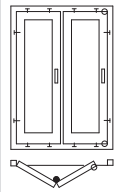
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

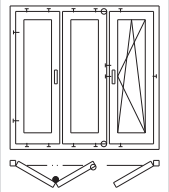
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
120 x 30	120 x 31	120 x 63

Possible patterns

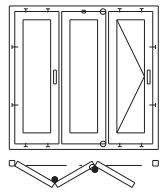
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



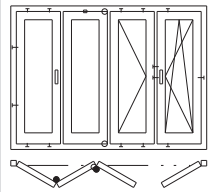
Pattern 220 [2]
2 Fold&Slide sashes



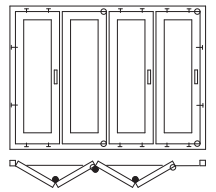
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



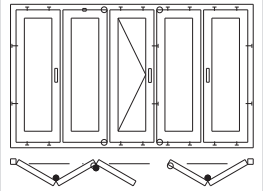
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



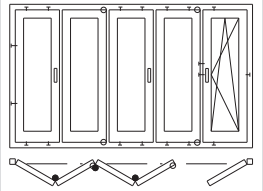
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



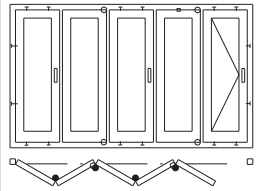
Pattern 440 [2]
4 Fold&Slide sashes



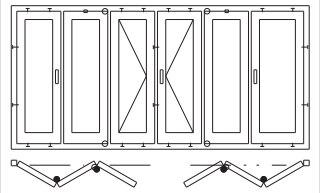
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



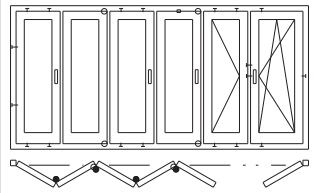
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



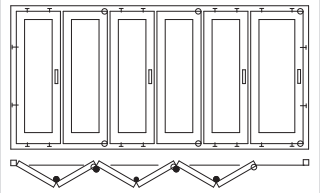
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



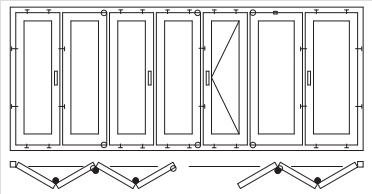
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



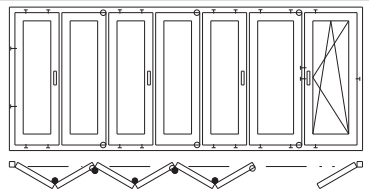
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



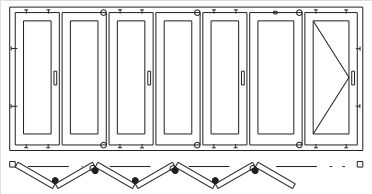
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Aluplast Ideal 2000 Asia

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47131

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47194	0-47195

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Aluplast Ideal 4000

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

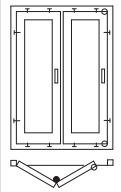
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

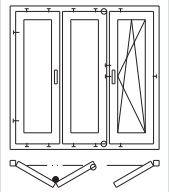
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
140 x 30	140 x 31	140 x 65

Possible patterns

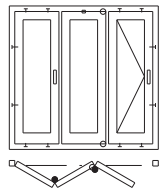
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



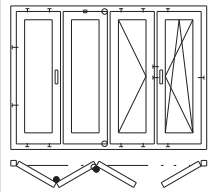
Pattern 220 [2]
2 Fold&Slide sashes



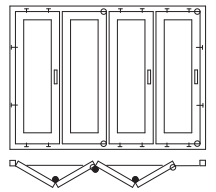
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



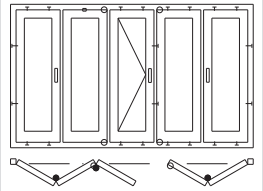
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



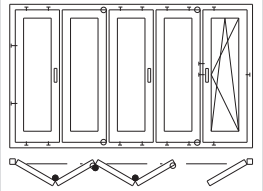
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



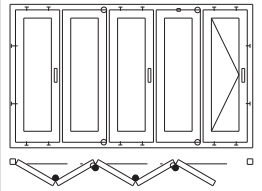
Pattern 440 [2]
4 Fold&Slide sashes



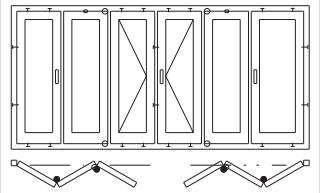
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



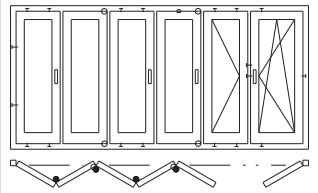
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



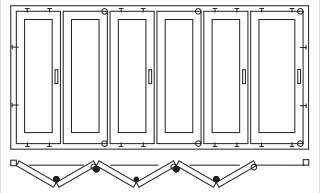
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



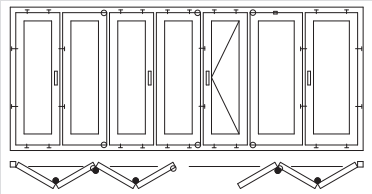
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



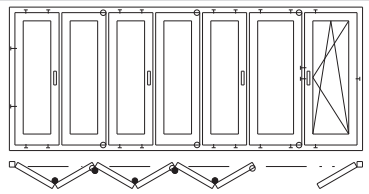
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



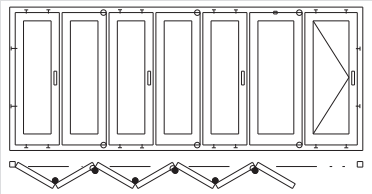
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Aluplast Ideal 4000

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47131

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47194	0-47195

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Deceuninck Zendow 5000 with dummy-mullion profile 3079

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

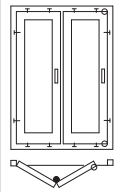
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

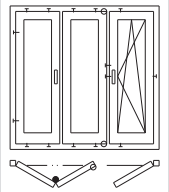
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
5042	–	3079

Possible patterns

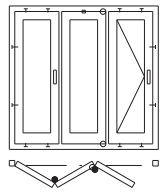
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



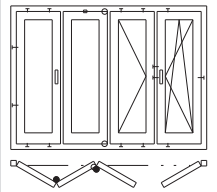
Pattern 220 [2]
2 Fold&Slide sashes



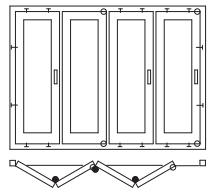
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



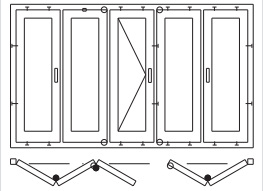
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



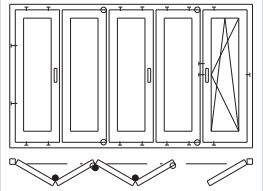
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



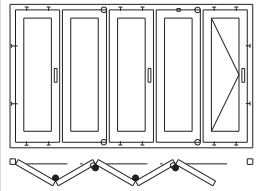
Pattern 440 [2]
4 Fold&Slide sashes



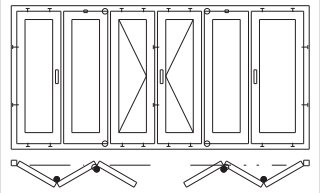
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



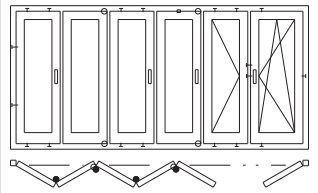
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



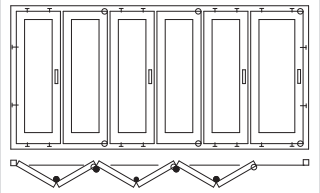
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



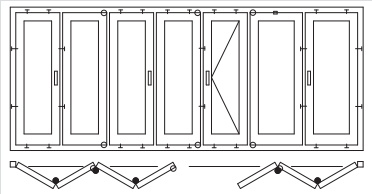
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



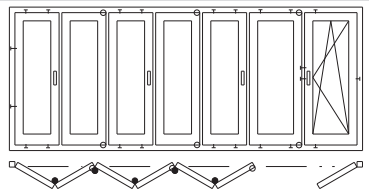
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



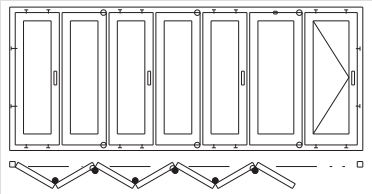
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Deceuninck Zendow 5000 with dummy-mullion profile 3079

Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47342

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47334	0-47335

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

Deceuninck Zendow 5000

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

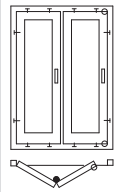
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

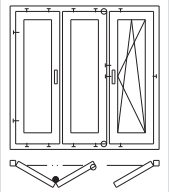
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
5042	5096	3077

Possible patterns

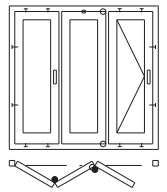
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



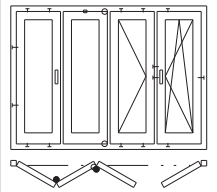
Pattern 220 [2]
2 Fold&Slide sashes



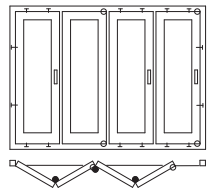
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



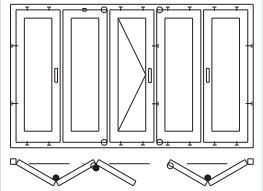
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



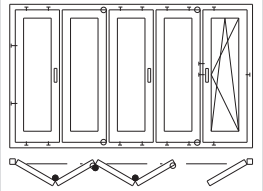
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



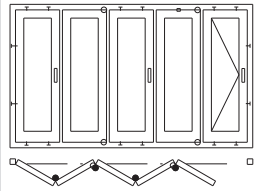
Pattern 440 [2]
4 Fold&Slide sashes



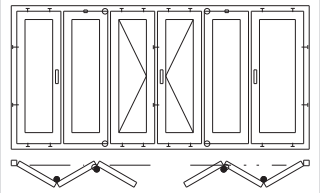
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



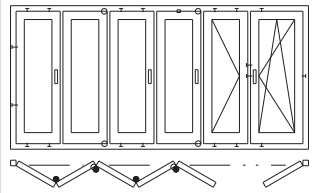
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



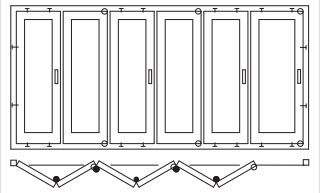
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



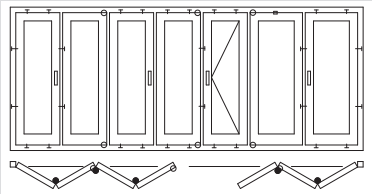
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



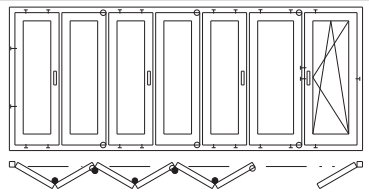
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



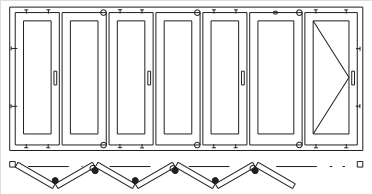
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Deceuninck Zendow 5000

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47138

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47188	0-47189

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Gealan S 8000

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

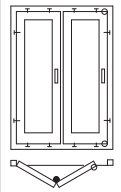
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

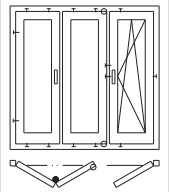
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
8081	8078	8304

Possible patterns

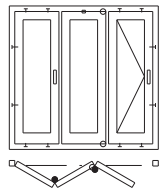
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



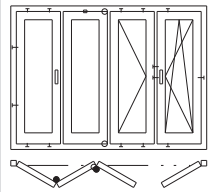
Pattern 220 [2]
2 Fold&Slide sashes



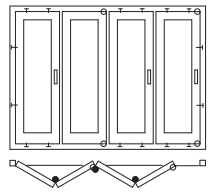
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



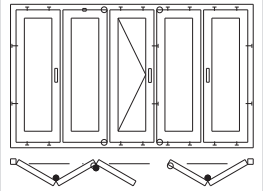
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



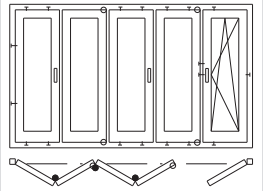
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



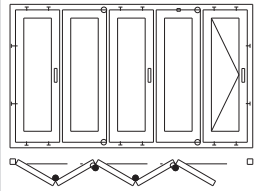
Pattern 440 [2]
4 Fold&Slide sashes



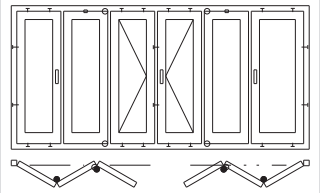
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



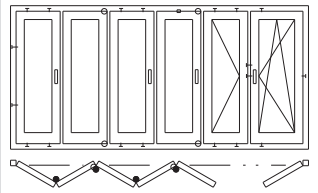
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



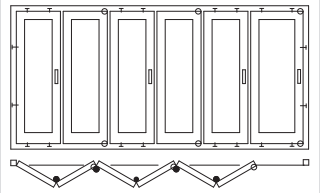
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



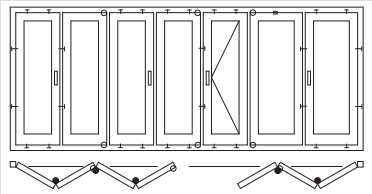
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



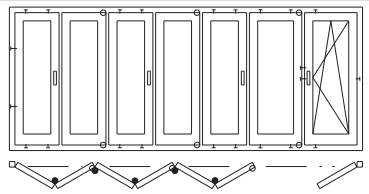
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



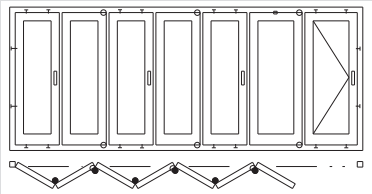
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Gealan S 8000

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47151

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47204	0-47205

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Gealan S 9000

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

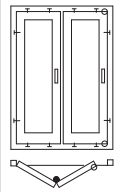
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 900 mm	851 – 2300 mm	depending on profile system

Profile overview

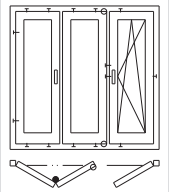
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
6017	6033	6012

Possible patterns

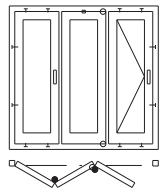
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



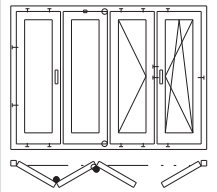
Pattern 220 [2]
2 Fold&Slide sashes



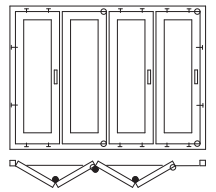
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



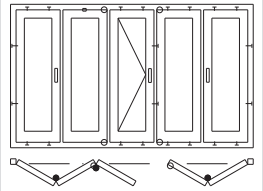
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



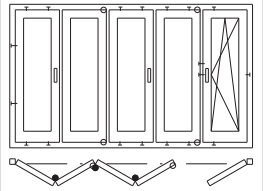
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



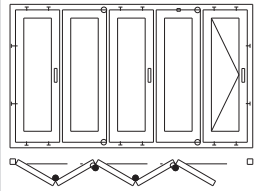
Pattern 440 [2]
4 Fold&Slide sashes



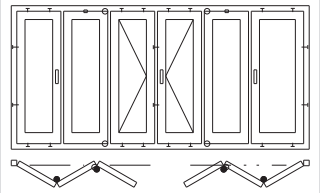
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



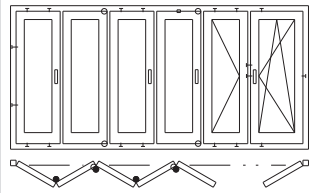
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



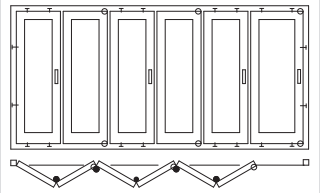
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



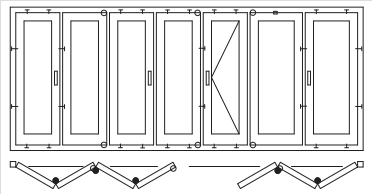
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



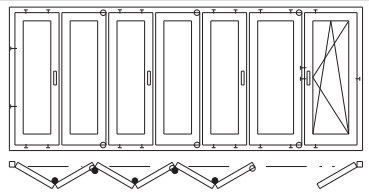
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



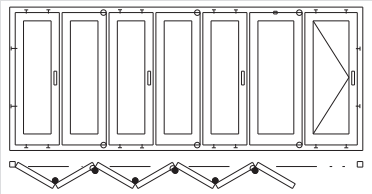
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Gealan S 9000

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47293

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47294	0-47295

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

LB Profile PCD AD

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

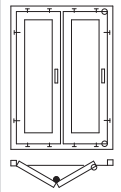
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

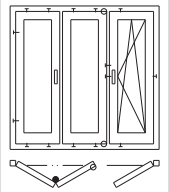
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
CZ7-5	–	CS6

Possible patterns

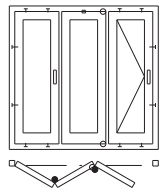
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



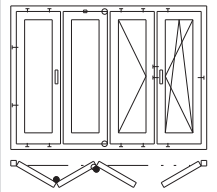
Pattern 220 [2]
2 Fold&Slide sashes



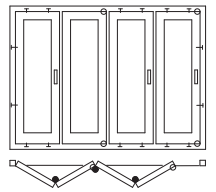
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



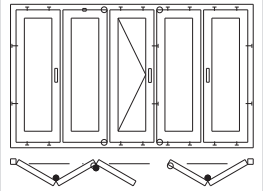
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



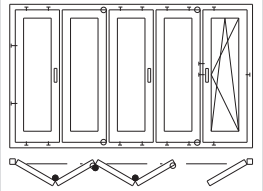
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



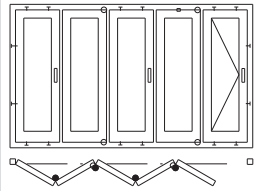
Pattern 440 [2]
4 Fold&Slide sashes



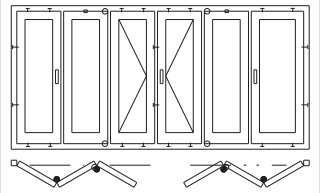
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



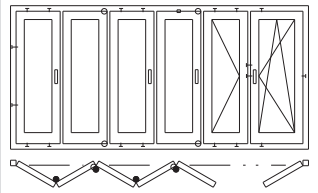
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



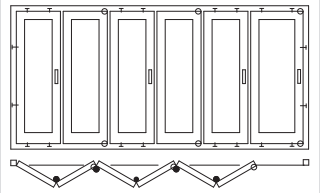
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



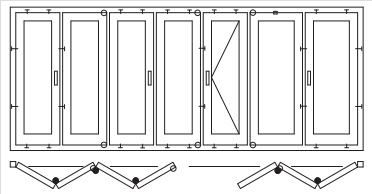
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



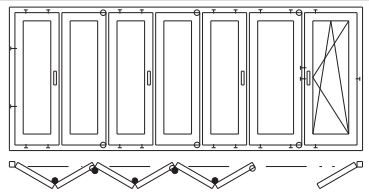
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



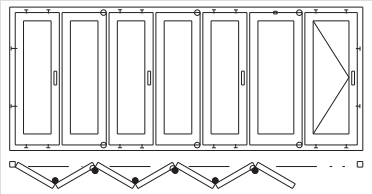
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

LB Profile PCD AD

Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47235

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47236	0-47237

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

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Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

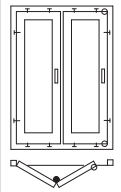
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

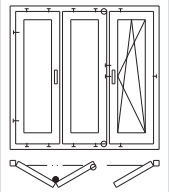
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
70204	–	76401

Possible patterns

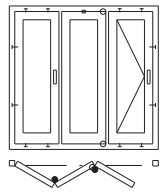
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



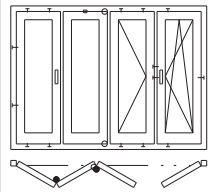
Pattern 220 [2]
2 Fold&Slide sashes



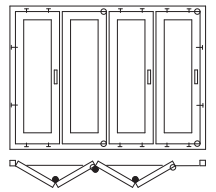
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



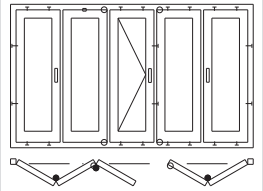
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



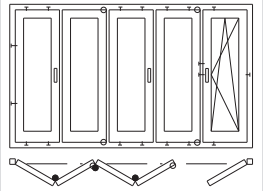
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



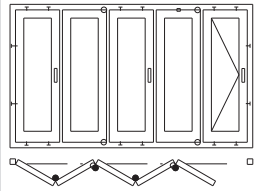
Pattern 440 [2]
4 Fold&Slide sashes



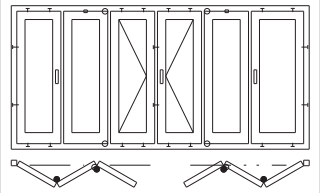
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



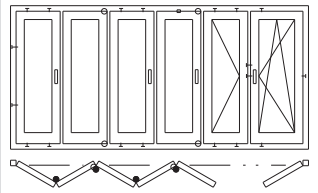
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



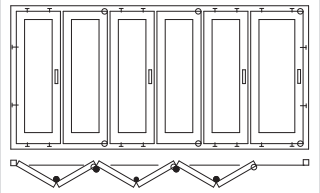
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



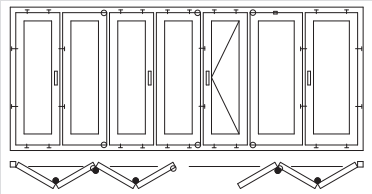
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



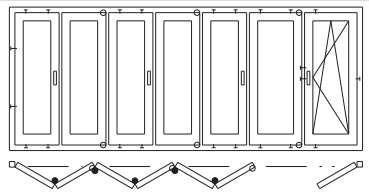
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



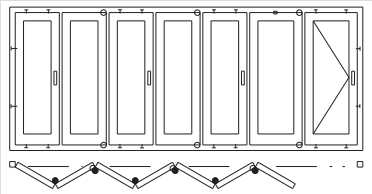
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

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Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47113

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47190	0-47191

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–wLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–wLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–wLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–wLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–wLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–wLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–wLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA45	
Pattern 743	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–wLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–wLC–MA45	CLS–w/oLC–MA15	CLS–wLC–MA45	CLS–wLC–MA15

Profine KBE 70 AD

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

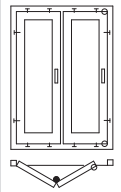
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

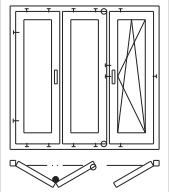
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
70203	70204	70401

Possible patterns

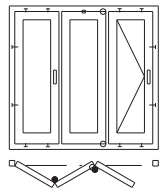
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



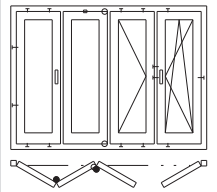
Pattern 220 [2]
2 Fold&Slide sashes



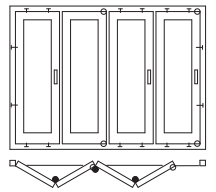
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



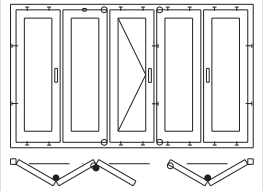
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



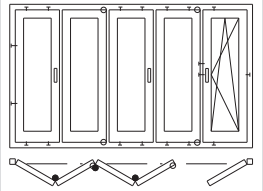
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



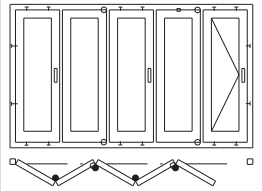
Pattern 440 [2]
4 Fold&Slide sashes



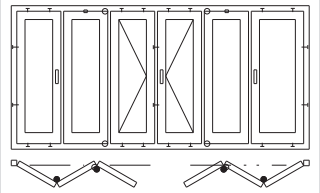
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



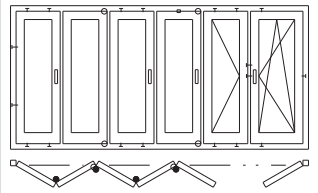
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



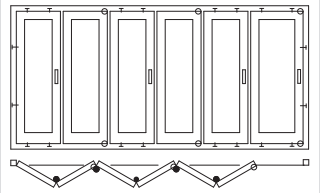
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



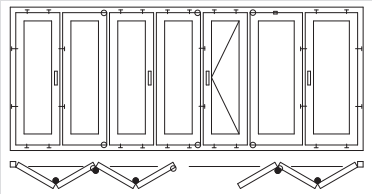
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



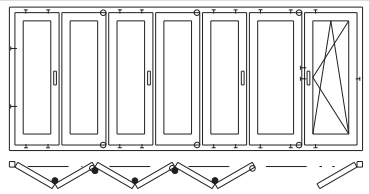
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



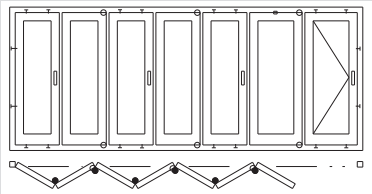
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Profine KBE 70 AD

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47149

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47202	0-47203

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Profine EuroFutur Elegance

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

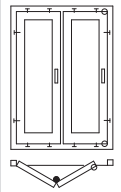
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

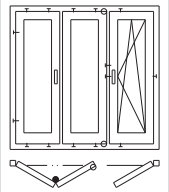
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
0514	0118	0141

Possible patterns

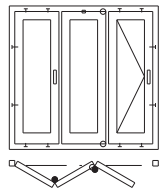
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



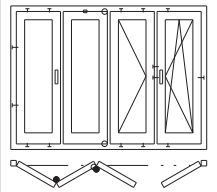
Pattern 220 [2]
2 Fold&Slide sashes



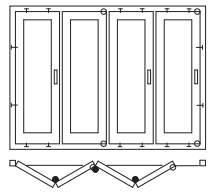
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



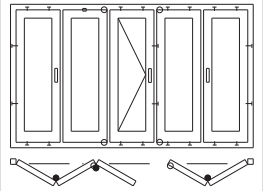
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



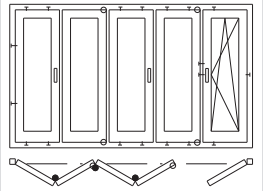
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



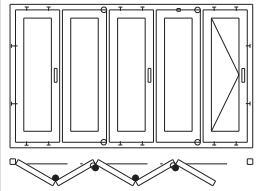
Pattern 440 [2]
4 Fold&Slide sashes



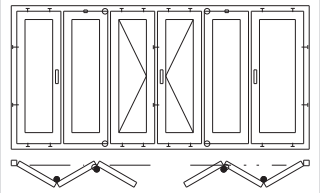
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



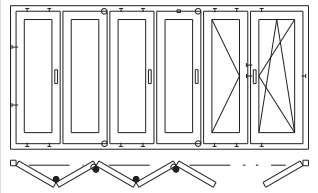
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



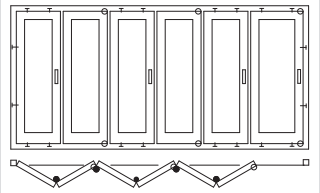
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



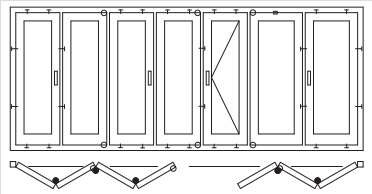
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



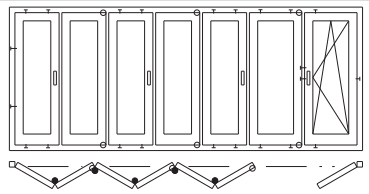
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



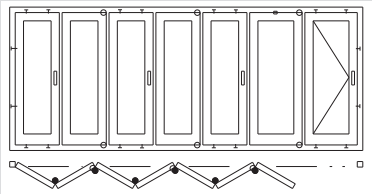
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Profine EuroFutur Elegance

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47214

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47210	0-47211

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Profine EuroFutur Classic

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

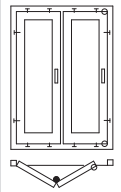
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

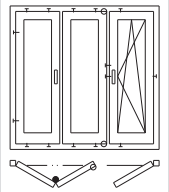
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
2514	2418	2441

Possible patterns

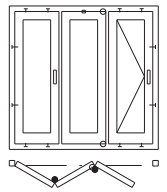
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



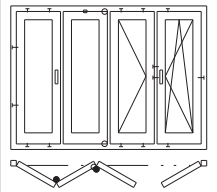
Pattern 220 [2]
2 Fold&Slide sashes



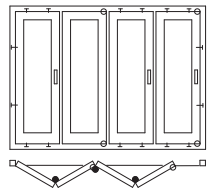
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



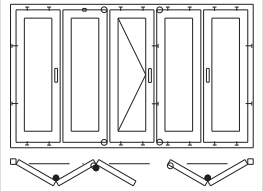
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



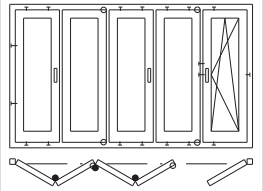
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



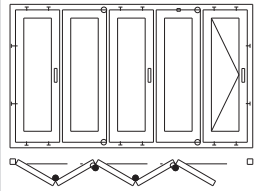
Pattern 440 [2]
4 Fold&Slide sashes



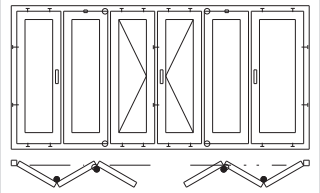
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



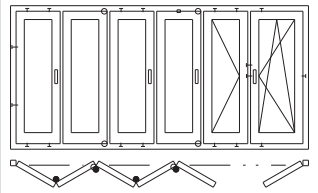
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



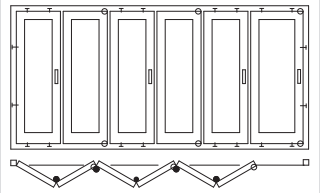
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



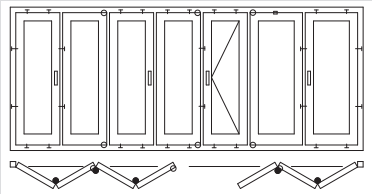
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



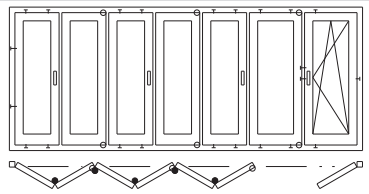
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



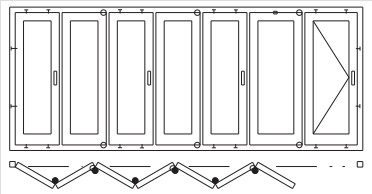
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Profine EuroFutur Classic

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47130

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47186	0-47187

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Rehau ThermoDesign 60

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

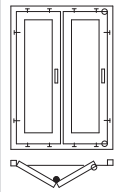
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

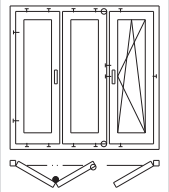
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
554081	541170	541140

Possible patterns

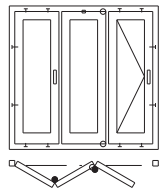
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



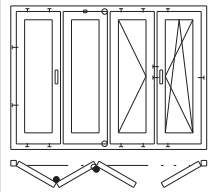
Pattern 220 [2]
2 Fold&Slide sashes



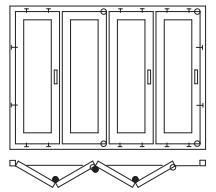
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



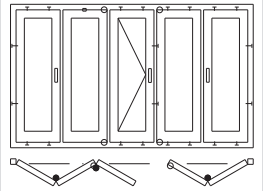
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



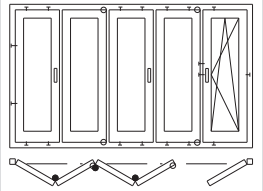
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



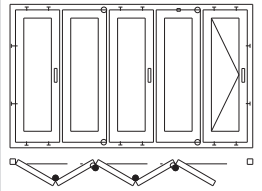
Pattern 440 [2]
4 Fold&Slide sashes



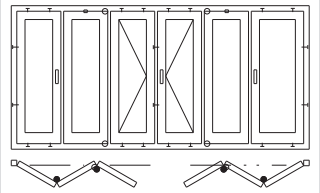
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



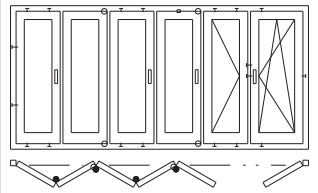
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



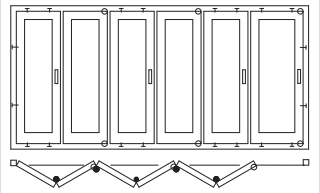
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



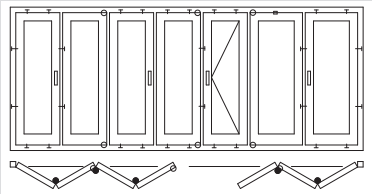
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



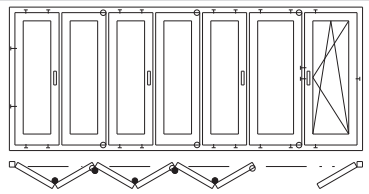
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



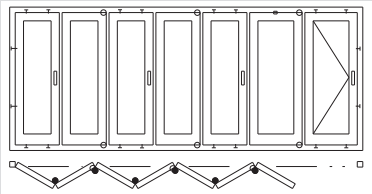
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Rehau ThermoDesign 60

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47218

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47220	0-47221

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA15	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA15	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA15	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA15	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–w/oLC–MA15	CLS–wLC–MA15

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Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

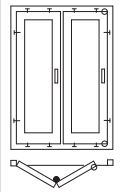
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

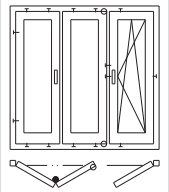
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
1532136	–	1532086

Possible patterns

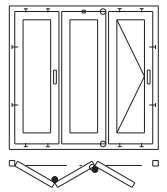
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



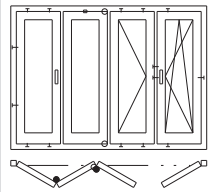
Pattern 220 [2]
2 Fold&Slide sashes



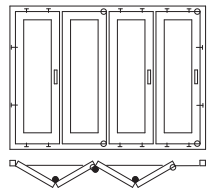
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



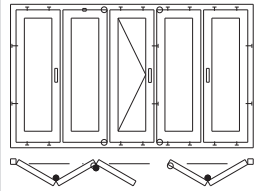
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



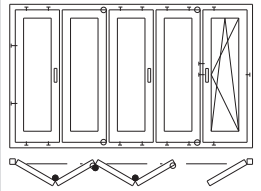
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



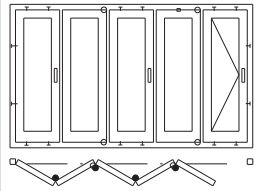
Pattern 440 [2]
4 Fold&Slide sashes



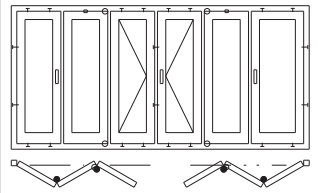
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



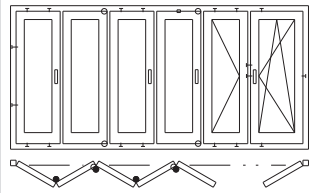
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



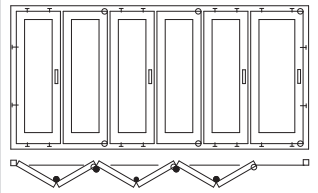
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



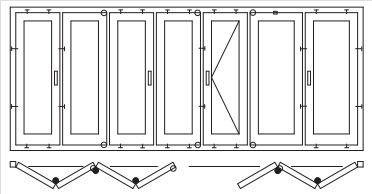
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



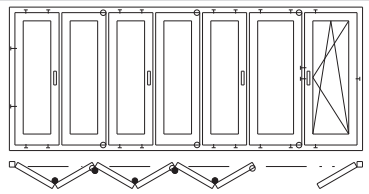
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



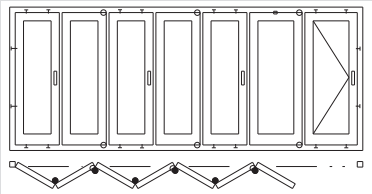
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

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Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47320

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47198	0-47199

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

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Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

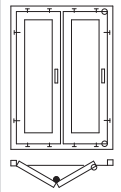
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

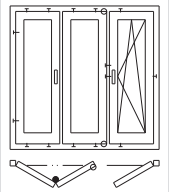
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
1537235	–	1537455

Possible patterns

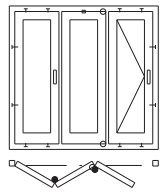
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



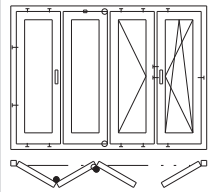
Pattern 220 [2]
2 Fold&Slide sashes



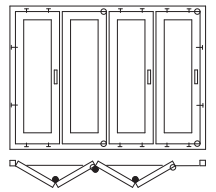
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



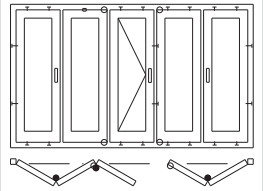
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



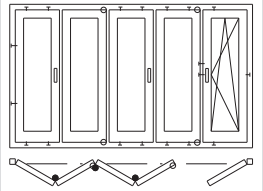
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



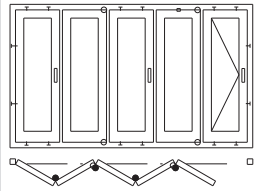
Pattern 440 [2]
4 Fold&Slide sashes



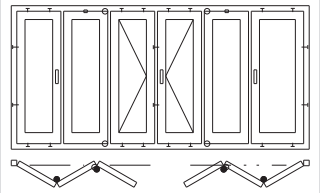
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



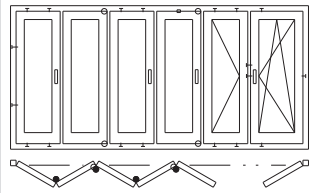
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



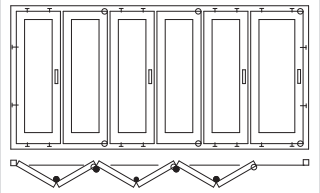
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



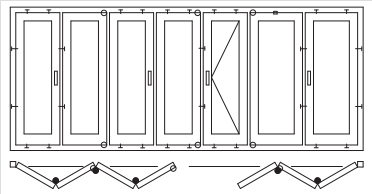
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



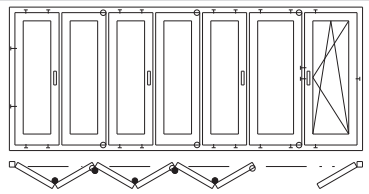
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



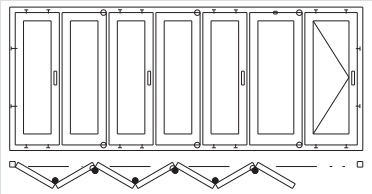
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Rehau Synego

Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47259

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47200	0-47201

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

Salamander bluEvolution 82

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

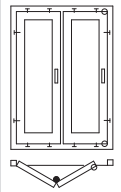
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

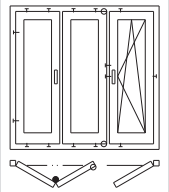
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
HO8530	–	HO8800

Possible patterns

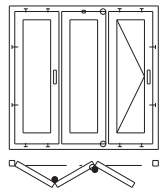
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



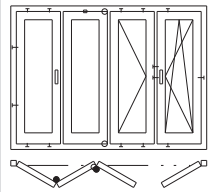
Pattern 220 [2]
2 Fold&Slide sashes



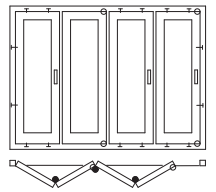
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



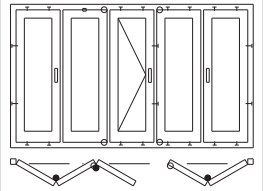
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



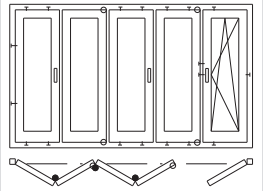
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



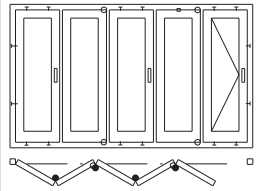
Pattern 440 [2]
4 Fold&Slide sashes



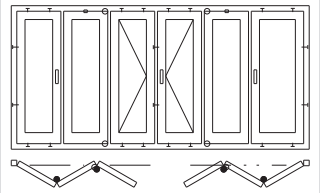
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



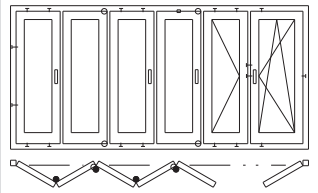
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



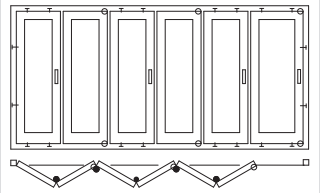
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



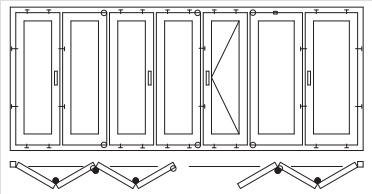
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



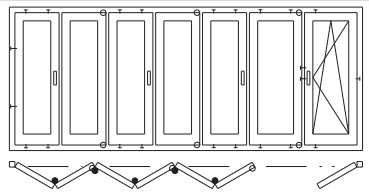
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



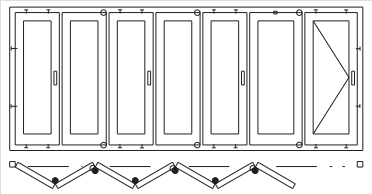
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Salamander bluEvolution 82

Overview of hardware sets

Installation drawings	
Neutral PVC version for dummy-mullion profiles	**Profile-specific version**
0-46888	0-47238

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47192	0-47193

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA45	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

Schüco Corona CT 70

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

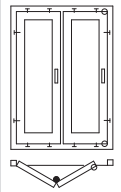
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

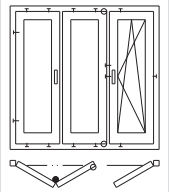
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
8563	8509	8518

Possible patterns

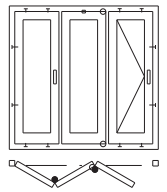
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



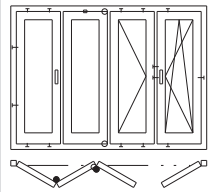
Pattern 220 [2]
2 Fold&Slide sashes



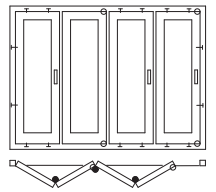
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



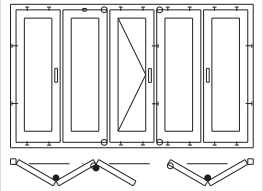
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



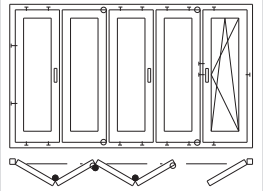
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



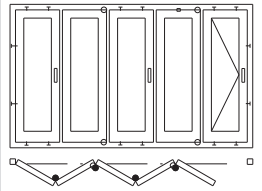
Pattern 440 [2]
4 Fold&Slide sashes



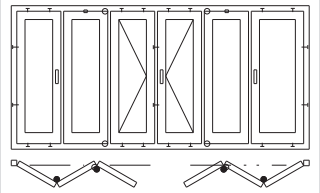
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



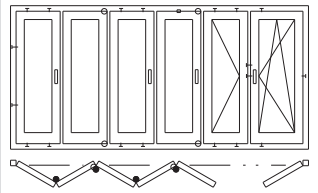
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



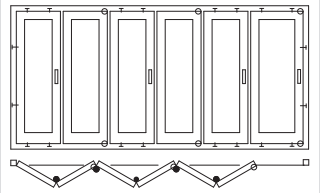
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



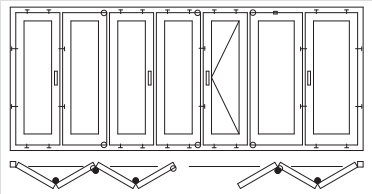
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



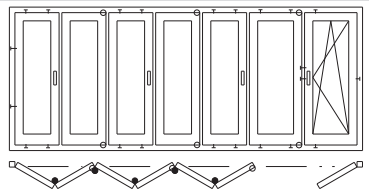
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



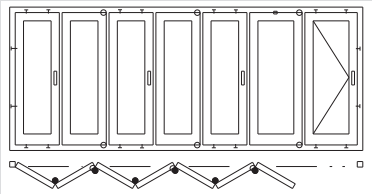
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Schüco Corona CT 70

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47212

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47206	0-47207

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

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Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

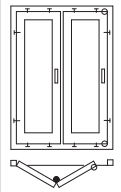
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

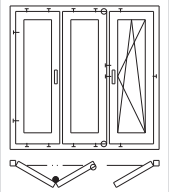
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
NAC 284	NAU 284	NAS 084

Possible patterns

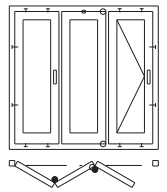
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



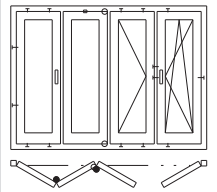
Pattern 220 [2]
2 Fold&Slide sashes



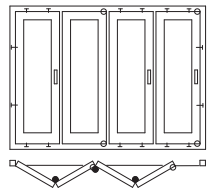
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



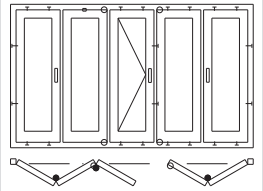
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



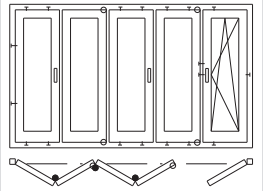
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



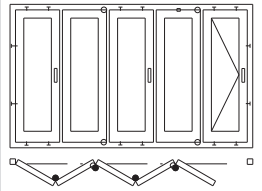
Pattern 440 [2]
4 Fold&Slide sashes



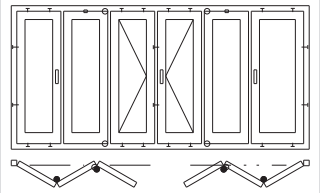
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



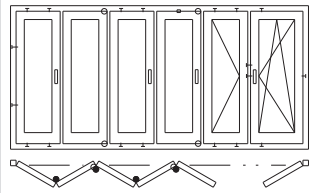
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



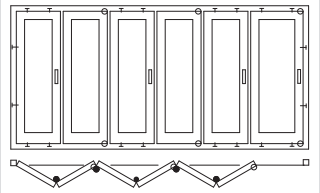
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



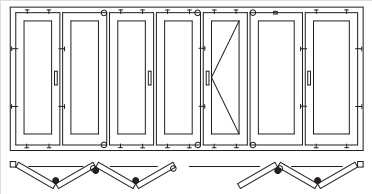
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



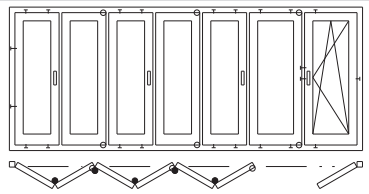
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



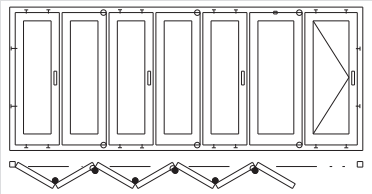
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

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Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47213

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47208	0-47209

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Veka Softline 82 MD

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

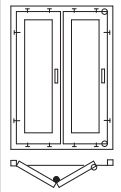
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

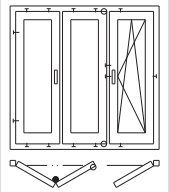
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
103,345	103,346	102,314

Possible patterns

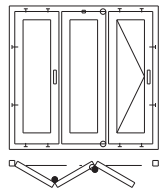
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



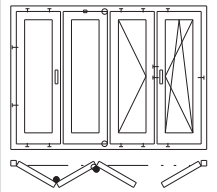
Pattern 220 [2]
2 Fold&Slide sashes



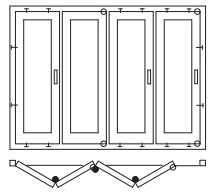
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



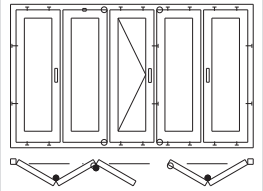
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



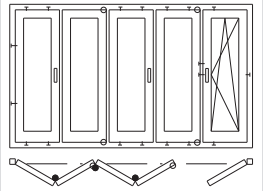
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



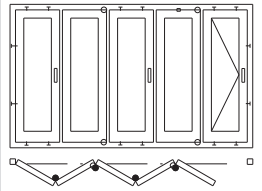
Pattern 440 [2]
4 Fold&Slide sashes



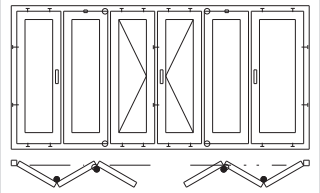
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



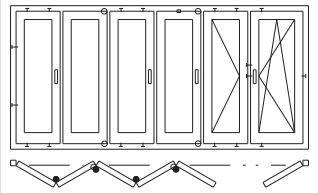
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



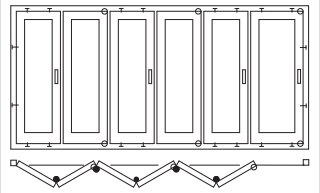
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



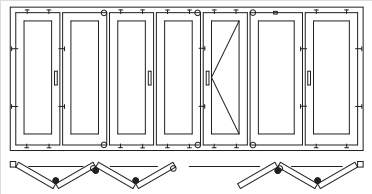
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



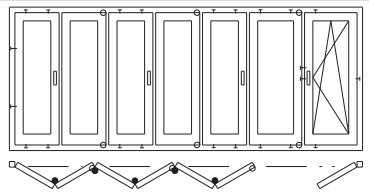
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



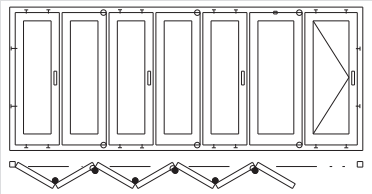
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Veka Softline 82 MD

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47150

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47196	0-47197

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Veka Softline 70 AD

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

Technical Details

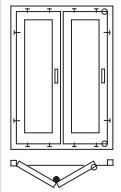
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system

Profile overview

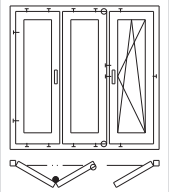
Z-sash profile no.	Z-sash profile no.	Dummy-mullion profile no.
103,241	103,242	102,246

Possible patterns

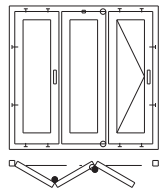
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



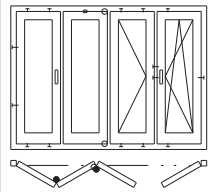
Pattern 220 [2]
2 Fold&Slide sashes



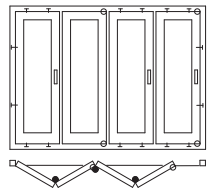
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



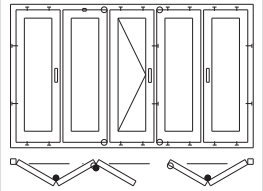
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



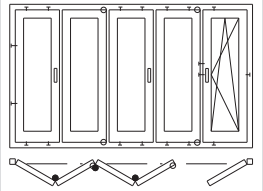
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



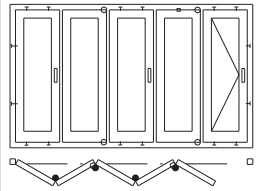
Pattern 440 [2]
4 Fold&Slide sashes



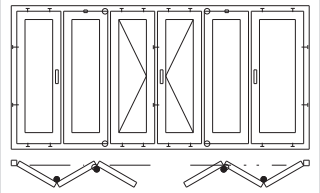
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



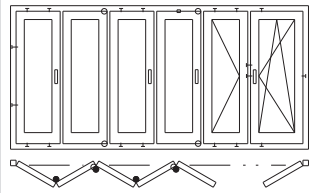
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



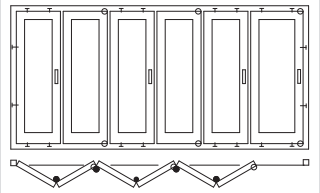
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



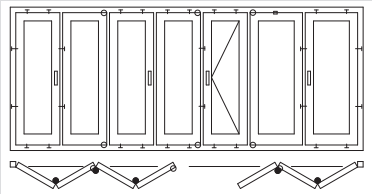
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



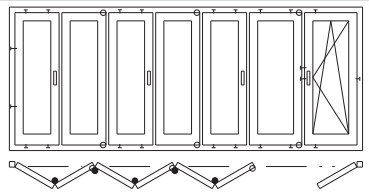
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



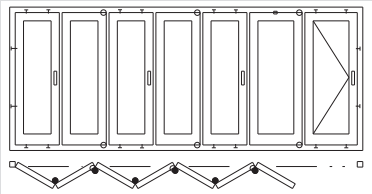
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Veka Softline 70 AD

Overview of hardware sets

Installation drawings	
Neutral PVC flush-closing version	**Profile-specific version**
0-47120	0-47122

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47184	0-47185

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Flush-closing with GU system threshold

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

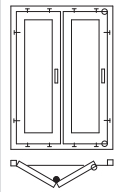
When using the GU system threshold, the specified central locking components with long locking cam must be installed horizontally at the bottom of the door leaf.

Technical Details

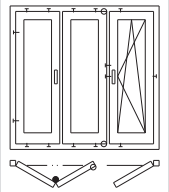
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system
System threshold larger than 6000 mm available on request			

Possible patterns

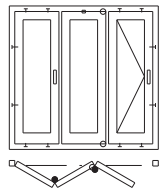
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



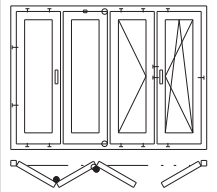
Pattern 220 [2]
2 Fold&Slide sashes



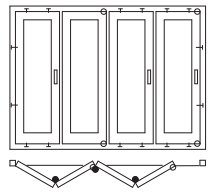
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



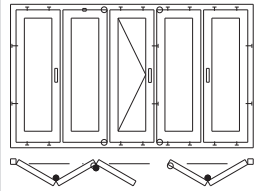
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



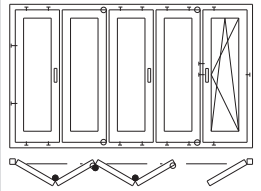
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



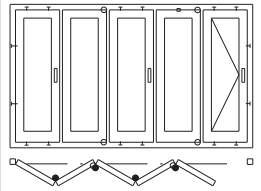
Pattern 440 [2]
4 Fold&Slide sashes



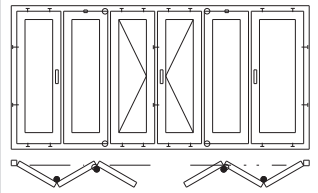
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



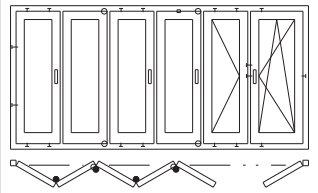
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



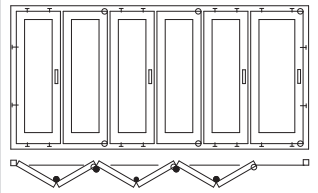
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



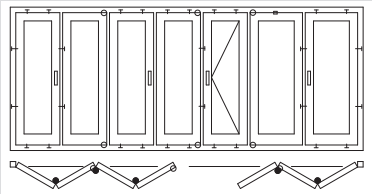
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



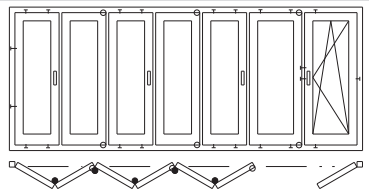
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



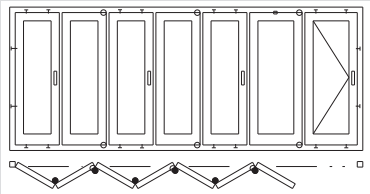
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Flush-closing with GU system threshold

Overview of hardware sets

Installation drawings
Neutral PVC flush-closing version
0-47120

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-47152	0-47153

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Dummy-mullion profile with GU system threshold

Application ranges for GU-923 Fold&Slide hardware

The profile-specific application ranges can vary depending on which pattern and glazing is used.

The maximum total frame width and maximum permissible sash weight must be clarified with the relevant manufacturer of the profile system.

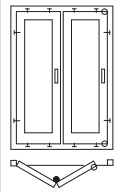
When using the GU system threshold, the specified central locking components with long locking cam must be installed horizontally at the bottom of the door leaf.

Technical Details

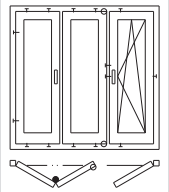
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	depending on profile system
System threshold larger than 6000 mm available on request			

Possible patterns

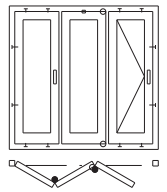
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



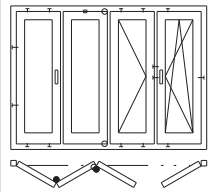
Pattern 220 [2]
2 Fold&Slide sashes



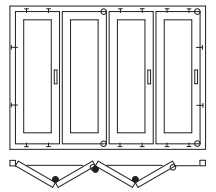
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



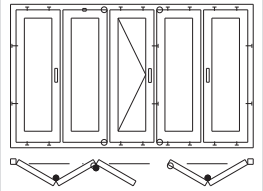
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



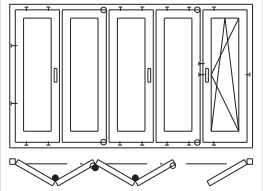
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



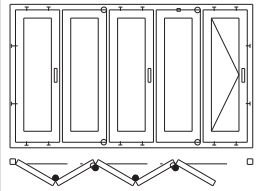
Pattern 440 [2]
4 Fold&Slide sashes



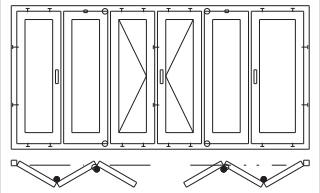
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



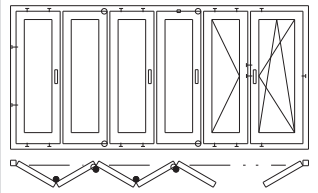
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



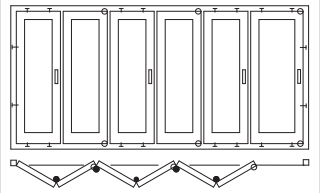
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



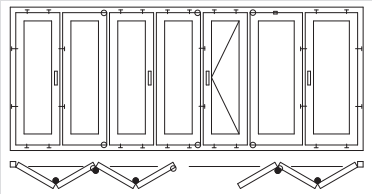
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



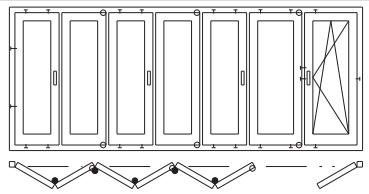
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



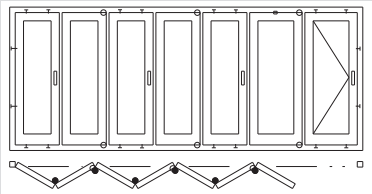
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

Dummy-mullion profile with GU system threshold

Overview of hardware sets

Installation drawings
Neutral PVC flush-closing version
0-47119

Calculation forms	
UNI-JET D	**UNI-JET SC**
0-46962	0-46963

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

UNI-JET M6/12, M8/12

Application ranges for GU-923 Fold&Slide hardware

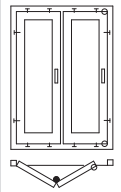
The profile-specific application ranges can vary depending on which pattern and glazing is used.

Technical Details

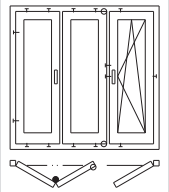
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
UNI-JET M6/12: max. 80 kg	500 – 1000 mm	851 – 2350 mm	6700 mm
UNI-JET M8/12: max. 130 kg	500 – 1000 mm	851 – 2350 mm	6700 mm

Possible patterns

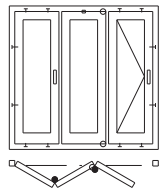
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



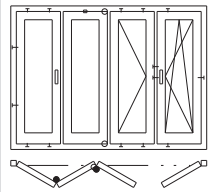
Pattern 220 [2]
2 Fold&Slide sashes



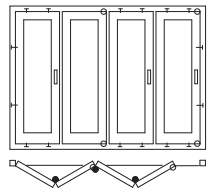
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



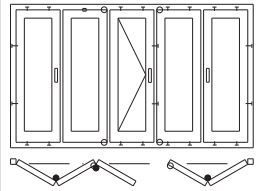
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



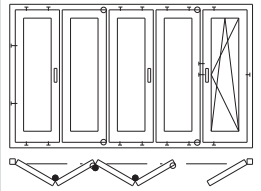
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



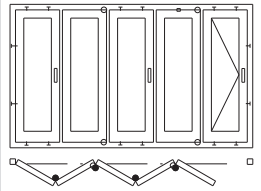
Pattern 440 [2]
4 Fold&Slide sashes



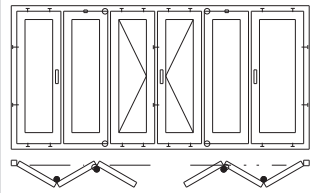
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



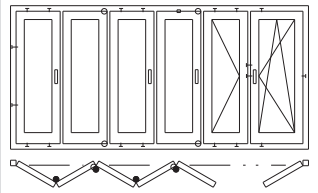
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



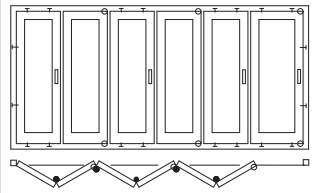
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



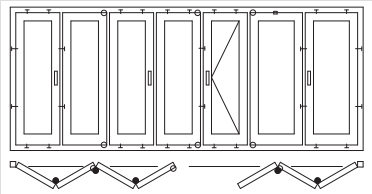
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



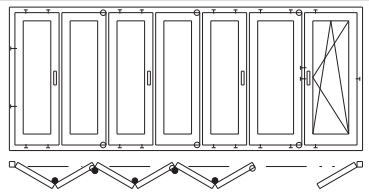
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



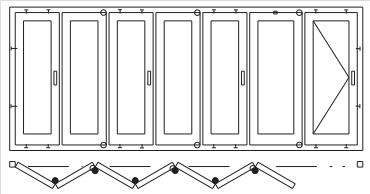
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

UNI-JET M6/12, M8/12

Overview of hardware sets

Installation drawings
Neutral timber flush-closing version
0-46570

Calculation forms	
UNI-JET M6/12	**UNI-JET M8/12**
0-46960	0-46960

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET M6/12, M8/12 central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA15***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA15***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**

The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
sash with hardware groove K-13700-13-0-1 / -5 / -7

UNI-JET SC with GU system threshold

Application ranges for GU-923 Fold&Slide hardware

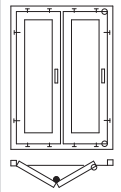
The profile-specific application ranges can vary depending on which pattern and glazing is used.

Technical Details

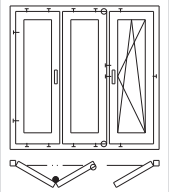
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	6700 mm
System threshold larger than 6000 mm available on request			

Possible patterns

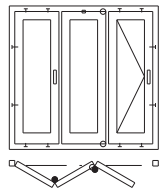
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



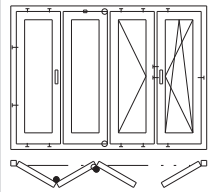
Pattern 220 [2]
2 Fold&Slide sashes



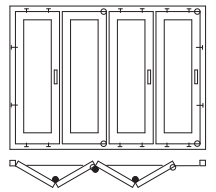
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



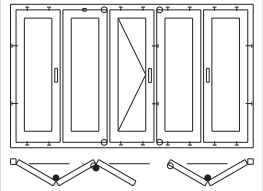
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



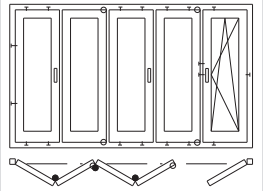
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



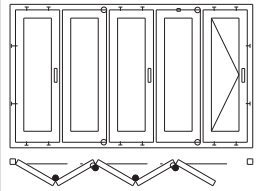
Pattern 440 [2]
4 Fold&Slide sashes



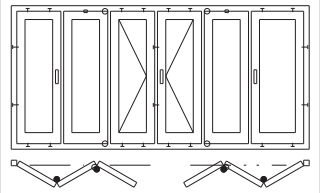
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



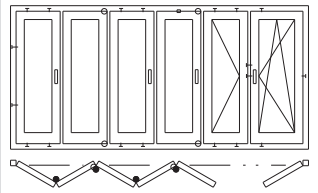
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



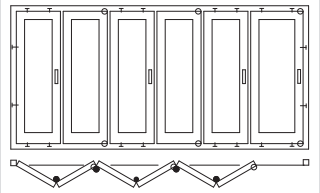
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



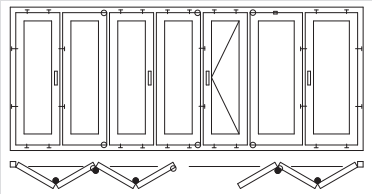
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



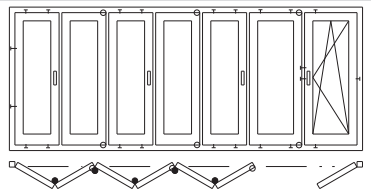
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



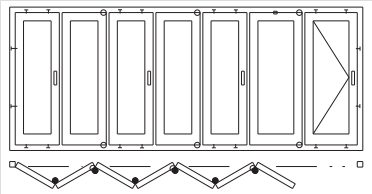
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

UNI-JET SC with GU system threshold

Overview of hardware sets

Installation drawings
Neutral timber flush-closing version
0-46892

Calculation forms
UNI-JET SC
0-46961

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems

Abbreviation	Designation
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET SC central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA15***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA15***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**
The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
Sash with hardware groove K-13700-13-0-1 / -5 / -7

UNI-JET M6/12, M8/12, SC

Application ranges for GU-923 Fold&Slide hardware

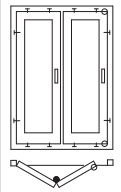
The profile-specific application ranges can vary depending on which pattern and glazing is used.

Technical Details

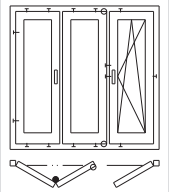
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
UNI-JET M6/12: max. 80 kg	500 – 1000 mm	851 – 2350 mm	6700 mm
UNI-JET M8/12: max. 130 kg	500 – 1000 mm	851 – 2350 mm	6700 mm
UNI-JET SC: max. 80 kg	500 – 1000 mm	851 – 2350 mm	6700 mm

Possible patterns

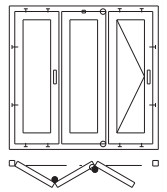
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



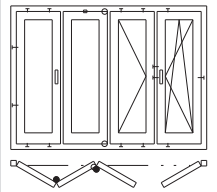
Pattern 220 [2]
2 Fold&Slide sashes



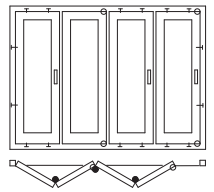
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



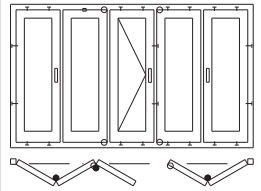
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



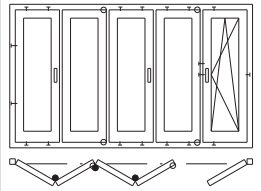
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



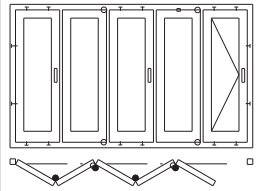
Pattern 440 [2]
4 Fold&Slide sashes



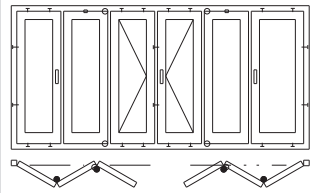
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



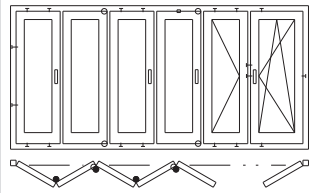
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



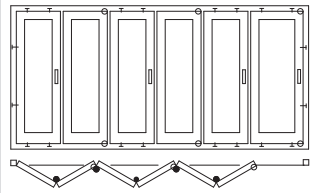
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



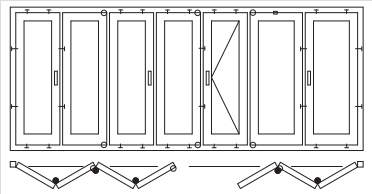
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



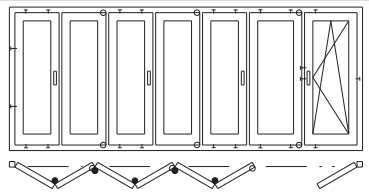
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



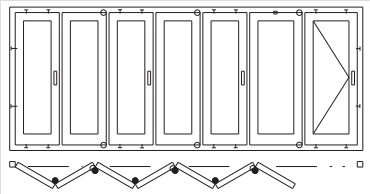
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

UNI-JET M6/12, M8/12, SC

Overview of hardware sets

Installation drawings	
Neutral timber flush-closing version	**Timber/aluminium**
0-46570	0-47446 (Gutmann Mira Contour)

Calculation forms	
UNI-JET M6/12, M8/12	**UNI-JET SC**
0-47435	0-47436

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET M6/12, M8/12, SC central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA15***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA15***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**
The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
Sash with hardware groove K-13700-13-0-1 / -5 / -7

UNI-JET SC with GU system threshold

Application ranges for GU-923 Fold&Slide hardware

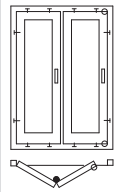
The profile-specific application ranges can vary depending on which pattern and glazing is used.

Technical Details

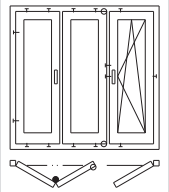
Sash weight [SW]	Sash width [SW]	Sash height [SH]	Total frame width [TFW]
max. 80 kg	500 – 1000 mm	851 – 2350 mm	6700 mm
System threshold larger than 6000 mm available on request			

Possible patterns

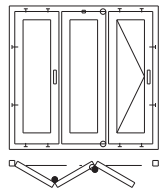
[1] Passage sash is also available as Turn-Only sash instead of Tilt&Turn sash
[2] A passage sash is recommended, especially for use in winter



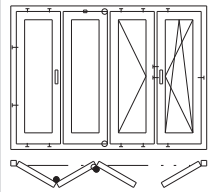
Pattern 220 [2]
2 Fold&Slide sashes



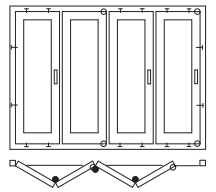
Pattern 321 [1]
2 Fold&Slide sashes
1 Tilt&Turn sash



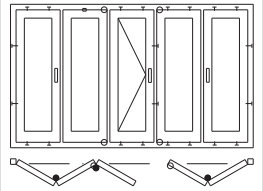
Pattern 330
2 Fold&Slide sashes
1 Turn-Only sash



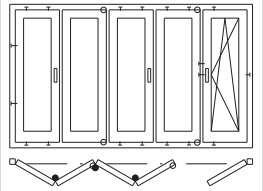
Pattern 431 [1]
2 Fold&Slide sashes
1 Turn-Only stay guide,
1 Tilt&Turn sash



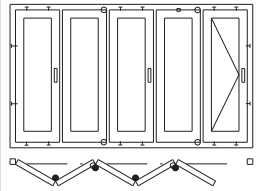
Pattern 440 [2]
4 Fold&Slide sashes



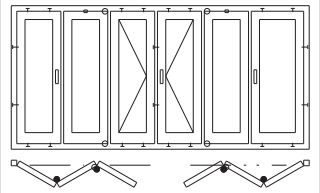
Pattern 532
4 Fold&Slide sashes
1 Turn-Only sash



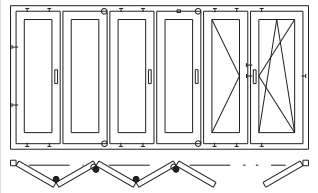
Pattern 541 [1]
4 Fold&Slide sashes
1 Tilt&Turn sash



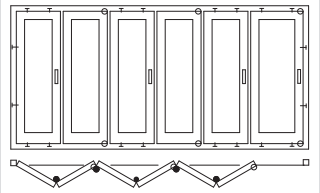
Pattern 550
4 Fold&Slide sashes
1 Turn-Only sash



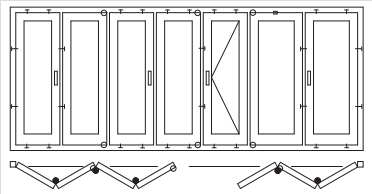
Pattern 633
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Turn-Only sash



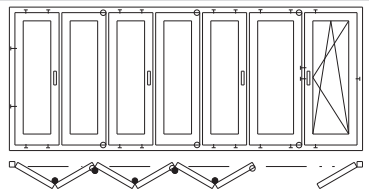
Pattern 651 [1]
4 Fold&Slide sashes
1 Turn-Only stay guide, 1 Tilt&Turn sash



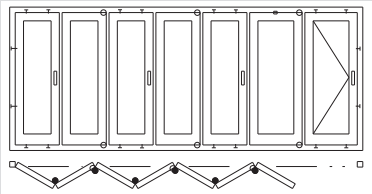
Pattern 660 [2]
6 Fold&Slide sashes



Pattern 743
6 Fold&Slide sashes
1 Turn-Only sash



Pattern 761 [1]
6 Fold&Slide sashes
1 Tilt&Turn sash



Pattern 770
6 Fold&Slide sashes
1 Turn-Only sash

UNI-JET SC with GU system threshold

Overview of hardware sets

Installation drawings	
Neutral timber flush-closing version	**Timber/aluminium**
0-46892	0-47446 (Gutmann Mira Contour)

Calculation forms	
UNI-JET M6/12, M8/12	**UNI-JET SC**
0-47435	0-47436

Overview	
Central locking system per sash	**Fold&Slide hardware components**
Chapter 4, from page 93	Chapter 3, from page 83

Overview of abbreviations for central locking systems	
Abbreviation	**Designation**
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear without locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear without locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET M6/12, M8/12, SC central locking systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA15***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA15***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**
The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
Sash with hardware groove K-13700-13-0-1 / -5 / -7

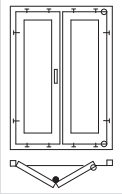
Centre-lock

Patterns 220, 440 und 660

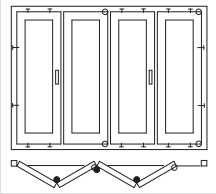
The centre-lock is used for lateral locking of the first door leaf to the frame with pattern 220, 440 and 660 with 9 mm axis.

The centre-lock **cannot** be used for timber systems with 13 mm axial dimension.

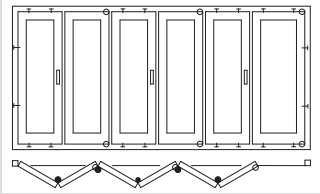
Centre-lock



Pattern 220
2 Fold&Slide sashes



Pattern 440
4 Fold&Slide sashes



Pattern 660
6 Fold&Slide sashes

Axis dimension 9 mm without hardware groove on the sash			
Pattern 220	**Pattern 440**	**Pattern 660**	**Article number**
2	2	2	K-13700-4-0-1
2	2	2	K-13700-4-0-5
2	2	2	K-13700-4-0-7

Axis dimension 9 mm with hardware groove on the sash			
Pattern 220	**Pattern 440**	**Pattern 660**	**Article number**
2	2	2	K-13700-12-0-1
2	2	2	K-13700-12-0-5
2	2	2	K-13700-12-0-7

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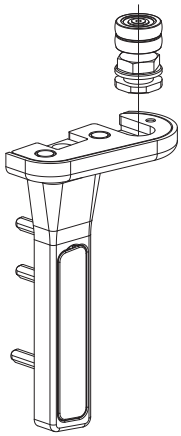
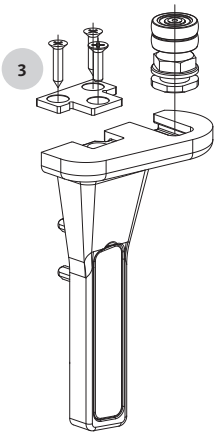
3 Fold&Slide hardware components

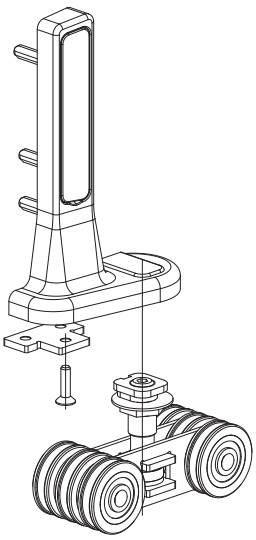
Basic hardware set GU-923	84
Sash hinge GU-923	86
Profiles set	88
Folding catch	90

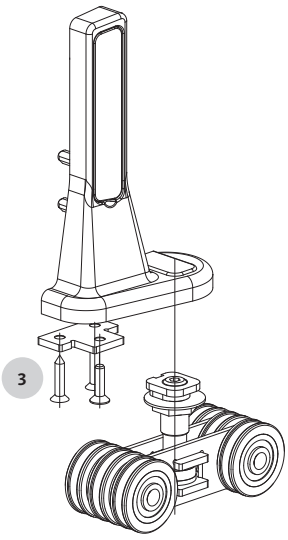
Basic hardware set GU-923

Sash weight up to 80 kg and up to 130 kg









1 **up to 80 kg**

2 **up to 130 kg**

Basic hardware set GU-923

Sash weight up to 80 kg and up to 130 kg

Basic hardware set

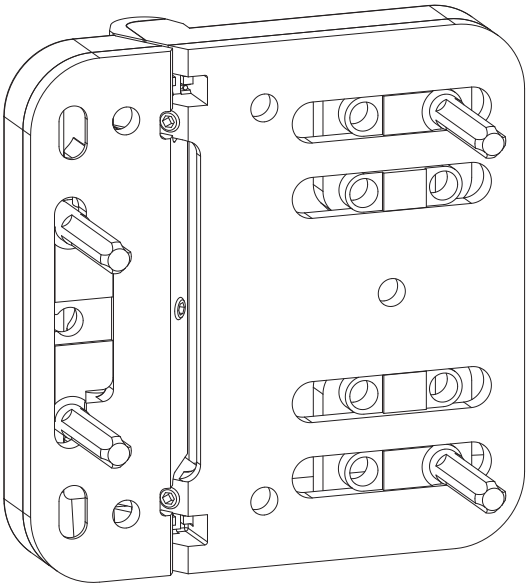
Item	up to 80 kg	Required quantity per pattern													
		220	321	330	431	440	541	550	532	651	633	660	761	770	743
1	K-18391-00-0-1	1	1	1	1	2	2	2	2	2	2	3	3	3	3
	K-18391-00-0-5														
	K-18391-00-0-6														
	K-18391-00-0-7														
	Contains: 1 set of bogies, 2 pivot-rests, 2 plates, 1 countersunk screw, 1 guide roll														
Item	**up to 130 kg**	**Required quantity per pattern**													
		220	**321**	**330**	**431**	**440**	**541**	**550**	**532**	**651**	**633**	**660**	**761**	**770**	**743**
2	K-18933-00-0-1	1	1	1	1	2	2	2	2	2	2	3	3	3	3
	K-18933-00-0-5														
	K-18933-00-0-6														
	K-18933-00-0-7														
	Contains: 1 set of bogies, 2 pivot-rests														

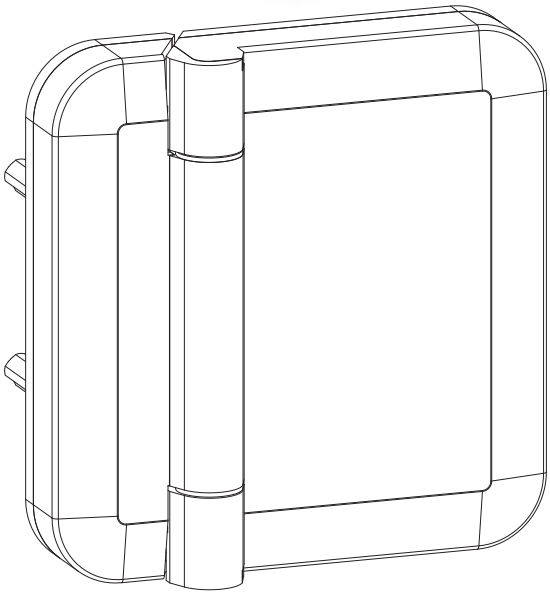
Accessory basic hardware set 130 kg

Item	Plate for basic hardware set 130 kg	Required quantity per pattern													
		220	321	330	431	440	541	550	532	651	633	660	761	770	743
3	K-18396-00-0-1	1	1	1	1	2	2	2	2	2	2	3	3	3	3

Sash hinge GU-923

for PVC and timber systems





Sash hinge															
Item	**Fold&Slide hardware set for sash hinge**	**Required quantity per pattern**													
		220	**321**	**330**	**431**	**440**	**541**	**550**	**532**	**651**	**633**	**660**	**761**	**770**	**743**
1	K-18394-00-0-1	1	1	2	2	3	3	4	3	4	4	5	5	6	5
	K-18394-00-0-5														
	K-18394-00-0-6														
	K-18394-00-0-7														
	Contains: 3 complete sash hinges														

Sash hinge GU-923

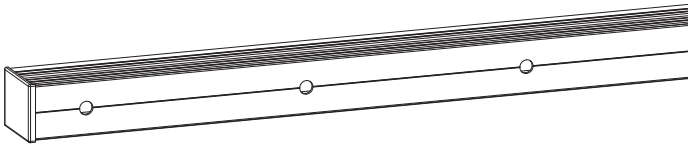
Accessory sash hinges for PVC systems with dummy-mullion profile

Accessory sash hinges for PVC systems with dummy-mullion profile (each packing unit contains 3 pcs)

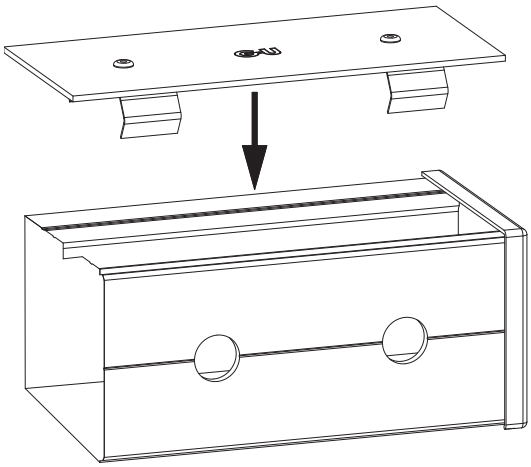
Profile system	Series	Sash hinge packers		Spacing bush for sash hinge
Deceuninck	Zendow 5000 with faceplate 3079	K-18510-03-0-1	order 1x in each case	K-18986-81-0-8 order 1x
		K-18510-03-0-5		
		K-18510-03-0-6		
		K-18510-03-0-7		
		K-18510-12-0-1	order 1x in each case	K-18986-81-0-8 order 1x
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		
LB profile	PCD AD	K-18510-03-0-1	order 1x in each case	K-18986-81-0-8 order 1x
		K-18510-03-0-5		
		K-18510-03-0-6		
		K-18510-03-0-7		
		K-18510-04-0-1	order 1x in each case	
		K-18510-04-0-5		
		K-18510-04-0-6		
		K-18510-04-0-7		
		K-18510-12-0-1	order 1x in each case	
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		
Profine	76	K-18510-05-0-1	order 1x in each case	K-18986-86-0-8 order 1x
		K-18510-05-0-5		
		K-18510-05-0-6		
		K-18510-05-0-7		
		K-18510-12-0-1	order 1x in each case	
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		
Rehau	Geneo	K-18510-04-0-1	order 1x in each case	K-18986-88-0-8 order 1x
		K-18510-04-0-5		
		K-18510-04-0-6		
		K-18510-04-0-7		
		K-18510-05-0-1	order 1x in each case	
		K-18510-05-0-5		
		K-18510-05-0-6		
		K-18510-05-0-7		
		K-18510-12-0-1	order 1x in each case	
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		
	Synego	K-18510-05-0-1	order 1x in each case	K-18986-86-0-8 order 1x
		K-18510-05-0-5		
		K-18510-05-0-6		
		K-18510-05-0-7		
		K-18510-12-0-1	order 1x in each case	
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		
Salamander	bluEvolution 82	K-18510-03-0-1	order 1x in each case	K-18986-88-0-8 order 1x
		K-18510-03-0-5		
		K-18510-03-0-6		
		K-18510-03-0-7		
		K-18510-05-0-1	order 1x in each case	
		K-18510-05-0-5		
		K-18510-05-0-6		
		K-18510-05-0-7		
		K-18510-12-0-1	order 1x in each case	
		K-18510-12-0-5		
		K-18510-12-0-6		
		K-18510-12-0-7		

Profiles set

1 **Guide track with cover profile and lateral caps at top**



1 **Roller track with brush seal, cover profile and lateral caps at bottom**



2 **Adapter with cover for roller track at bottom**

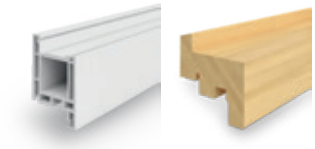
Profiles set

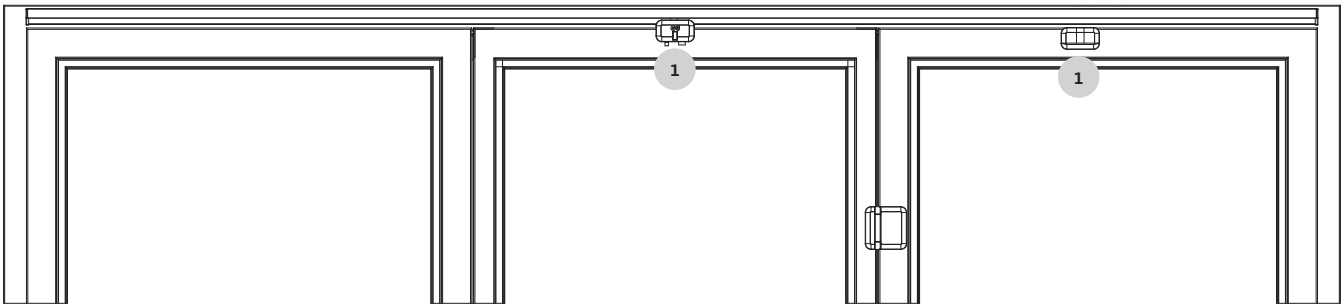
Hardware overview of profile sets

Item	Set of profiles	TFW	Required quantity per pattern													
			220	321	330	431	440	541	550	532	651	633	660	761	770	743
1	K-18395-30-0-1	– 2960	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	K-18395-40-0-1	2961 – 3960														
	K-18395-50-0-1	3961 – 5000														
	K-18395-67-0-1	5001 – 6700														
	K-18395-30-0-5	– 2960														
	K-18395-40-0-5	2961 – 3960														
	K-18395-50-0-5	3961 – 5000														
	K-18395-67-0-5	5001 – 6700														
	K-18395-30-0-6	– 2960														
	K-18395-40-0-6	2961 – 3960														
	K-18395-50-0-6	3961 – 5000														
	K-18395-67-0-6	5001 – 6700														
	K-18395-30-0-7	– 2960														
	K-18395-40-0-7	2961 – 3960														
	K-18395-50-0-7	3961 – 5000														
	K-18395-67-0-7	5001 – 6700														
	Contents: 1 roller track, 1 guide track, 2 brush seals, 1 end cap for guide track on right, 1 end cap for guide track on left, 1 end cap for roller track on right, 1 end cap for roller track on left, 1 cover profile for roller track, 1 cover profile for guide track															

Item	Adapter set for roller track	Required quantity per pattern													
		220	321	330	431	440	541	550	532	651	633	660	761	770	743
2	K-18398-00-0-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	K-18398-00-0-5														
	K-18398-00-0-6														
	K-18398-00-0-7														
	Contains: adapter, 1 cover for adapter														

Folding catch





Folding catch

Hardware overview of folding catch

Item	Folding catch	Required quantity per pattern													
		220	321	330	431	440	541	550	532	651	633	660	761	770	743
1	K-18292-10-0-1	–	–	1	1	–	–	1	1	1	2	–	–	1	1
	K-18929-10-0-5														
	K-18929-10-0-6														
	K-18929-10-0-7														
	Contains: 1 set of folding catches														

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CLS–w/oLC–MA45106
Lever-operated gears 108

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CLS–wLC–MA15114
CLS–w/oLC–MA15116
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CLS–w/oLC–MA45120
Lever-operated gears 122

4.3 Centre-lock pattern 220, 440 and 660 124

Overview of UNI-JET central locking systems per pattern

and corresponding profiles

Profiles for flush-closing PVC systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Aluplast Ideal 2000 Asia
Aluplast Ideal 4000
Deceunink Zendow 5000
Gealan S 8000
Gealan S 9000
LB Profile PCD AD
Profine EuroFutur Classic
Profine EuroFutur Elegance
Profine KBE 70 AD
Rehau ThermoDesign 60
Schüco Corona CT 70
Inoutic Eforte
Veka SL 82
Veka Softline

PVC systems with dummy-mullion profile

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

Deceuninck Zendow 5000 with dummy-mullion profile 3079
Profine 76
Rehau Geneo
Rehau Synego
Salamander bluEvolution 82

Flush-closing timber systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA30***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**
The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
Sash with hardware groove K-13700-13-0-1 / -5 / -7

Abbreviations for central locking systems

Abbr.	Designation
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear w/o locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear w/o locking cams
CLS–w/oLC–MA30	Central locking system with BS30 gear w/o locking cams
CLS–LOG	CLS with lever-operated gear

Overview of UNI-JET central locking systems per pattern

and corresponding profiles

Profiles for flush-closing PVC systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	–	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	–	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	–	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	–	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON	
Pattern 651	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	–	CLS–TU-ON
Pattern 761	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15

Aluplast Ideal 2000 Asia
Aluplast Ideal 4000
Deceunink Zendow 5000
Gealan S 8000
Gealan S 9000
LB Profile PCD AD
Profine EuroFutur Classic
Profine EuroFutur Elegance
Profine KBE 70 AD
Rehau ThermoDesign 60
Schüco Corona CT 70
Inoutic Eforte
Veka SL 82
Veka Softline

PVC systems with dummy-mullion profile

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	CLS–w/oLC–MA15					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA45	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA45	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–w/oLC–MA15	CLS–w/oLC–MA15	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA45	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–w/oLC–MA15	CLS–w/oLC–MA45	CLS–wLC–MA15

Deceuninck Zendow 5000 with dummy-mullion profile 3079
Profine 76
Rehau Geneo
Rehau Synego
Salamander bluEvolution 82

Flush-closing timber systems

Patterns	Sash 1	Sash 2	Sash 3	Sash 4	Sash 5	Sash 6	Sash 7
Pattern 220	CLS–TU-ON	**CLS–w/oLC–MA30***					
Pattern 321	CLS–TU-ON	CLS–LOG	CLS–T&T				
Pattern 330	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15				
Pattern 431	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T			
Pattern 440	CLS–TU-ON	–	CLS–w/oLC–MA15	**CLS–w/oLC–MA30***			
Pattern 532	CLS–TU-ON	CLS–w/oLC–MA30	CLS–wLC–MA15	CLS–LOG	CLS–TU-ON		
Pattern 541	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T		
Pattern 550	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15		
Pattern 633	CLS–TU-ON	CLS–w/oLC–MA30	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON	
Pattern 651	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–LOG	CLS–T&T	
Pattern 660	CLS–TU-ON	–	CLS–w/oLC–MA15	–	CLS–wLC–MA15	**CLS–w/oLC–MA30***	
Pattern 743	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–wLC–MA15	CLS–w/oLC–MA30	CLS–TU-ON
Pattern 761	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–LOG	CLS–T&T
Pattern 770	CLS–TU-ON	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–w/oLC–MA15	CLS–w/oLC–MA30	CLS–wLC–MA15

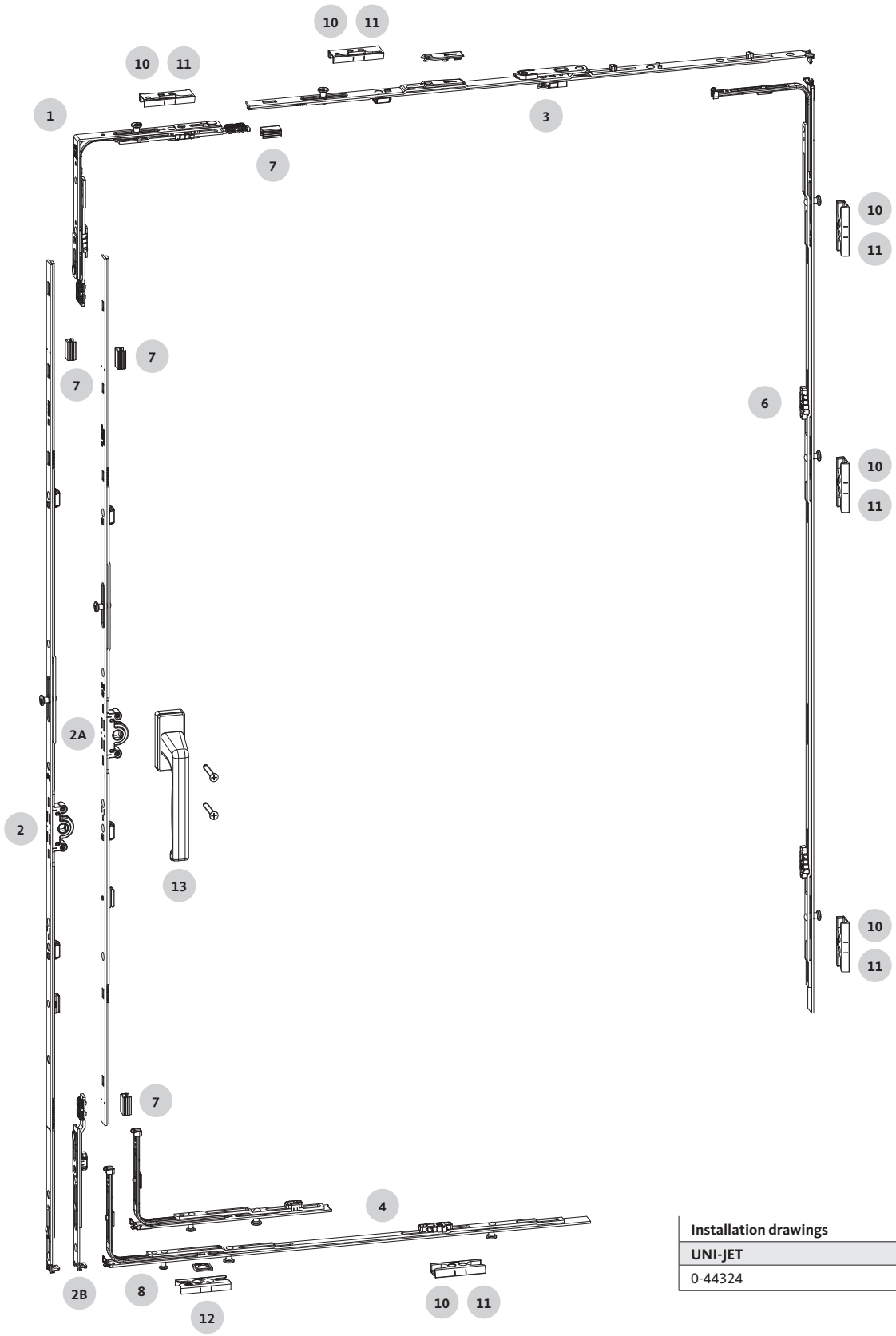
*** With axial dimension 13 mm: CLS–w/oLC–MA15 or CLS–w/oLC–MA30**
The centre-lock set can be used as an alternative to the UNI-JET:
With axial dimension 9 mm: sash without hardware groove K-13700-04-0-1 / -5 / -7
Sash with hardware groove K-13700-13-0-1 / -5 / -7

Abbreviations for central locking systems

Abbr.	Designation
CLS–T&T	Central locking system for Tilt&Turn windows
CLS–TU-ON	Central locking system for Turn-Only windows
CLS–wLC–MA15	Central locking system with BS15 gear with locking cams
CLS–w/oLC–MA15	Central locking system with BS15 gear w/o locking cams
CLS–w/oLC–MA45	Central locking system with BS45 gear w/o locking cams
CLS–w/oLC–MA30	Central locking system with BS30 gear w/o locking cams
CLS–LOG	CLS with lever-operated gear

CLS–T&T

Tilt&Turn / Tilt-First sash – fixed / variable handle height



Installation drawings
UNI-JET
0-44324

CLS–T&T

Tilt&Turn / Tilt-First sash – fixed / variable handle height

Standard corner-drive

Item	SRW	SRH	LC–MA	PU	Article number
1	500 – 1000	851 – 2350	1	10	6-32021-00-0-1

T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	1	10	G-22124-00-0-1
	1101 – 1350	1190	500			G-22125-00-0-1
	1351 – 1600	1440	600	2		G-22127-00-0-1
	1601 – 1850	1690	600	3		G-22128-00-0-1
	1851 – 2100	1940	980			G-22133-00-0-1
	2101 – 2350	2190	980	4		G-22134-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	1	10	G-22082-00-0-1
	951 – 1450	1130	457 – 725			G-22083-00-0-1
	1201 – 1700	1380	600 – 850	2		G-22084-00-0-1
	1451 – 1950	1630	725 – 975			G-22085-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22086-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32303-00-0-1

UNI-JET D, M stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-31512-06-0-1
	751 – 1000	840		1		6-31512-08-0-1

UNI-JET SC stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-34088-06-0-1
	751 – 1000	840		1		6-34088-08-0-1

T&T centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		1	10	6-32012-00-0-1
	751 – 1000	530		2		6-32076-05-0-1

Sec centre-lock on hinge-side

Item	SRH	Length		LC–MA	PU	Article number
6	851 – 1100	530		2	10	6-32008-05-0-1
	1101 – 1350	740				6-32008-07-0-1
	1351 – 1850	1190		3		6-32008-12-0-1
	1851 – 2100	1450				6-32008-15-0-1
	2101 – 2350	1890		4		6-32008-19-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Run-up block (optional)

Item		PU	Article number
8		100	9-41796-00-0-1

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Timber Sec and T&T striker [2]

Item		PU	Article number
12	Euro-rebate 18x8 AX 9	100	6-33082-00-0-1
	Euro-rebate 20x8 AX 9	100	6-33585-00-0-1
	Euro-rebate 24x8 AX 13	100	6-32584-00-0-1
	Euro-rebate 30x8 AX 13	100	6-35422-30-0-1
	Euro-rebate 11/8x4 AX 13	100	6-32584-11-0-1
	Euro-rebate 7/8x4 AX 9	100	6-33082-07-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

PVC Sec and T&T striker [2]

Item		PU	Article number
12	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

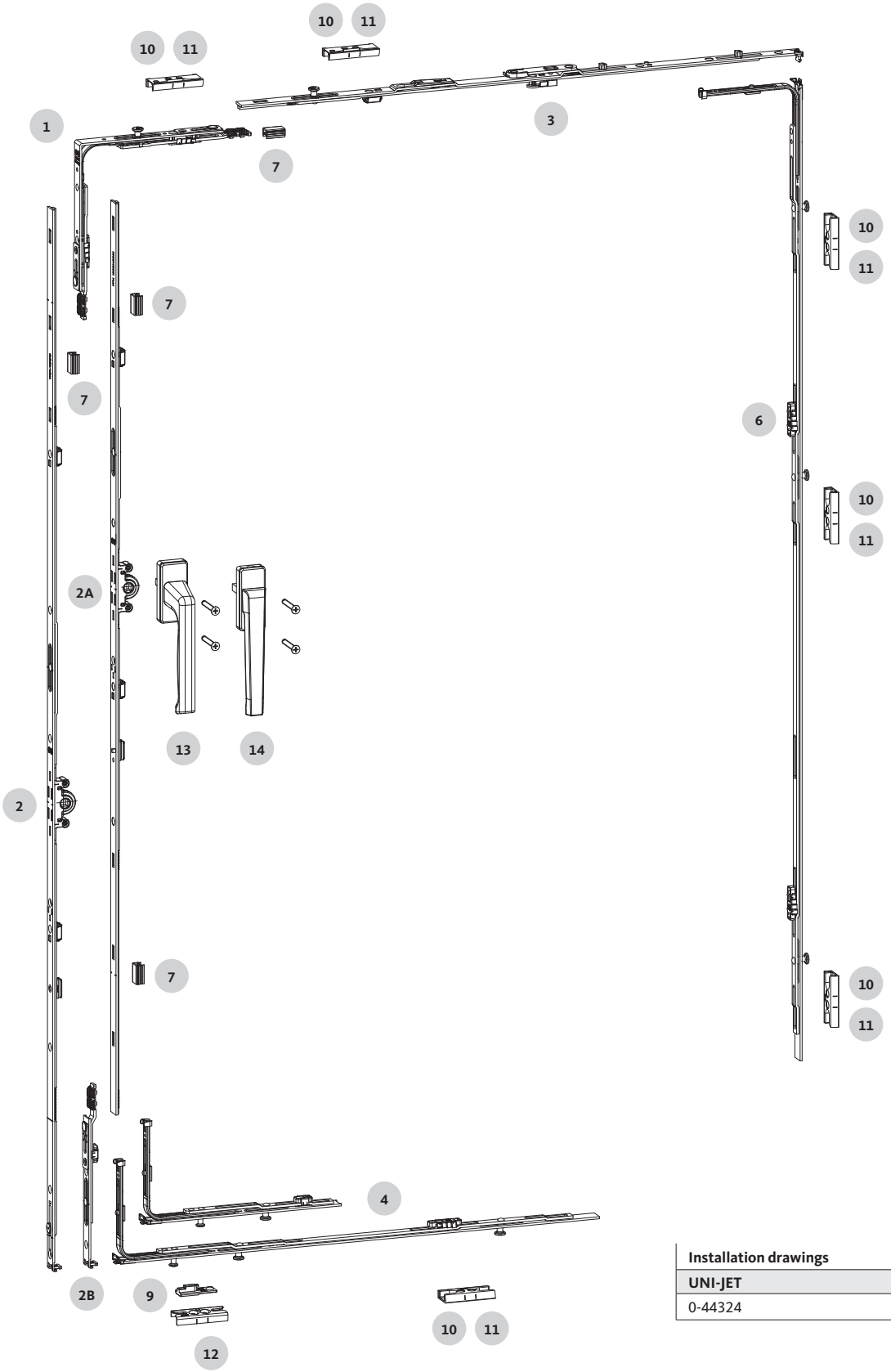
Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5, Frame parts and strikers, page 127.

CLS–TU-ON

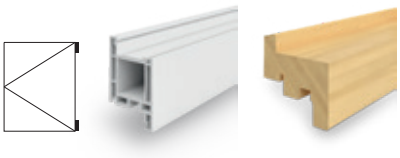
Turn-Only sash – fixed / variable handle height



Installation drawings
UNI-JET
0-44324

CLS–TU-ON

Turn-Only sash – fixed / variable handle height



Standard corner-drive

Item	SRW	SRH	LC–MA	PU	Article number
1	500 – 1000	851 – 2350	1	10	6-32021-00-0-1

Drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	1	10	G-22401-00-0-1
	1101 – 1350	1190	500			G-22402-00-0-1
	1351 – 1600	1440	600	2		G-22404-00-0-1
	1601 – 1850	1690	600	3		G-22405-00-0-1
	1851 – 2100	1940	980			G-22410-00-0-1
	2101 – 2350	2190	980	4		G-22411-00-0-1

Drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	1	10	G-22800-00-0-1
	951 – 1450	1130	457 – 725			G-22801-00-0-1
	1201 – 1700	1380	600 – 850	2		G-22802-00-0-1
	1451 – 1950	1630	725 – 975			G-22803-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22804-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32303-00-0-1

UNI-JET D, M stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-31512-06-0-1
	751 – 1000	840		1		6-31512-08-0-1

UNI-JET SC stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-34088-06-0-1
	751 – 1000	840		1		6-34088-08-0-1

Centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		1	10	6-32012-00-0-1
	751 – 1000	530		2		6-32076-05-0-1

Sec centre-lock on hinge-side

Item	SRH	Length		LC–MA	PU	Article number
6	851 – 1100	530		2	10	6-32008-05-0-1
	1101 – 1350	740				6-32008-07-0-1
	1351 – 1850	1190		3		6-32008-12-0-1
	1851 – 2100	1450				6-32008-15-0-1
	2101 – 2350	1890		4		6-32008-19-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Travel-restrictor 90°

Item		PU	Article number
9		100	9-33432-00-0-1

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Sec striker, timber [2]

Item		PU	Article number
12	Euro-rebate 18x8 AX 9	100	6-33082-00-0-1
	Euro-rebate 20x8 AX 9	100	6-33585-00-0-1
	Euro-rebate 24x8 AX 13	100	6-32584-00-0-1
	Euro-rebate 30x8 AX 13	100	6-35422-30-0-1
	Euro-rebate 11/8x4 AX 13	100	6-32584-11-0-1
	Euro-rebate 7/8x4 AX 9	100	6-33082-07-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Sec striker, PVC [2]

Item		PU	Article number
12	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

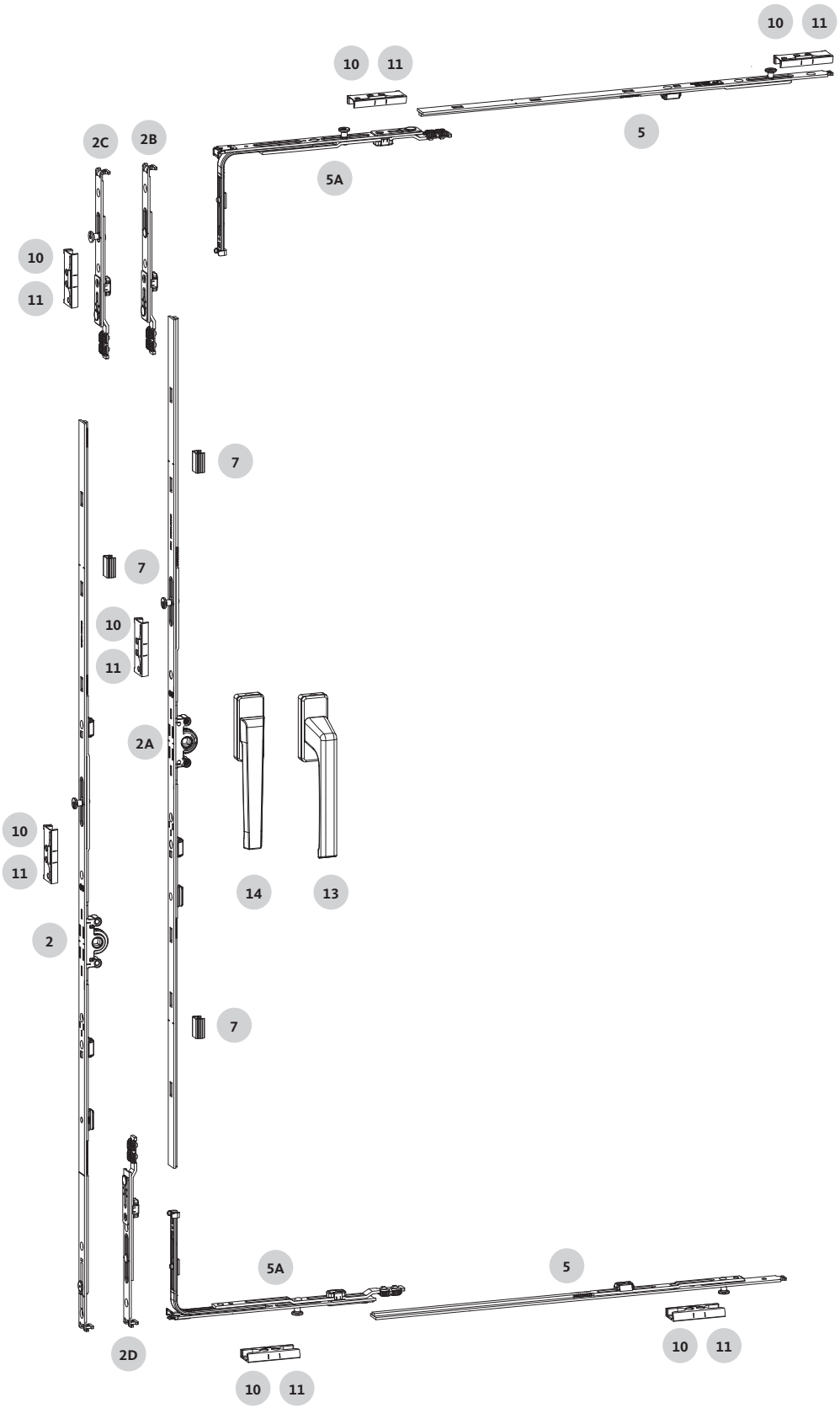
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–wLC–MA15

Drive-gear D15 with locking cams



CLS–wLC–MA15

Drive-gear D15 with locking cams

T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	1	10	G-22124-00-0-1
	1101 – 1350	1190	500			G-22125-00-0-1
	1351 – 1600	1440	600	2		G-22127-00-0-1
	1601 – 1850	1690	600	3		G-22128-00-0-1
	1851 – 2100	1940	980			G-22133-00-0-1
	2101 – 2350	2190	980	4		G-22134-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	1	10	G-22082-00-0-1
	951 – 1450	1130	457 – 725			G-22083-00-0-1
	1201 – 1700	1380	600 – 850	2		G-22084-00-0-1
	1451 – 1950	1630	725 – 975			G-22085-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22086-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 90°

Item	SRH	Length		LC–MA	PU	Article number
2C	480 – 2350	160		1	10	6-32104-00-0-1

Gear connector 180°

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

Extension (horizontal top and bottom)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 8100	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-C (coupleable)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

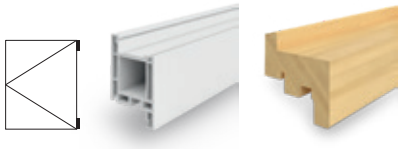
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

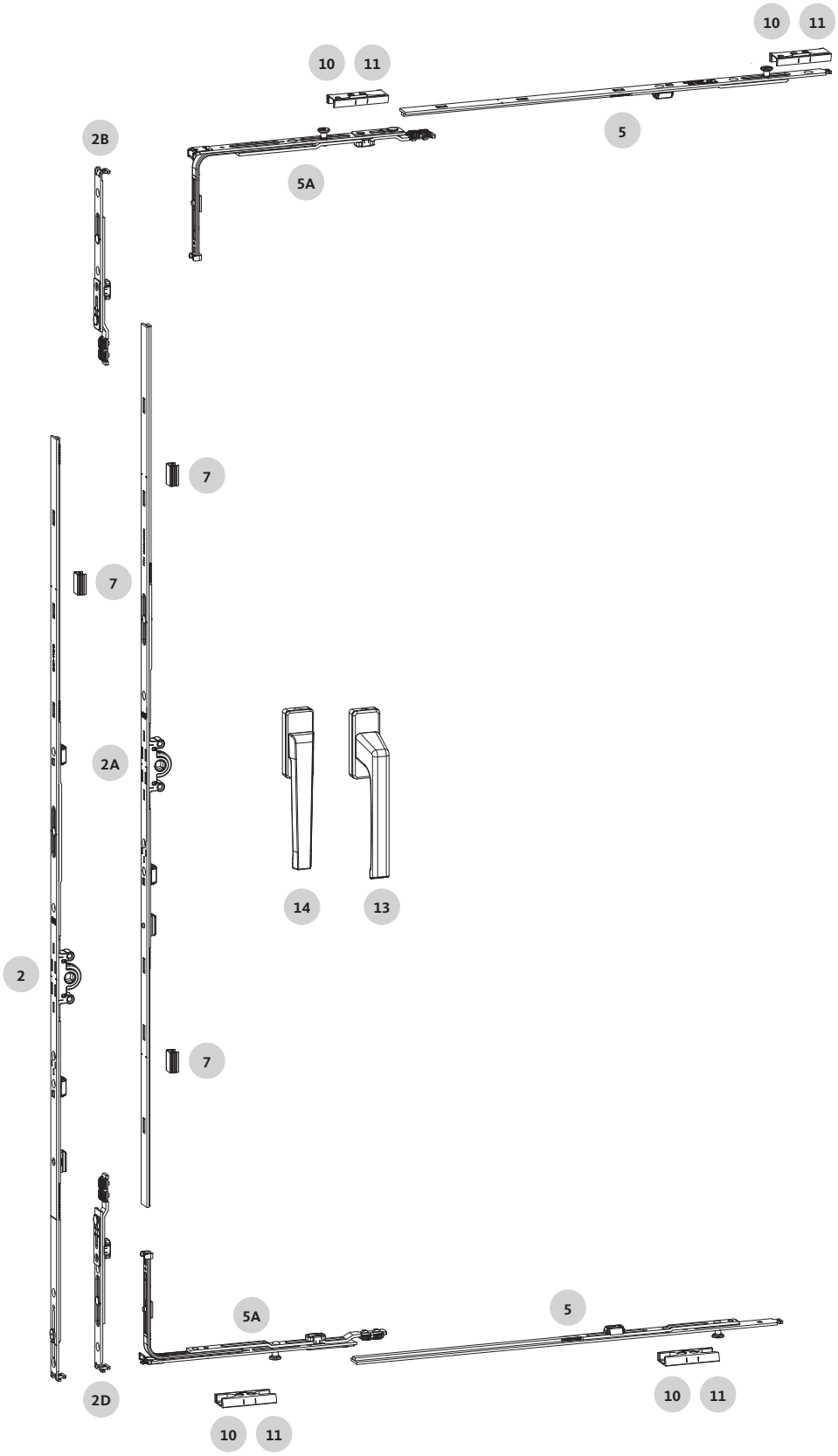
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–w/oLC–MA15

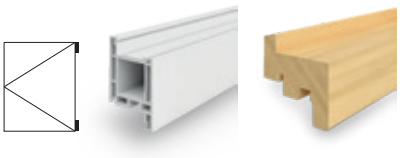
Drive-gear D15 without locking cams





CLS–w/oLC–MA15

Drive-gear D15 without locking cams



T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22401-00-0-1
	1101 – 1350	1190	500	–		G-22402-00-0-1
	1351 – 1600	1440	600	–		G-22404-00-0-1
	1601 – 1850	1690	600	–		G-22405-00-0-1
	1851 – 2100	1940	980	–		G-22410-00-0-1
	2101 – 2350	2190	980	–		G-22411-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	–	10	G-22800-00-0-1
	951 – 1450	1130	457 – 725	–		G-22801-00-0-1
	1451 – 1950	1630	725 – 975	–		G-22803-00-0-1
	1951 – 2350	2130	975 – 1225	–		G-22804-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

Extension (horizontal top and bottom)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-C (coupleable)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [2]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

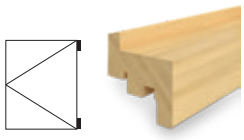
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

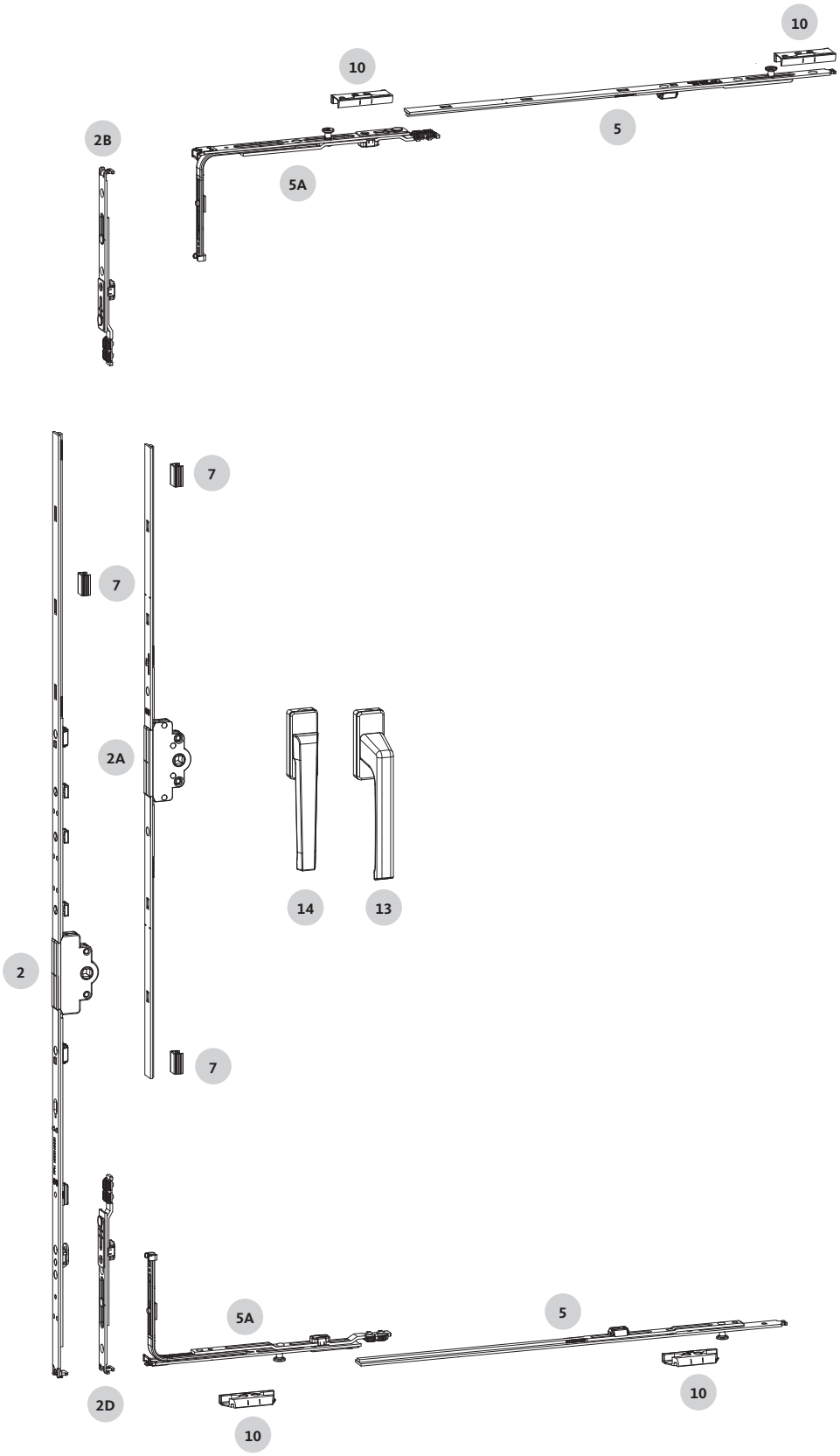
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–w/oLC–MA30

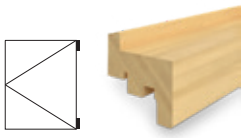
Drive-gear D30 without locking cams





CLS–w/oLC–MA30

Drive-gear D30 without locking cams



T&T drive-gear 30 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22401-00-0-1
	1101 – 1350	1190	500	–		G-22402-00-0-1
	1351 – 1600	1440	600	–		G-22404-00-0-1
	1601 – 1850	1690	600	–		G-22405-00-0-1
	1851 – 2100	1940	980	–		G-22410-00-0-1
	2101 – 2350	2190	980	–		G-22411-00-0-1

T&T drive-gear 30 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 950	880	190 – 315	–	10	G-22343-30-0-1
	951 – 1450	1130	315 – 565	–		6-38945-30-0-1
	1451 – 1950	1630	565 – 815	–		6-39027-30-0-1
	1951 – 2350	2130	815 – 1065	–		6-39028-30-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180° for drive-gear, variable handle height (bottom)

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

Extension (horizontal top and bottom)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-C (coupleable)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

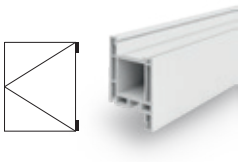
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

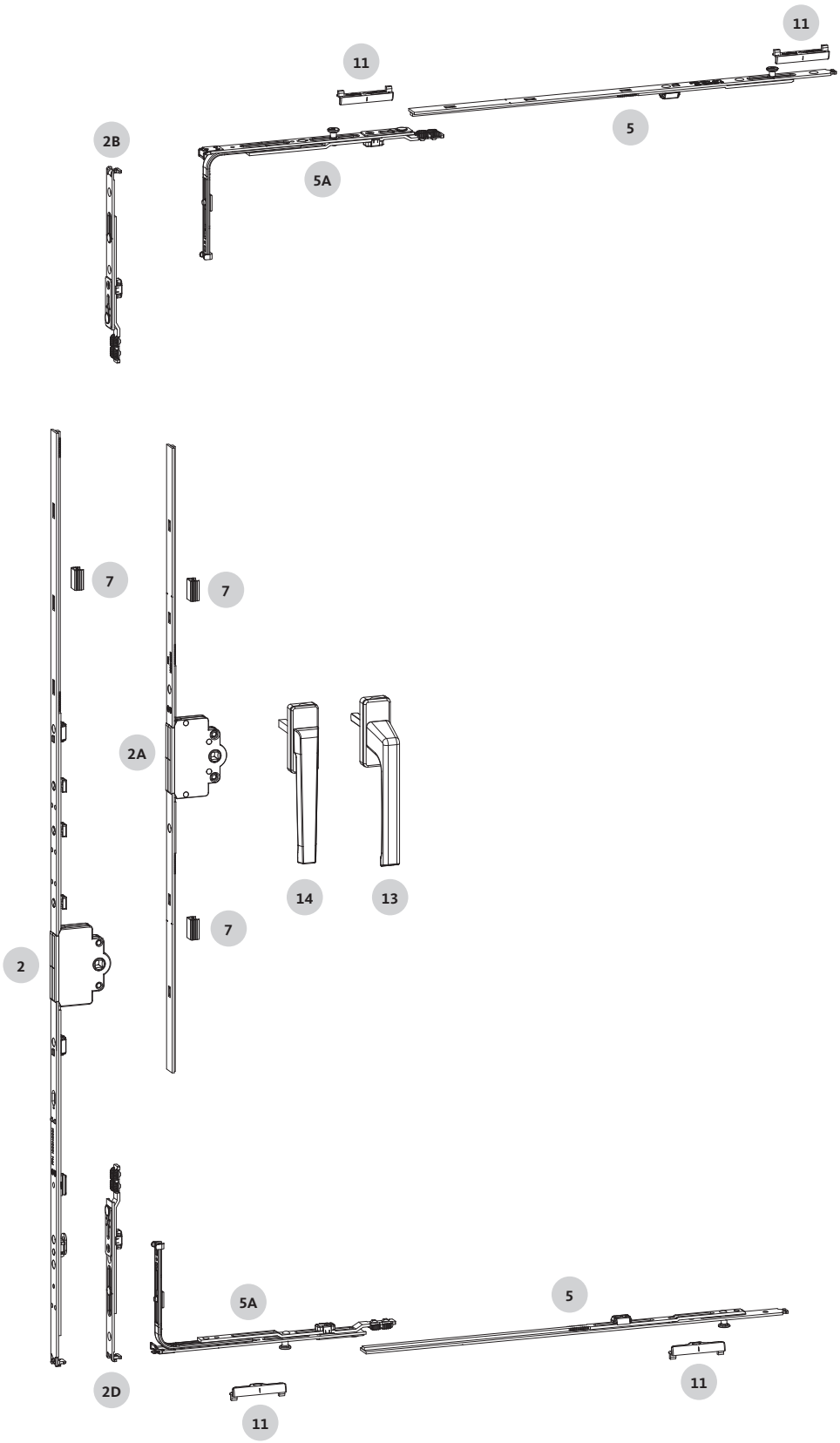
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–w/oLC–MA45

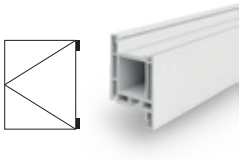
Drive-gear D45 without locking cams





CLS–w/oLC–MA45

Drive-gear D45 without locking cams



T&T drive-gear 45 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22790-45-0-1
	1101 – 1350	1190	500	–		G-22791-45-0-1
	1351 – 1600	1440	600	–		G-22792-45-0-1
	1601 – 1850	1690	600	–		G-22793-45-0-1
	1851 – 2100	1940	980	–		G-22321-45-0-1
	2101 – 2350	2190	980	–		G-22322-45-0-1

T&T drive-gear 45 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 950	880	190 – 315	–	10	G-22343-45-0-1
	951 – 1450	1130	315 – 565	–		G-22344-45-0-1
	1451 – 1950	1630	565 – 815	–		G-22345-45-0-1
	1951 – 2350	2130	815 – 1065	–		G-22346-45-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180° for drive-gear, variable handle height (bottom)

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

Extension (horizontal top and bottom)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-C (coupleable)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

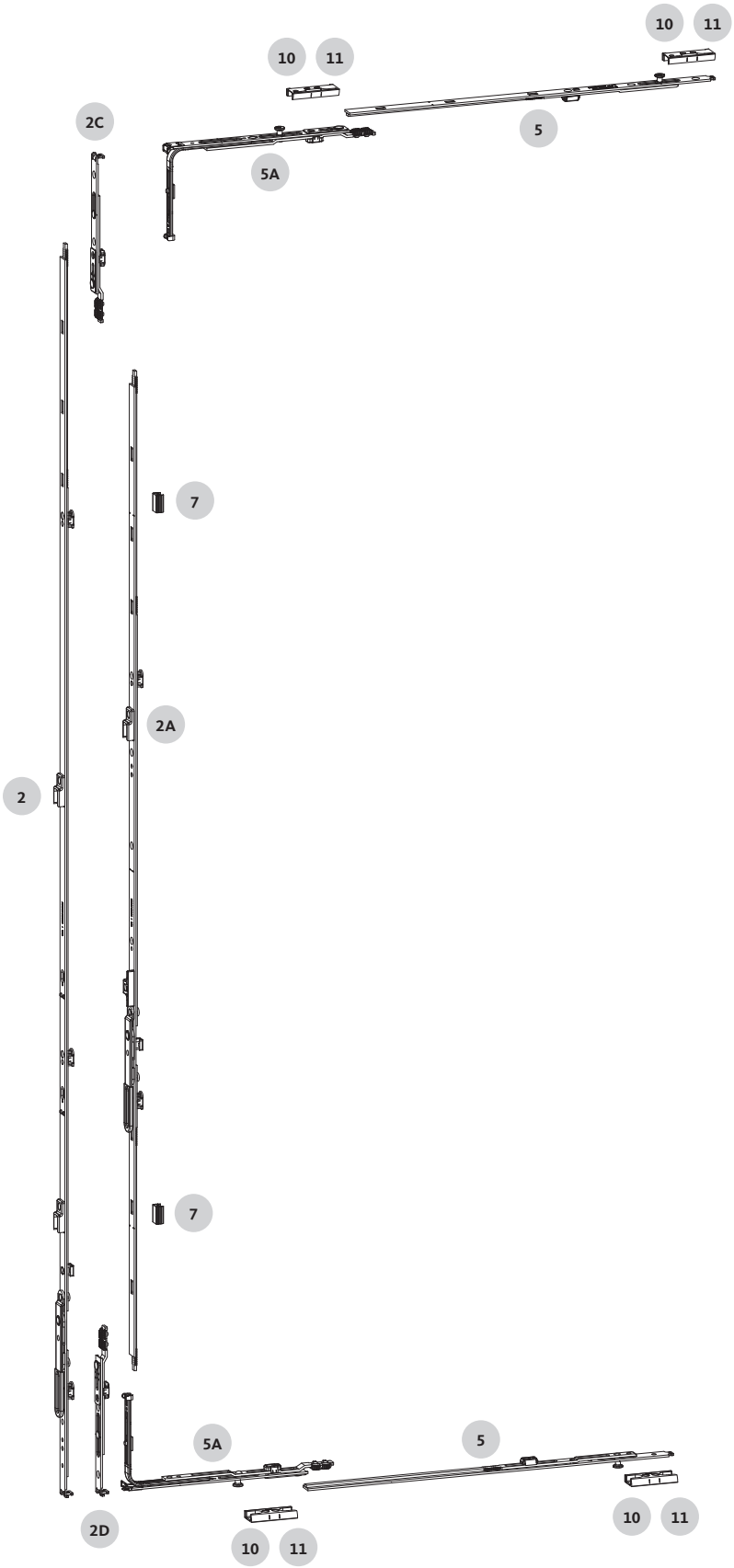
Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

Lever-operated gears



Lever-operated gears

ZH lever-operated gears, fixed

Item	SRH	Length	HH	S [1]	PU	Article number
2	851 – 1100	940	400	1	10	G-22182-00-0-1
	1101 – 1350	1190	500			G-22183-00-0-1
	1351 – 1600	1440	600	2		G-22184-00-0-1
	1601 – 1850	1690	600	3		G-22186-00-0-1
	1851 – 2100	1940	980			G-22186-00-0-1
	2101 – 2350	2190	980	4		G-22187-00-0-1

ZH lever-operated gears, variable

Item	SRH	Length	HH	S [1]	PU	Article number
2A	851 – 950	880	400	1	10	G-22170-00-0-1
	951 – 1450	1130	400	1		G-22171-00-0-1
	1201 – 1700	1380	400	2		G-22802-00-0-1
	1451 – 1950	1630	400	2		G-22172-00-0-1
	1951 – 2350	2130	400	3		G-22173-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2C	480 – 2350	160		1	10	6-32104-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	3-32303-00-0-1

Extension (horizontal top and bottom)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-C (coupleable)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [2]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [3]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [3]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

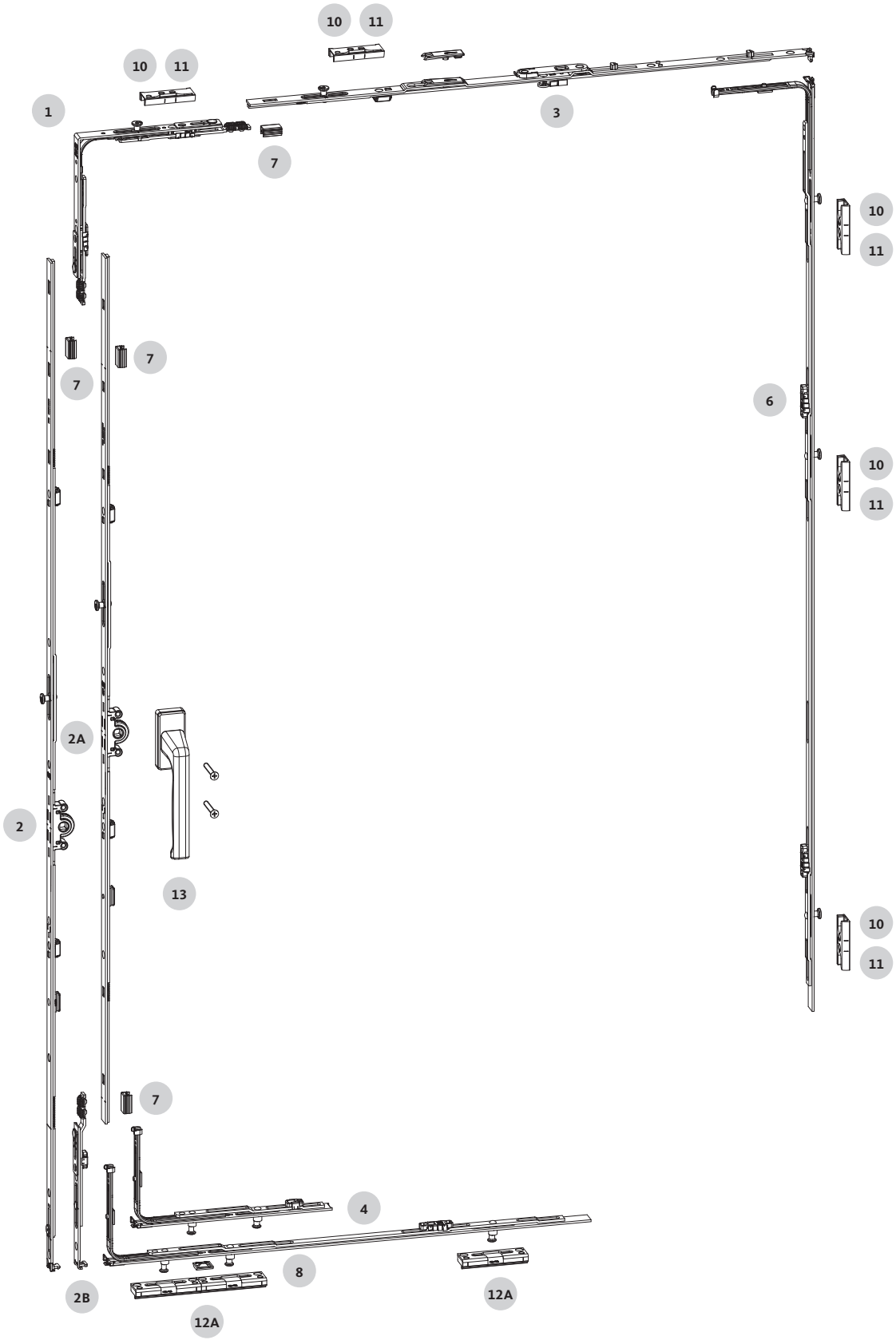
[1] The striker (SP) is mounted on the cover rail.

[2] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[3] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

CLS–T&T

Tilt&Turn / Tilt-First sash – fixed / variable handle height



CLS–T&T

Tilt&Turn / Tilt-First sash – fixed / variable handle height

Standard corner-drive

Item	SRW	SRH	LC–MA	PU	Article number
1	500 – 1000	851 – 2350	1	10	6-32021-00-0-1

T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	1	10	G-22124-00-0-1
	1101 – 1350	1190	500			G-22125-00-0-1
	1351 – 1600	1440	600	2		G-22127-00-0-1
	1601 – 1850	1690	600	3		G-22128-00-0-1
	1851 – 2100	1940	980			G-22133-00-0-1
	2101 – 2350	2190	980	4		G-22134-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	1	10	G-22082-00-0-1
	951 – 1450	1130	457 – 725			G-22083-00-0-1
	1201 – 1700	1380	600 – 850	2		G-22084-00-0-1
	1451 – 1950	1630	725 – 975			G-22085-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22086-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		-	10	6-32303-00-0-1

UNI-JET D, M stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-31512-06-0-1
	751 – 1000	840		1		6-31512-08-0-1

UNI-JET SC stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-34088-06-0-1
	751 – 1000	840		1		6-34088-08-0-1

T&T centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		1	10	6-34694-02-0-1
	751 – 1000	530		2		6-34693-05-0-1

Sec centre-lock on hinge-side

Item	SRH	Length		LC–MA	PU	Article number
6	851 – 1100	530		2	10	6-32008-05-0-1
	1101 – 1350	740				6-32008-07-0-1
	1351 – 1850	1190		3		6-32008-12-0-1
	1851 – 2100	1450				6-32008-15-0-1
	2101 – 2350	1890		4		6-32008-19-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Run-up block (optional)

Item		PU	Article number
8		100	9-41796-00-0-1

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Sec striker, PVC [2]

Item		PU	Article number
12	AX 9	100	see page 128
	AX 13	100	see page 128

DIRIGENT turn handle

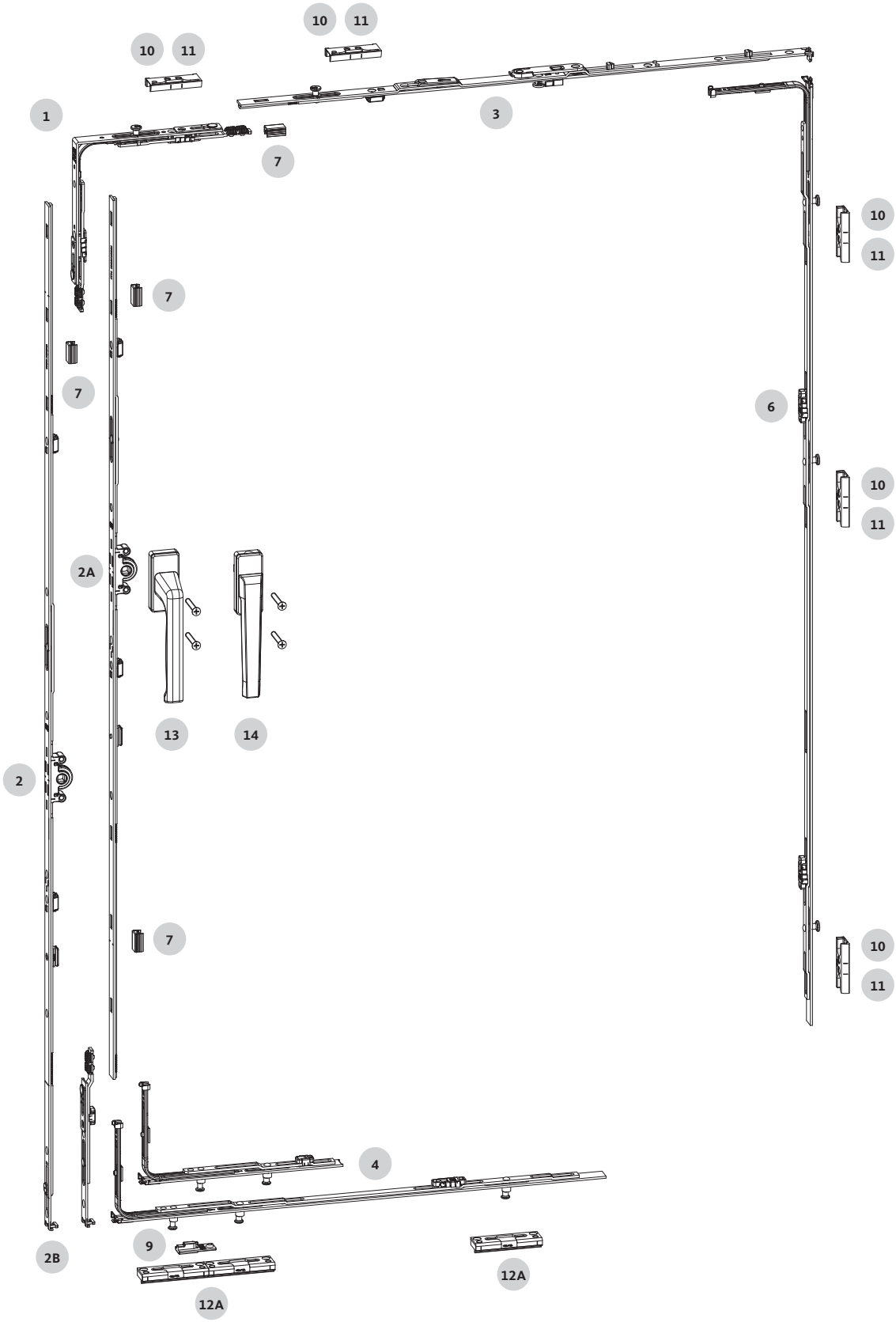
Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

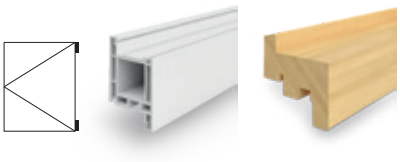
CLS–TU-ON

Turn-Only sash – fixed / variable handle height



CLS–TU-ON

Turn-Only sash – fixed / variable handle height



Standard corner-drive

Item	SRW	SRH	LC–MA	PU	Article number
1	500 – 1000	851 – 2350	–	10	6-32021-00-0-1

Drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22401-00-0-1
	1101 – 1350	1190	500	–		G-22402-00-0-1
	1351 – 1600	1440	600	–		G-22404-00-0-1
	1601 – 1850	1690	600	–		G-22405-00-0-1
	1851 – 2100	1940	980	–		G-22410-00-0-1
	2101 – 2350	2190	980	–		G-22411-00-0-1

Drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	–	10	G-22800-00-0-1
	951 – 1450	1130	457 – 725	–		G-22801-00-0-1
	1201 – 1700	1380	600 – 850	–		G-22802-00-0-1
	1451 – 1950	1630	725 – 975	–		G-22803-00-0-1
	1951 – 2350	2130	975 – 1225	–		G-22804-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32303-00-0-1

UNI-JET D, M stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-31512-06-0-1
	751 – 1000	840		1		6-31512-08-0-1

UNI-JET SC stay-guide

Item	SRW	Length	HH	LC–MA	PU	Article number
3	501 – 750	590		–	10	6-34088-06-0-1
	751 – 1000	840		1		6-34088-08-0-1

T&T centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		1	10	6-34694-02-0-1
	751 – 1000	530		2		6-34693-05-0-1

Sec centre-lock on hinge-side

Item	SRW	Length		LC–MA	PU	Article number
6	851 – 1100	530		2	10	6-32008-05-0-1
	1101 – 1350	740				6-32008-07-0-1
	1351 – 1850	1190		3		6-32008-12-0-1
	1851 – 2100	1450				6-32008-15-0-1
	2101 – 2350	1890		4		6-32008-19-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Travel-restrictor 90°

Item		PU	Article number
9		100	9-33432-00-0-1

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

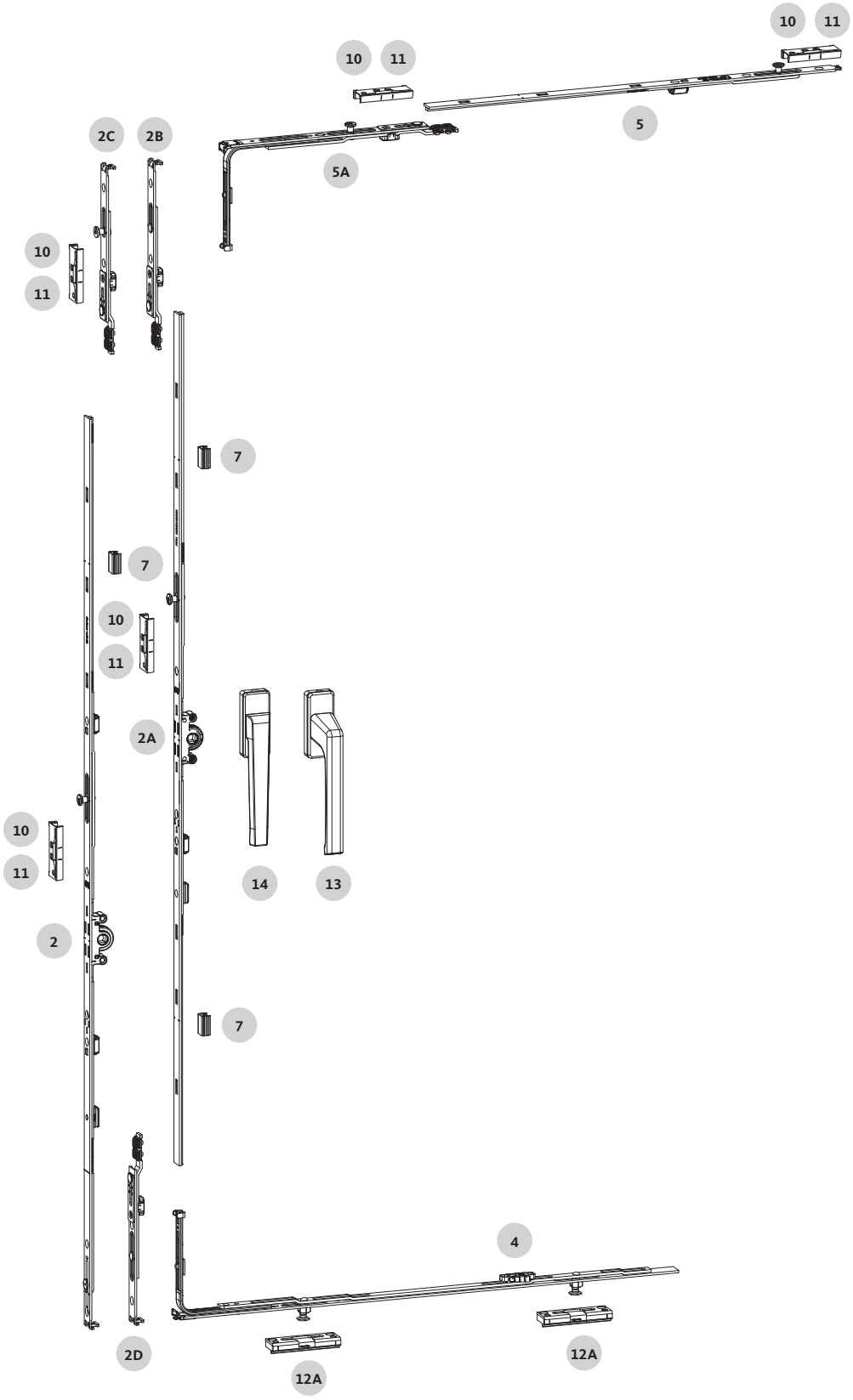
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

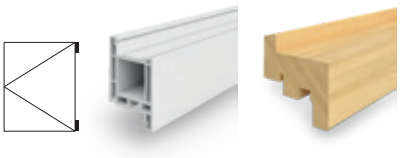
CLS–wLC–MA15

Drive-gear D15 with locking cams



CLS–wLC–MA15

Drive-gear D15 with locking cams



T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	1	10	G-22124-00-0-1
	1101 – 1350	1190	500			G-22125-00-0-1
	1351 – 1600	1440	600	2		G-22127-00-0-1
	1601 – 1850	1690	600	3		G-22128-00-0-1
	1851 – 2100	1940	980			G-22133-00-0-1
	2101 – 2350	2190	980	4		G-22134-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 1200	880	375 – 600	1	10	G-22082-00-0-1
	951 – 1450	1130	457 – 725			G-22083-00-0-1
	1201 – 1700	1380	600 – 850	2		G-22084-00-0-1
	1451 – 1950	1630	725 – 975			G-22085-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22086-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2C	480 – 2350	160		1	10	6-32104-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

TU-ON centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		2	10	6-34694-01-0-1
	751 – 1000	530				6-39322-05-0-1

Extension (horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-K (coupleable, horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

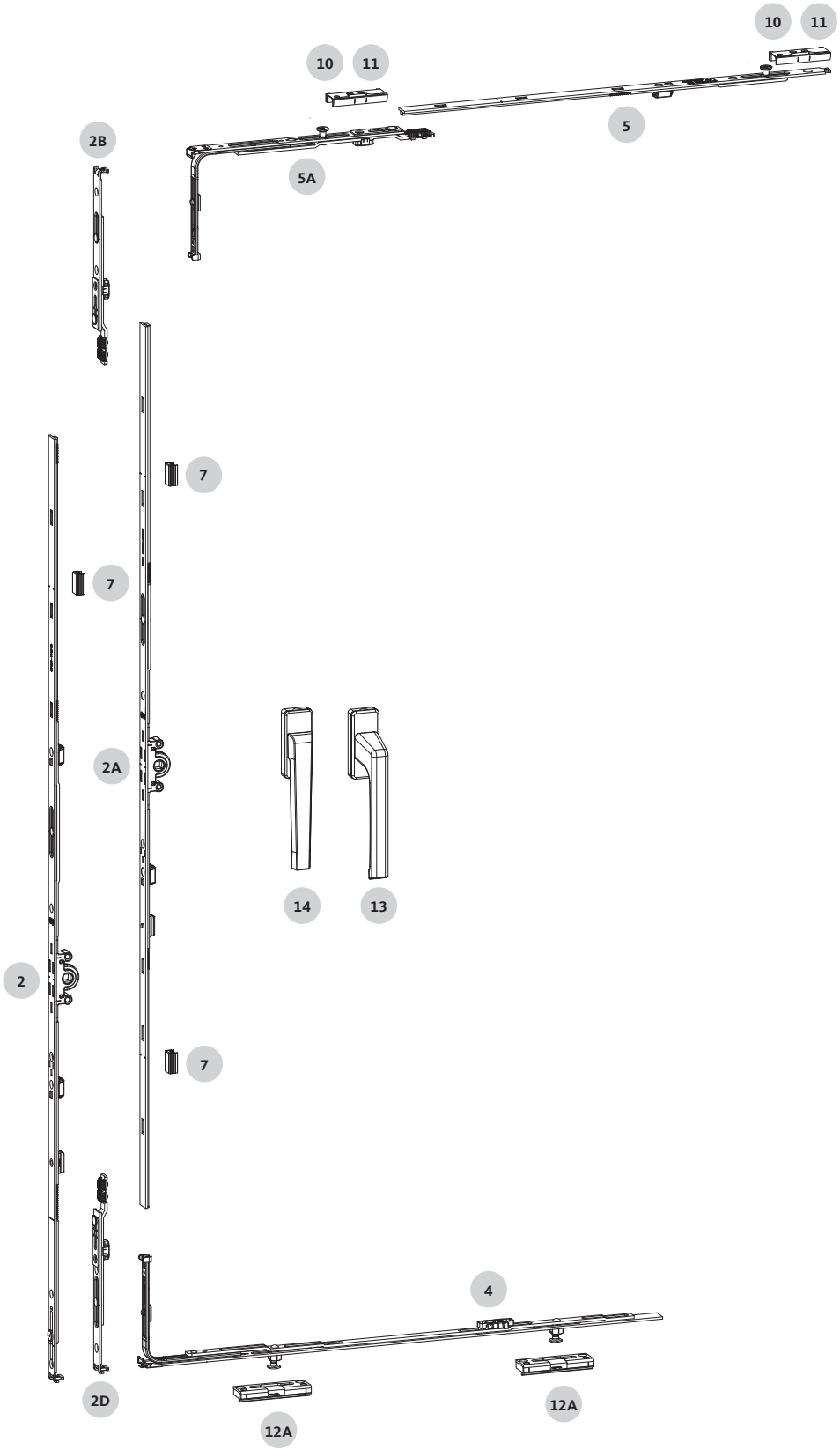
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

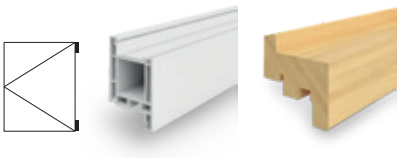
CLS–w/oLC–MA15

Drive-gear D15 without locking cams



CLS–w/oLC–MA15

Drive-gear D15 without locking cams



T&T drive-gear 15 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22401-00-0-1
	1101 – 1350	1190	500	–		G-22402-00-0-1
	1351 – 1600	1440	600	–		G-22404-00-0-1
	1601 – 1850	1690	600	–		G-22405-00-0-1
	1851 – 2100	1940	980	–		G-22410-00-0-1
	2101 – 2350	2190	980	–		G-22411-00-0-1

T&T drive-gear 15 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 950	880	375 – 600	–	10	G-22800-00-0-1
	951 – 1450	1130	457 – 725	–		G-22801-00-0-1
	1451 – 1950	1630	725 – 975	–		G-22803-00-0-1
	1951 – 2350	2130	975 – 1225	–		G-22804-00-0-1

Gear connector 90°, top / bottom

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

TU-ON centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		1	10	6-34694-01-0-1
	751 – 1000	530				6-39322-05-0-1

Extension (horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-K (coupleable, horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

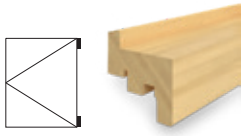
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

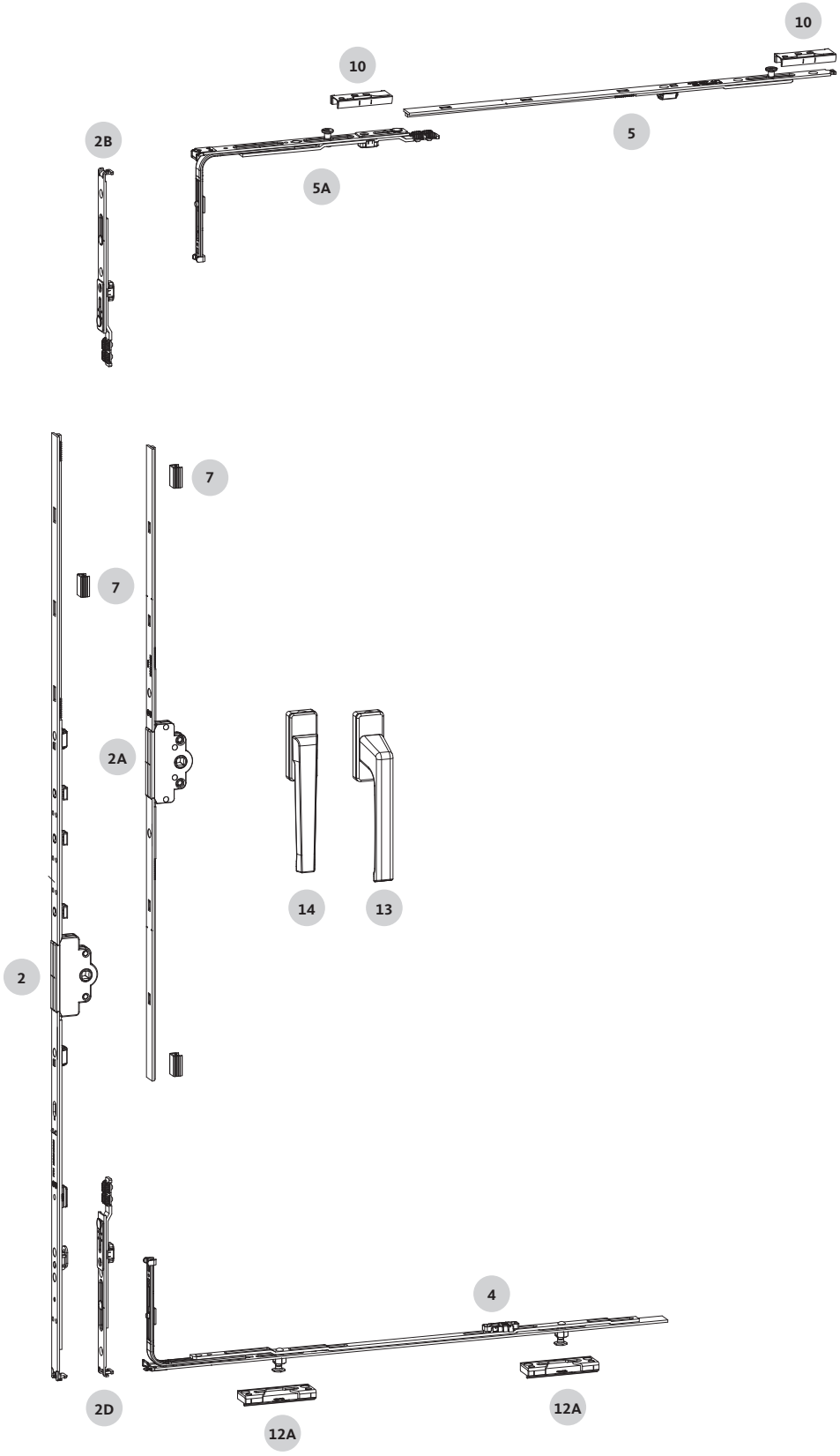
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–w/oLC–MA30

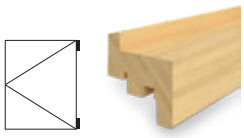
Drive-gear D30 without locking cams





CLS–w/oLC–MA30

Drive-gear D30 without locking cams



T&T drive-gear 30 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22790-30-0-1
	1101 – 1350	1190	500	–		G-22791-30-0-1
	1351 – 1600	1440	600	–		G-22792-30-0-1
	1601 – 1850	1690	600	–		G-22793-30-0-1
	1851 – 2100	1940	980	–		G-22321-30-0-1
	2101 – 2350	2190	980	–		G-22322-30-0-1

T&T drive-gear 30 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 950		375 – 600	–	10	G-22343-30-0-1
	951 – 1450	1130	457 – 725	–		G-38945-30-0-1
	1451 – 1950	1630	725 – 975	–		G-39027-30-0-1
	1951 – 2350	2130	975 – 1225	–		G-39028-30-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180° (bottom)

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

TU-ON centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		2	10	6-34694-01-0-1
	751 – 1000	530				6-39322-05-0-1

Extension (horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-K (coupleable, horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [2]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

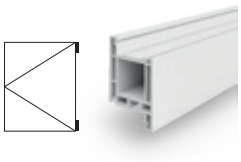
[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

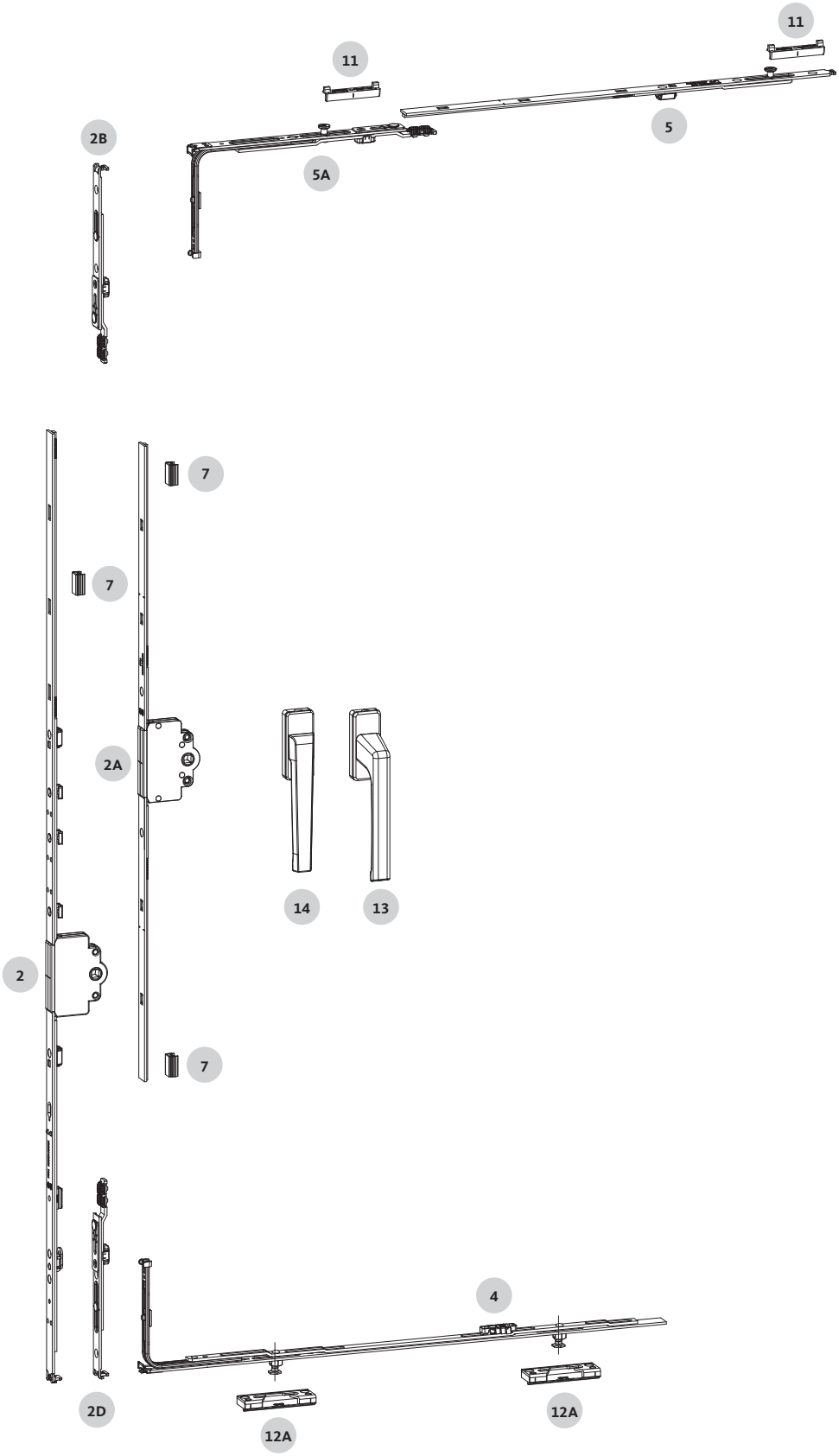
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

CLS–w/oLC–MA45

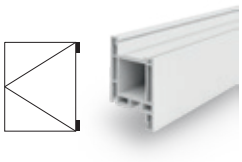
Drive-gear D45 without locking cams





CLS–w/oLC–MA45

Drive-gear D45 without locking cams



T&T drive-gear 30 BS, fixed handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2	851 – 1100	940	400	–	10	G-22790-30-0-1
	1101 – 1350	1190	500	–		G-22791-30-0-1
	1351 – 1600	1440	600	–		G-22792-30-0-1
	1601 – 1850	1690	600	–		G-22793-30-0-1
	1851 – 2100	1940	980	–		G-22321-30-0-1
	2101 – 2350	2190	980	–		G-22322-30-0-1

T&T drive-gear 30 BS, variable handle height

Item	SRH	Length	HH	LC–MA	PU	Article number
2A	851 – 950		375 – 600	–	10	G-22343-30-0-1
	951 – 1450	1130	457 – 725	–		G-38945-30-0-1
	1451 – 1950	1630	725 – 975	–		G-39027-30-0-1
	1951 – 2350	2130	975 – 1225	–		G-39028-30-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2350	160		–	10	6-32624-00-0-1

Gear connector 180° (bottom)

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2350	160		–	10	6-32303-00-0-1

TU-ON centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 750	215		2	10	6-34694-01-0-1
	751 – 1000	740				6-39322-05-0-1

Extension (horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-K (coupleable, horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [1]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (PVC) [2]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

DIRIGENT turn handle

Item	9 mm axis	PU	Article number
13	F 1/EV 1 version	1	6-28072-29-0-1
	UC 5 version	1	6-28072-29-0-5
	Black version	1	6-28072-29-0-6
	White version	1	6-28072-29-0-7
	13 mm axis		
	F 1/EV 1 version	1	6-28072-33-0-1
	UC 5 version	1	6-28072-33-0-5
	Black version	1	6-28072-33-0-6
	White version	1	6-28072-33-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

Turn handle DIRIGENT F/F flat [3]

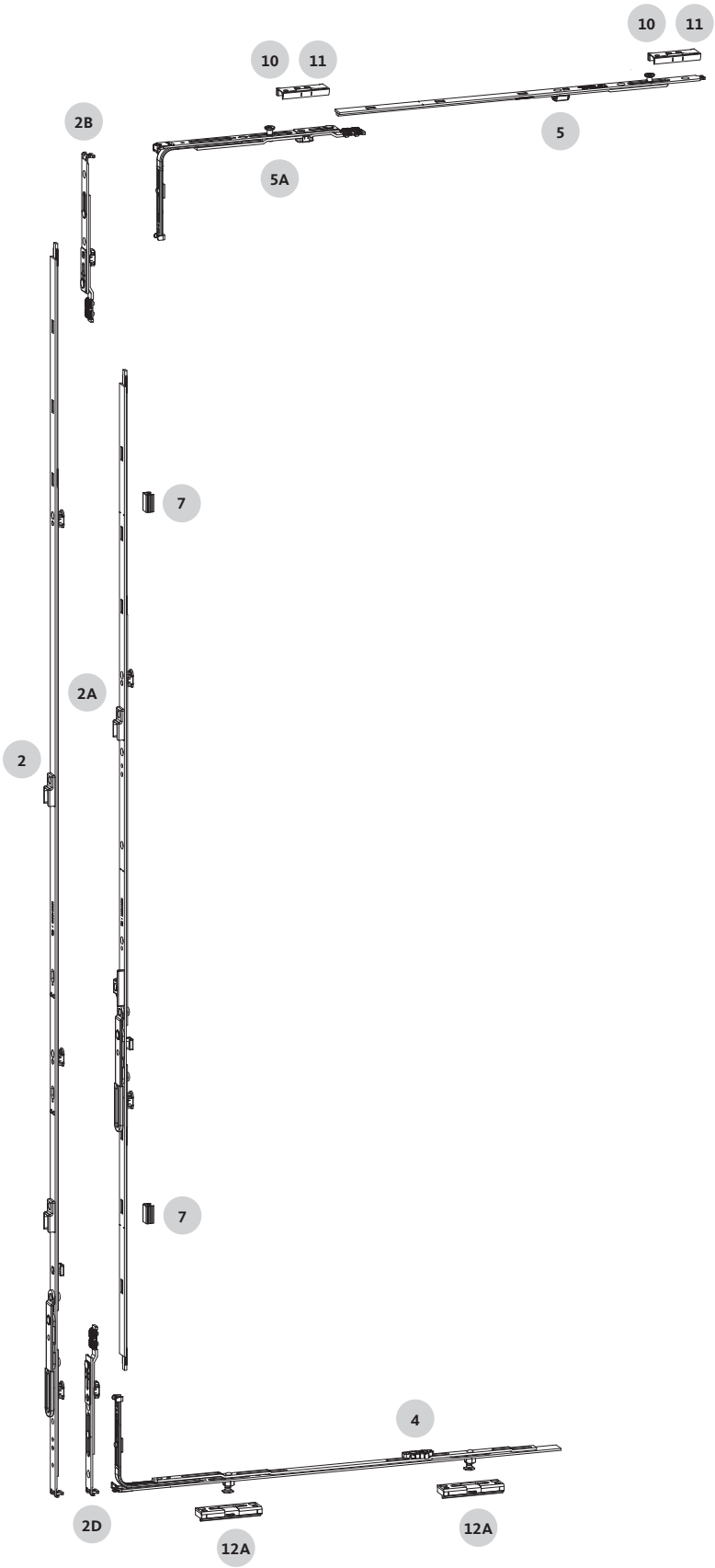
Item	Axis 9/13 mm	PU	Article number
14	F 1/EV 1 version	1	6-28101-00-0-1
	UC 5 version	1	6-28101-00-0-5
	Black version	1	6-28101-00-0-6
	White version	1	6-28101-00-0-7
	2 countersunk screw for turn handle M 5 x 40 mm	400	9-13255-40-0-1

[1] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

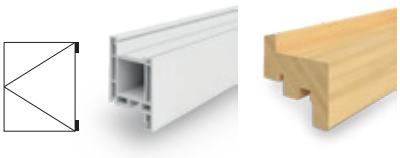
[2] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

[3] The square spindle 9-26874-xx-0-1 must be ordered separately, depending on the profile thickness.

Lever-operated gears



Lever-operated gears



ZH lever-operated gears, fixed

Item	SRH	Length	HH	S [1]	PU	Article number
2	851 – 1100	940	400	1	10	G-22182-00-0-1
	1101 – 1350	1190	500			G-22183-00-0-1
	1351 – 1600	1440	600	2		G-22184-00-0-1
	1601 – 1850	1690	600	3		G-22186-00-0-1
	1851 – 2100	1940	980			G-22186-00-0-1
	2101 – 2350	2190	980	4		G-22187-00-0-1

LOG-VHH lever-operated gears, variable

Item	SRH	Length	HH	S [1]	PU	Article number
2A	851 – 950	630	375 – 600	1	10	G-22170-00-0-1
	951 – 1450	1130	457 – 725			G-22171-00-0-1
	1451 – 1950	1630	725 – 975	2		G-22172-00-0-1
	1951 – 2350	2130	975 – 1225	3		G-22173-00-0-1

Gear connector 90°, top

Item	SRH	Length		LC–MA	PU	Article number
2B	480 – 2800	160		–	10	6-32624-00-0-1

Gear connector 180°, bottom

Item	SRH	Length		LC–MA	PU	Article number
2D	480 – 2800	160		–	10	6-32303-00-0-1

TU-ON centre-lock (horizontal bottom)

Item	SRW	Length		LC–MA	PU	Article number
4	500 – 530	215		2	10	6-34694-01-0-1
	531 – 750	530				6-34694-05-0-1
	751 – 1000	740				6-34694-07-0-1

Extension (horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5	500 – 660	439		2	10	G-22385-03-0-1
	661 – 810	589				G-22385-06-0-1
	811 – 1000	839				G-22385-08-0-1

Centre-lock 215-K (coupleable, horizontal top)

Item	SRW	Length		LC–MA	PU	Article number
5A	500 – 1000	215		1	10	6-32011-00-0-1

Rod guide [2]

Item		PU	Article number
7	Quantity as required	100	8-00805-00-0-0

Standard striker (timber) [3]

Item		PU	Article number
10	Euro-rebate 18x8 AX 9	100	9-42301-18-0-1
	Euro-rebate 20x8 AX 9	100	9-42301-20-0-1
	Euro-rebate 24x8 AX 13	100	9-42654-00-0-1
	Euro-rebate 30x8 AX 13	100	9-42654-30-0-1
	Euro-rebate 11/8x4 AX 13	100	9-42654-11-0-1
	Euro-rebate 7/8x4 AX 9	100	9-42620-00-0-1

Standard striker (PVC) [3]

Item		PU	Article number
11	AX 9	100	see page 128
	AX 13	100	see page 128

Mushroom cam striker for system threshold [2]

Item		PU	Article number
12A	Mushroom cam striker axis 9	100	6-34658-09-0
	Mushroom cam striker axis 13	100	6-34658-13-0

[1] The striker (SP) is mounted on the cover rail.

[2] When cropping the faceplate by less than 150 mm or when the notches are still visible after cropping, position the rod guide 8-00805-00 at least 65 mm before the faceplate end.

[3] The type of striker depends on the profile system used, the number depends on the element size. For more information, refer to Chapter 5 Frame parts and strikers, on page 127.

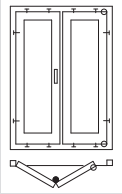
Centre-lock

Patterns 220, 440 und 660

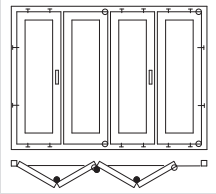
The centre-lock is used for lateral locking of the first door leaf to the frame with pattern 220, 440 and 660 with 9 mm axis.

The centre-lock **cannot** be used for timber systems with 13 mm axial dimension.

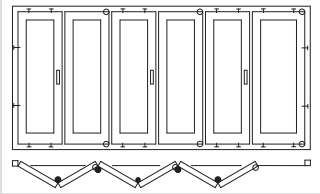
Centre-lock



Pattern 220
2 Fold&Slide sashes



Pattern 440
4 Fold&Slide sashes



Pattern 660
6 Fold&Slide sashes

Axis dimension 9 mm without hardware groove on the sash			
Pattern 220	**Pattern 440**	**Pattern 660**	**Article number**
2	2	2	K-13700-4-0-1
2	2	2	K-13700-4-0-5
2	2	2	K-13700-4-0-7

Axis dimension 9 mm with hardware groove on the sash			
Pattern 220	**Pattern 440**	**Pattern 660**	**Article number**
2	2	2	K-13700-12-0-1
2	2	2	K-13700-12-0-5
2	2	2	K-13700-12-0-7

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5 UNI-JET frame components

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Strikers

for PVC systems

Frame components for PVC systems				
Profile system	**Series**	**Striker Item 28A**	**Standard striker**	**Sec and Tilt-Only striker**
Aluplast	Ideal 2000 Asia	–	9-34907-03-0-1	6-27831-05-0-1
	Ideal 4000	–	9-38218-00-0-1	6-34990-00-0-1
Deceuninck	Zendow 5000 with faceplate 3079	K-18985-06-0-1	9-35508-00-0-1	6-27831-47-0-1
	Zendow 5000	K-18985-06-0-1	9-50187-01-0-1	6-27831-47-0-1
Gealan	S 8000	–	9-35858-00-0-1	6-31067-02-0-1
	S 9000	–	9-35858-00-0-0	6-31067-02-0-1
Inoutic	Eforte	–	9-34492-00-0-1	6-27891-03-0-1
LB profile	PCD AD	K-18985-10-0-1	9-34907-00-0-1	6-27831-16-0-1
Profine	76	K-18985-09-0-1	9-34907-02-0-1	6-36020-03-0-1
Profine KBE	70 CL	–	9-34907-02-0-1	6-27831-56-0-1
Profine	EuroFutur Elegance	–	9-33802-00-0-1	6-27831-01-0-1
	EuroFutur Classic	–	9-33802-00-0-1	6-27831-01-0-1
Rehau	ThermoDesign 60	K-18985-08-0-1	9-35770-00-0-1	6-27831-02-0-1
	Geneo	K-18985-09-0-1	9-44525-01-0-1	6-30495-05-0-1
	Synego	K-18985-09-0-1	9-35770-00-0-1	6-30495-05-0-1
Salamander	bluEvolution 82	K-18958-07-0-1	9-45847-00-0-1 [1]	6-27891-70-0-1 [1]
			9-45847-01-0-1 [2]	6-27831-69-0-1 [2]
Schüco	Corona CT 70	–	9-38218-00-0-1	6-27891-25-0-1
Veka	Softline 82	–	9-45847-00-0-1 [1]	6-34990-05-0-1
			9-45847-01-0-1 [2]	
	Softline 70	–	9-45847-00-0-1 [1]	6-34990-05-0-1
			9-45847-01-0-1 [2]	

[1] for white profiles

[2] for brown or laminated profiles

More profiles for PVC are available on request.

Frame components		
System threshold		
Striker Item 28A for GU system threshold	9 mm axis	K-19016-09-0-1
	13 mm axis	K-19016-13-0-1
Mushroom cam striker	9 mm axis	6-34658-09-0-1
	13 mm axis	6-34658-13-0-1

Strikers

for timber systems

Frame components for timber systems				
Hinge-side	**Profile system**	**Standard striker**	**Sec and Tilt-Only striker**	**Striker Item 28A**
M6/12	Euro-rebate 18x8 AX 9	9-42301-18-0-1	6-33082-00-0-1	K-18985-00-0-1
	Euro-rebate 20x8 AX 9	9-42301-20-0-1	6-33585-00-0-1	K-18985-01-0-1
	Euro-rebate 24x8 AX 13	9-42654-00-0-1	6-32584-00-0-1	K-18985-02-0-1
	Euro-rebate 30x8 AX 13	9-42654-30-0-1	6-35422-30-0-1	K-18985-03-0-1
	Euro-rebate 11/8x4 AX 13	9-42654-11-0-1	6-32584-11-0-1	K-18985-04-0-1
	Euro-rebate 7/8x4 AX 9	9-42620-00-0-1	6-33082-07-0-1	K-18985-05-0-1
M8/12	Euro-rebate 18x8 AX 9	9-42301-18-0-1	6-33082-00-0-1	K-18985-00-0-1
	Euro-rebate 20x8 AX 9	9-42301-20-0-1	6-33585-00-0-1	K-18985-01-0-1
	Euro-rebate 24x8 AX 13	9-42654-00-0-1	6-32584-00-0-1	K-18985-02-0-1
	Euro-rebate 30x8 AX 13	9-42654-30-0-1	6-35422-30-0-1	K-18985-03-0-1
	Euro-rebate 11/8x4 AX 13	9-42654-11-0-1	6-32584-11-0-1	K-18985-04-0-1
	Euro-rebate 7/8x4 AX 9	9-42620-00-0-1	6-33082-07-0-1	K-18985-05-0-1
UNI-JET SC	Euro-rebate 18x8 AX 9	9-42301-18-0-1	6-33082-00-0-1	K-18985-00-0-1
	Euro-rebate 20x8 AX 9	9-42301-20-0-1	6-33585-00-0-1	K-18985-01-0-1
	Euro-rebate 24x8 AX 13	9-42654-00-0-1	6-32584-00-0-1	K-18985-02-0-1
	Euro-rebate 30x8 AX 13	9-42654-30-0-1	6-35422-30-0-1	K-18985-03-0-1
	Euro-rebate 11/8x4 AX 13	9-42654-11-0-1	6-32584-11-0-1	K-18985-04-0-1
	Euro-rebate 7/8x4 AX 9	9-42620-00-0-1	6-33082-07-0-1	K-18985-05-0-1

Frame components		
System threshold		
Striker Item 28A for GU system threshold	9 mm axis	K-19016-09-0-1
	13 mm axis	K-19016-13-0-1
Mushroom cam striker	9 mm axis	6-34658-09-0-1
	13 mm axis	6-34658-13-0-1

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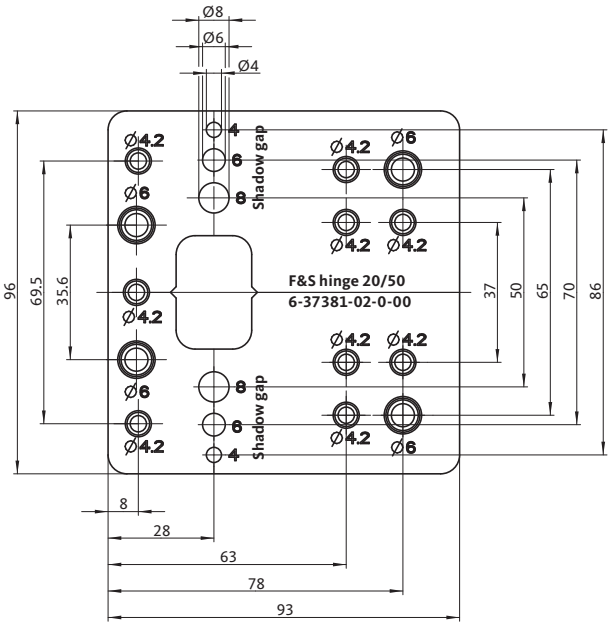
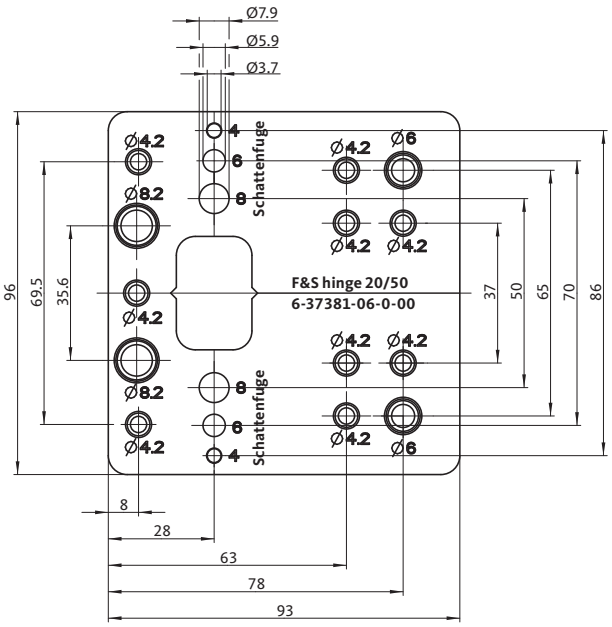
Drilling jigs and accessories GU-923



Drilling jig GU-923 for sash hinge K-18875-02-0-0

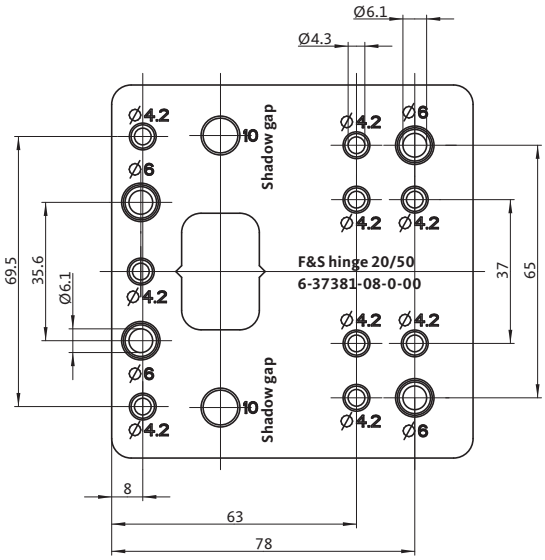
Profile designation	Outside	Inside	Article number
Aluplast Ideal 2000 Asia	■	■	K-18875-02-0-0
Aluplast Ideal 4000	■	■	
Aluplast Ideal 7000		■	
Deceuninck Zendow 5000 with dummy-mullion profile 3079		■	
Deceuninck Zendow 5000	■	■	
Gealan S 8000	■	■	
Gealan S 9000	■	■	
Inoutic Eforte	■	■	
LB Profile PCD AD		■	
Profine EuroFutur Classic	■	■	
Profine EuroFutur Elegance	■	■	
Profine 76 (Kömmerling, KBE, Trocal)		■	
Rehau ThermoDesign 60	■	■	
Rehau Geneo		■	
Rehau Synego		■	
Schüco Corona CT 70	■	■	
Veka Softline 70 AD	■	■	
Veko Softline 82 MD	■	■	



Drilling jig GU-923 for sash hinge K-18875-06-0-0

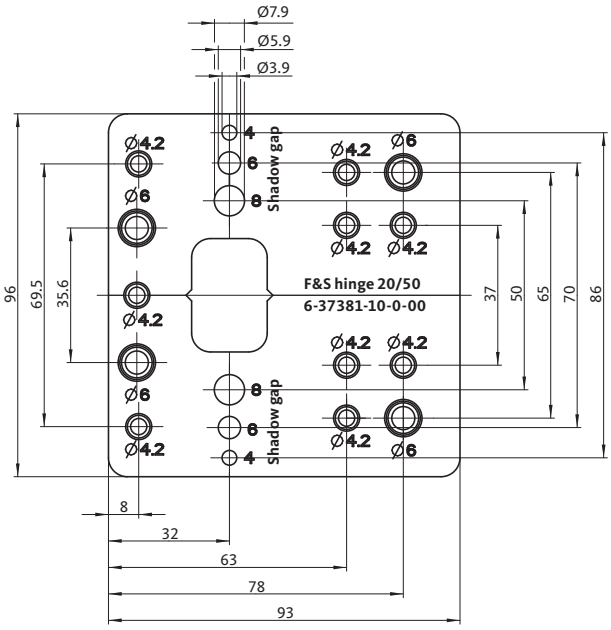
Profile designation	Outside	Inside	Article number
Aluplast Ideal 7000	■		K-18875-06-0-0
LB Profile PCD AD	■		
Profine 76 (Kömmerling, KBE, Trocal)	■		
Rehau Geneo	■		
Rehau Synego	■		
Salamander blueEvolution 82	■		

Drilling jigs and accessories GU-923



Drilling jig GU-923 for sash hinge K-18875-08-0-0

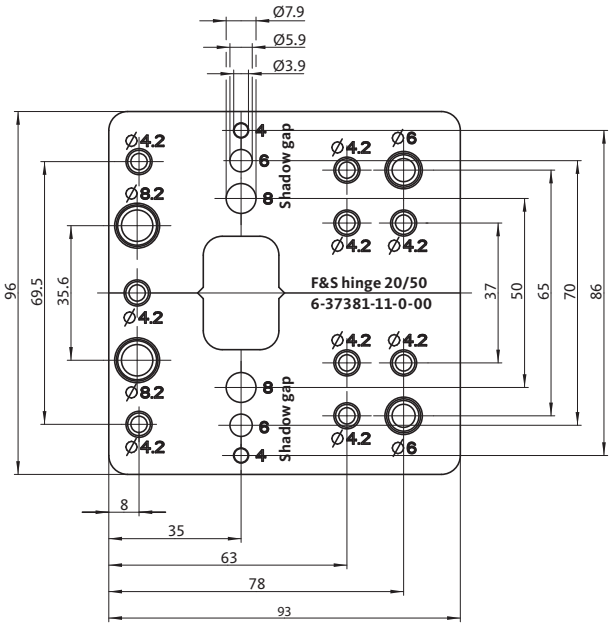
Profile designation	Outside	Inside	Article number
Salamander blueEvolution 82		■	K-18875-08-0-0



Drilling jig GU-923 for sash hinge K-18875-10-0-0

Profile designation	Outside	Inside	Article number
Profine KBE 70 AD	■	■	K-18875-10-0-0

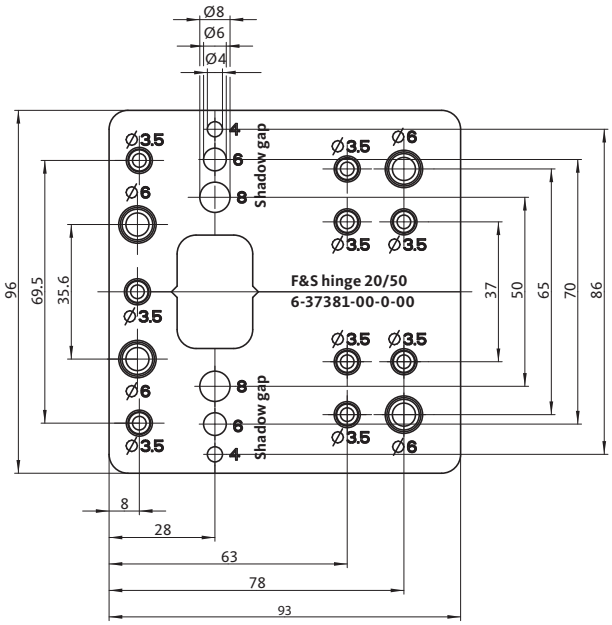
Drilling jigs and accessories GU-923



Drilling jig GU-923 for sash hinge K-18875-11-0-0

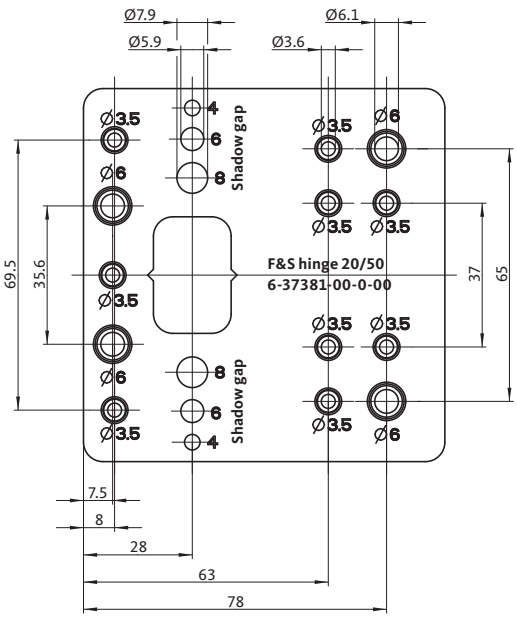
Profile designation	Outside	Inside	Article number
Deceuninck Zendow 5000 with dummy-mullion profile 3079	■		K-18875-11-0-0

Drilling jigs and accessories GU-923



Drilling jig GU-923 for sash hinge K-18875-00-0-0

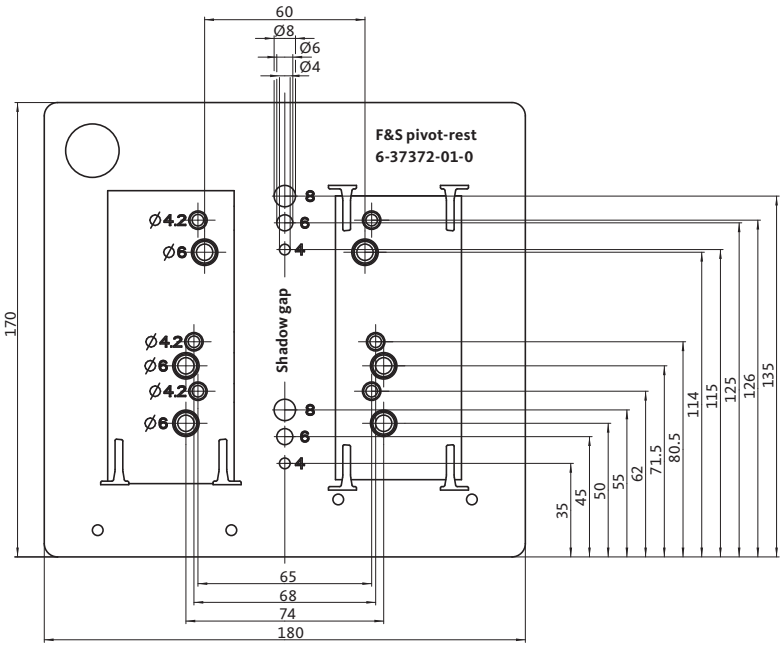
Profile designation	Outside	Inside	Article number
Timber 20/50	■	■	K-18875-00-0-0



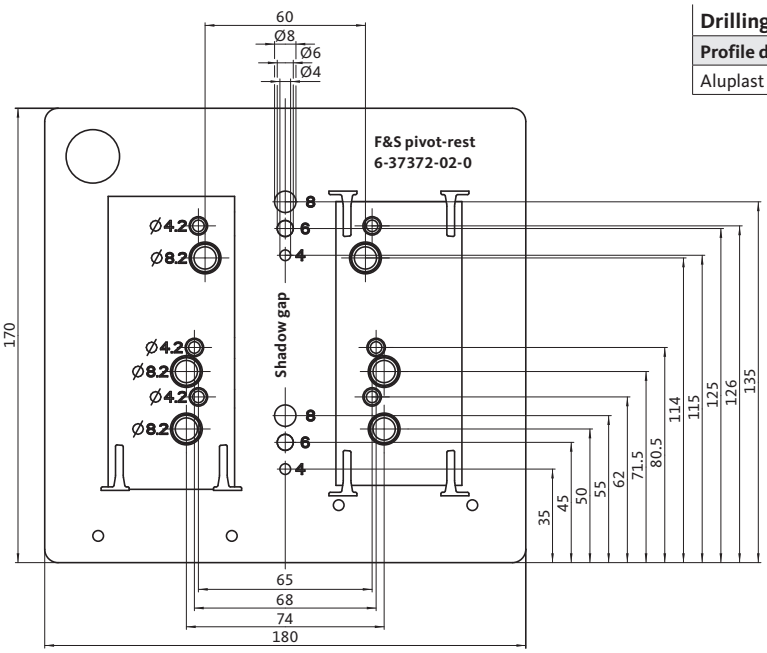
Drilling jig GU-923 for sash hinge K-18875-01-0-0

Profile designation	Outside	Inside	Article number
Timber 20/35	■	■	K-18875-01-0-0

Drilling jigs and accessories GU-923

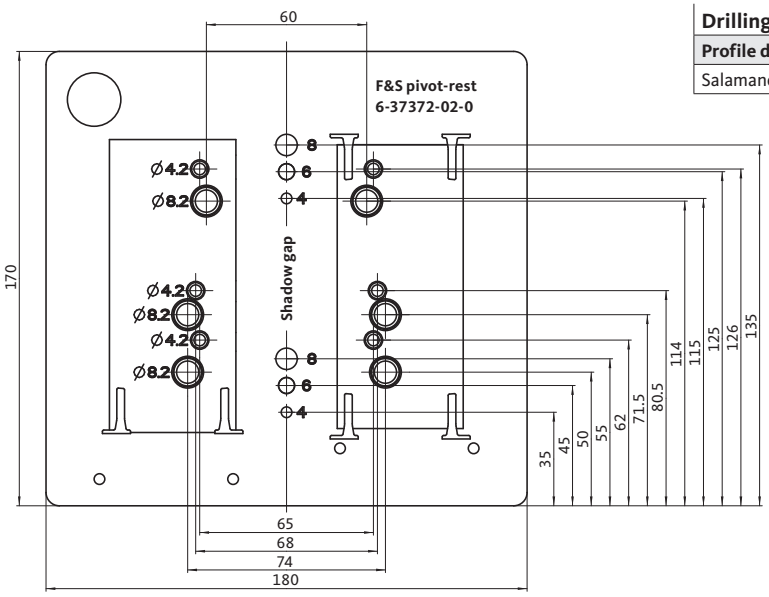


Drilling jig GU-923 for pivot-rest K-18870-01-0-0	
Profile designation	**Article number**
Aluplast Ideal 2000 Asia	K-18870-01-0-0
Aluplast Ideal 4000	
Deceuninck Zendow 5000 with dummy-mullion profile 3079	
Deceuninck Zendow 5000	
Gealan S 8000	
Gealan S 9000	
Inoutic Eforte	
LB Profile PCD AD	
Profine EuroFutur Classic	
Profine EuroFutur Elegance	
Profine 76 (Kömmerling, KBE, Trocal)	
Rehau ThermoDesign 60	
Rehau Geneo	
Rehau Synego	
Schüco Corona CT 70	
Veka Softline 70 AD	
Veko Softline 82 MD	

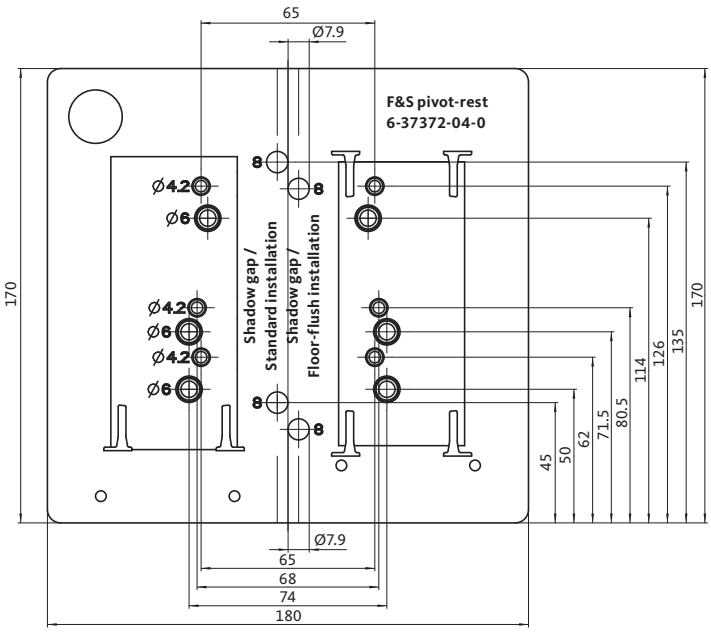


Drilling jig GU-923 for pivot-rest K-18870-02-0-0	
Profile designation	**Article number**
Aluplast Ideal 7000	K-18870-02-0-0

Drilling jigs and accessories GU-923

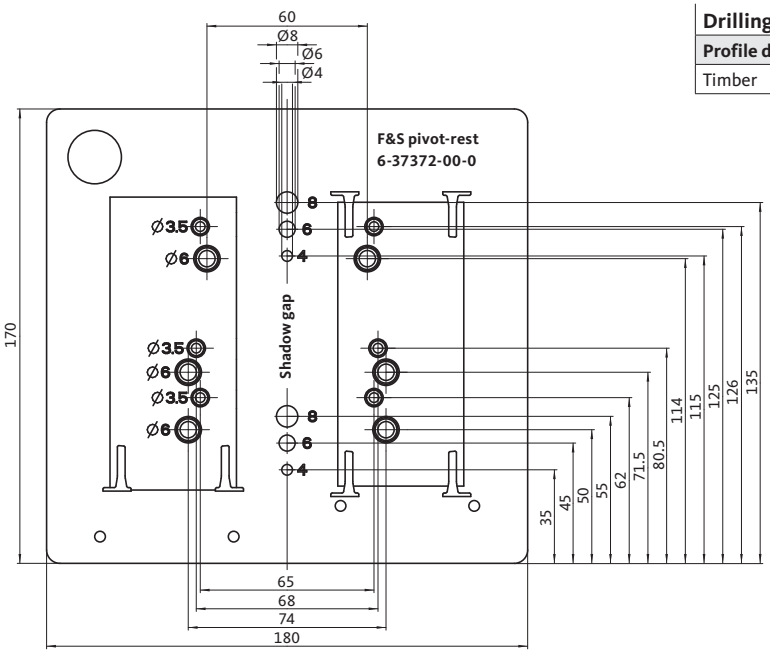


Drilling jig GU-923 for pivot-rest K-18870-03-0-0	
Profile designation	**Article number**
Salamander blueEvolution 82	K-18870-03-0-0



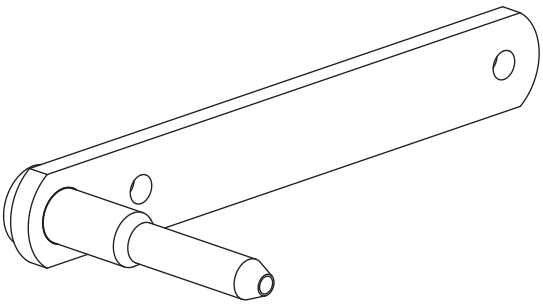
Drilling jig GU-923 for pivot-rest K-18870-04-0-0	
Profile designation	**Article number**
Profine KBE 70 AD	K-18870-04-0-0

Drilling jigs and accessories GU-923

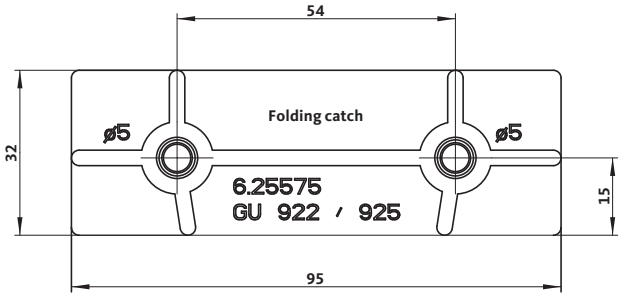


Drilling jig GU-923 for pivot-rest K-18870-00-0-0	
Profile designation	**Article number**
Timber	K-18870-00-0-0

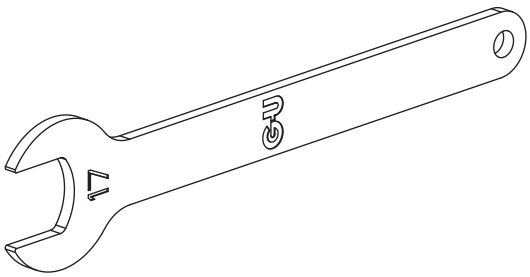
Drilling jigs and accessories GU-923



Drilling jig for roller track and guide track GU-923
Article number
6-37513-00-0-0

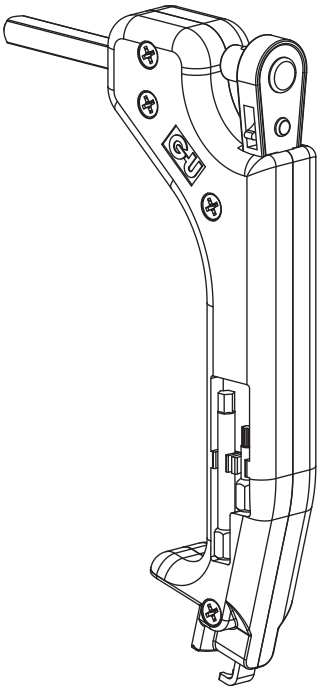


Drilling jig for folding catch GU 923
Article number
6-25575-00-0-0

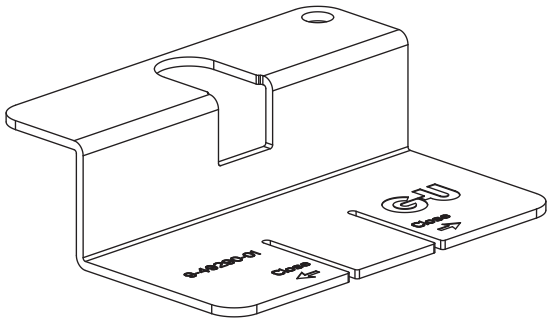


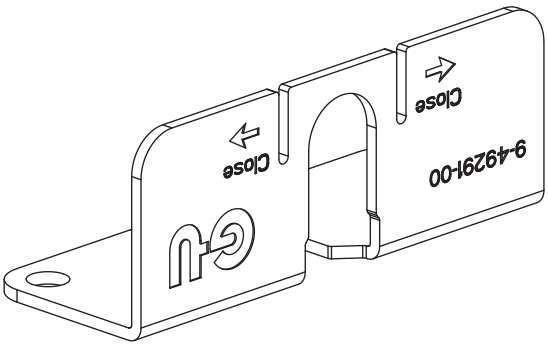
Open-end spanner size 17 for adjusting height of carriage
Article number
9-48667-00-0-1

Drilling jigs and accessories GU-923



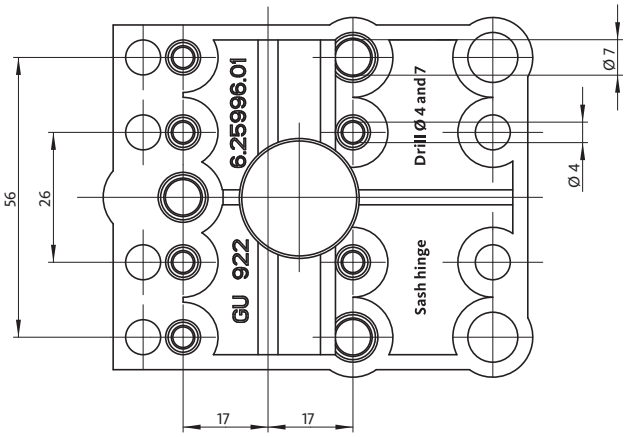
Adjusting tool for UNI-JET central locking system
Article number
6-37291-00-0-0



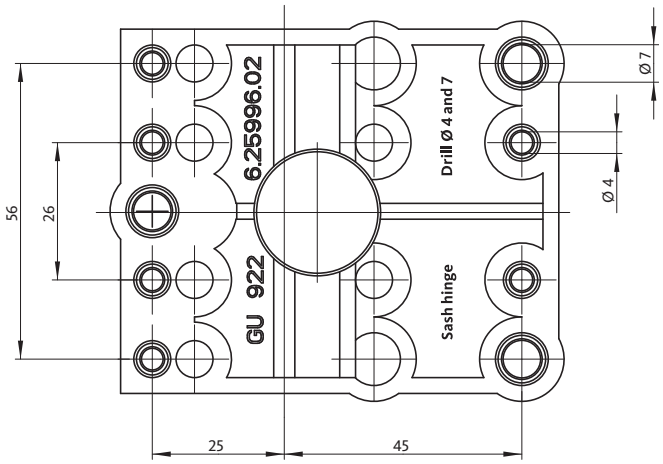


Striker installation aid GU-923	
Description	**Article number**
Lateral and horizontal at the top	9-49291-00-0-1
Bottom horizontal	9-49290-01-0-0

Drilling jigs and accessories GU-922

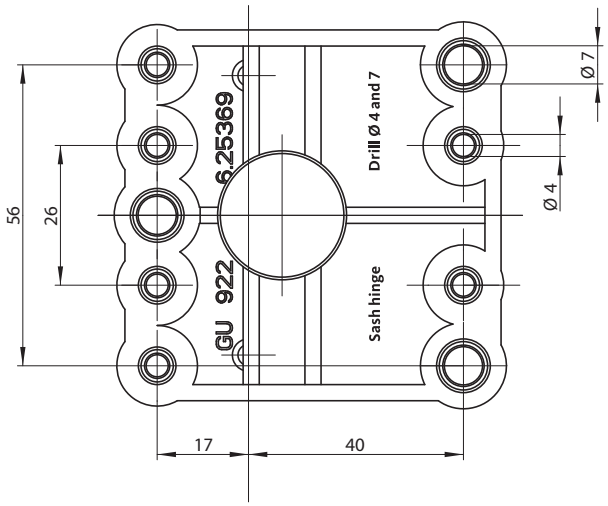


Drilling jig GU-922 for sash hinge K17-17--13813-00
Article number
6-25996-01-0-0

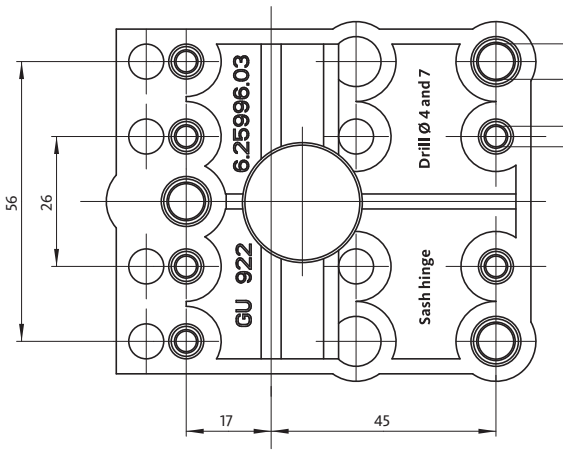


Drilling jig GU-922 for sash hinge 25/45 (K-13812-00)
Article number
6-25996-02-0-0

Drilling jigs and accessories GU-922

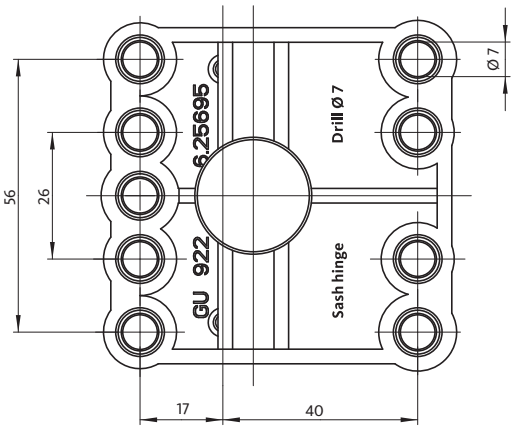


Drilling jig GU-922 for frame-side hinge / sash hinge 17/40	
Description	**Article number**
For frame-side hinge 17/40 (K-17198-01-0-1)	6-25369-00-0-9
For sash hinge 17/40 (K-13205-01 and K-13290-01)	

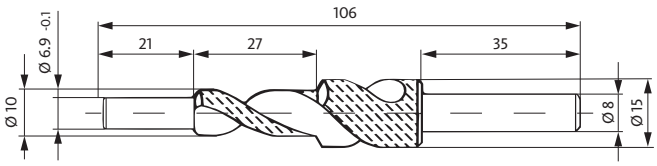


Drilling jig GU-922 for frame-side hinge / sash hinge 17/45	
Description	**Article number**
For frame-side hinge 17/45 (K-17198-03-0-1)	6-25996-03-0-0
For sash hinge 17/45 (K-13205-03)	

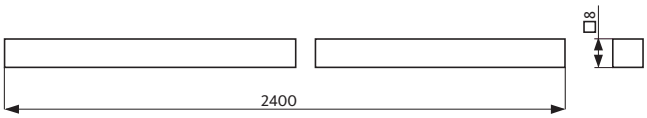
Drilling jigs and accessories GU-922



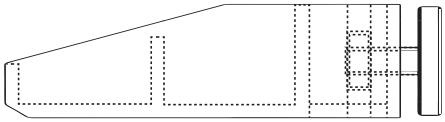
Drilling jig GU-922 for sash hinge Timber/Aluminium
Article number
6-25695-00-0-0



Stepped drill GU 922 Timber/Aluminium for spacer bolts
Article number
9-33672-00-0-0



Rod for drilling jig GU-922 (6-25369 / 6-25695) Ø 8 mm
Article number
9-32596-00-0-3



Stop for rod
Article number
6-25371-00-0-9

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