



SUPERIOR Window Solutions

PROFESSIONAL GERMAN
Management & Technology





The Q-Windows advantage

- ✓ Style modern design and superior functionality
- ✓ Security multi-point locking system with German hardware
- ✓ Comfort low maintenance and unmatched product lifetime
- ✓ Convenience up to 90% better noise insulation, watertight
- ✓ Economy save up to 70% on your energy bills
- ✓ Quality German standards and management





Our European-designed aluminum is renowned for incredible strength and lightweight construction, making it a highly versatile material.

With the market moving steadily away from traditional uPVC, aluminum provides an incomparable structural integrity, life expectancy, and stability whilst maintaining a minimalist, sleek, and stylish appearance.

Unlike the manufactured aluminum of years ago, the ability to achieve excellent thermal qualities when separated by a polyamide insulation strip undoubtedly makes it a material of the future.

Excellent U-values can now be achieved without compromises. With our 21 standard colors, over 200 RAL finishes and dual color options, aluminum can now be tailored like never before.



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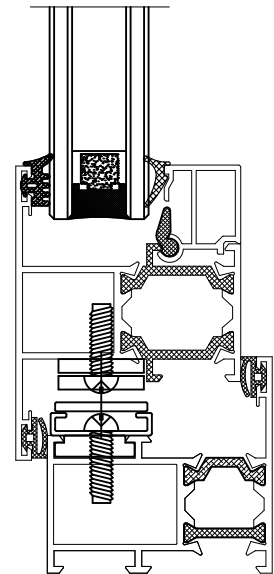
 Windows

BENEFITS

The inherent strength of modern aluminum means the frame is much more slim than PVC, letting the maximum amount of light into your home. Q-Windows residential aluminum windows are designed to significantly reduce outside noise by utilizing double or triple gaskets to the outer, middle and inner edges surrounding the perimeter of each panel. By using high quality Polyamide thermal break technology, they will keep your home cool, quiet and comfortable.

FEATURES

- » Available in aluminum and wood- aluminum
- » Inward or outward opening
- » Side hung, top hung, tilt & turn, fixed, louvers
- » German ROTO hardware
- » 50 mm strong frame
- » Designed to compliment our folding sliding and sliding doors
- » Manufactured to your bespoke sizes and specification
- » Energy efficient, U-values as low as 1.1
- » Extensive design options



GERMAN  Technology

WINDOW SERIES



SOUNDPROOF
(OUTWARD)



ENERGY SAVING
(OUTWARD)



TILT & TURN
(INWARD)



Lifting & Sliding

BENEFITS

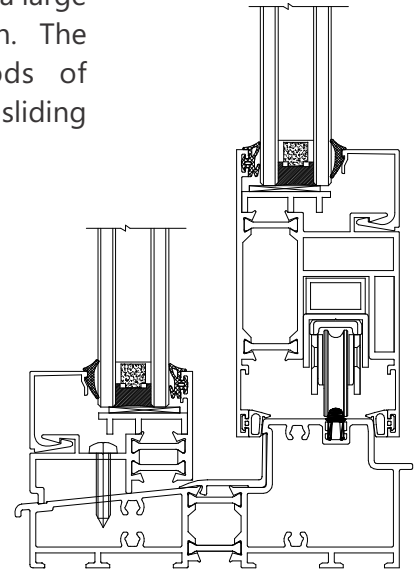
Our lifting & sliding doors are known for their ability to open up extra large rooms and spaces with effortless and feather light operation. The unparalleled quality of materials, mechanisms, and methods of manufacturing are means of achieving arguably the best performing sliding door systems available in the greater Asian markets.

FEATURES

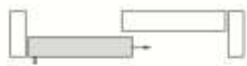
Turning the handle by 180 degrees will raise the door of it's track to reduce friction and to allow easy and smooth movement, even for very large and heavy elements.

Once the sliding door is in your desired position, simply return the handle and the sliding door will securely settle back in the track.

This ingenious system closes tightly and is thus sound and waterproof. Brilliant!



DOOR ARRANGEMENTS



scheme A



scheme C



scheme G



scheme K





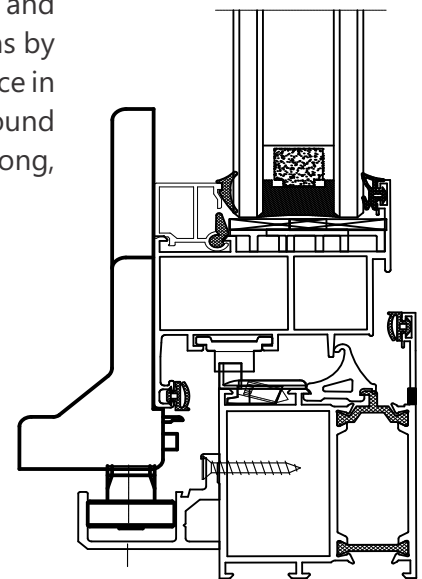
Sliding & Folding

BENEFITS

Our folding doors create an open, flexible, modern space for both living and working environments. They were designed to the highest specifications by incorporating both German expertise with our own unmatched experience in bifold construction.. We believe that this system is one of the best all around bi-folding door systems available on the global market. They are strong, secure and thermally efficient.

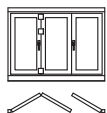
FEATURES

- » German Made SIEGENIA hardware
- » 1.6 mm high grade aluminum profiles
- » Overlapping sashes for improved water tightness
- » EPDM rubber gaskets (no brush seals)
- » Sash weight up to 80 kg
- » Needle bearing rollers for easy operations
- » Sash fits glazing up to 32 mm thickness

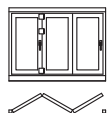


DOOR ARRANGEMENTS

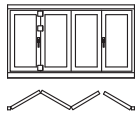
scheme 321



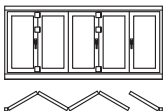
scheme 330



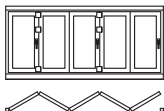
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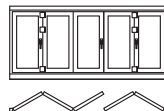
scheme 541



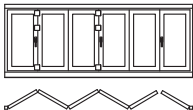
scheme 550



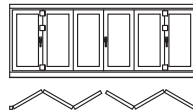
scheme 532



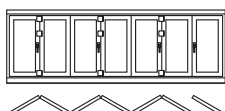
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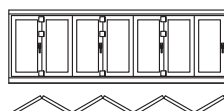
scheme 633



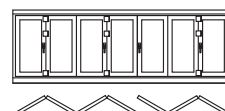
scheme 761



scheme 770



scheme 743





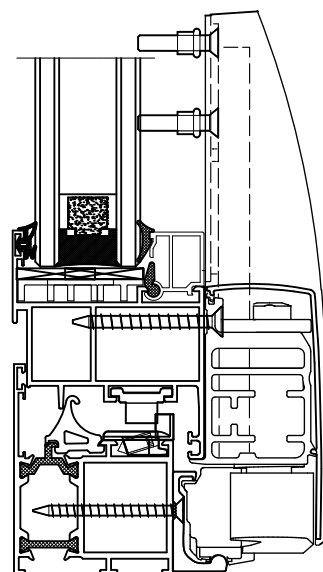
 Parallel Sliding

BENEFITS

The main benefit provided by this system is that, in a closed position, there is no visible track threshold - a glaring flaw of normal twin-track sliding doors. The movable panel projects itself parallel out of the track and slides smoothly behind the fixed panel. Our parallel sliding design innovations represent the only sound- and waterproofed sliding (window) system available in the world.

FEATURES

- » German made hardware
- » 1.6 mm high grade aluminum profiles
- » Triple gaskets to the outer, middle and inner edges surrounding the perimeter of each panel
- » achieves DIN 18055, Category C performance for wind loading and water leakage.
- » Highly soundproofed
- » Sash weight up to 160 kg
- » Sash fits glazing up to 32 mm thickness



DOOR ARRANGEMENTS



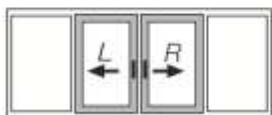
scheme A



scheme G



scheme K



scheme C



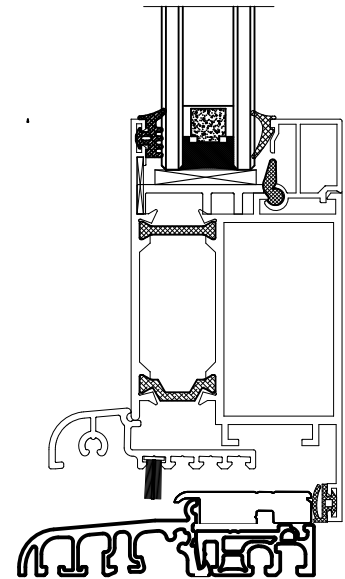


BENEFITS

Q-Doors use the natural strength of modern aluminum to provide maximum glass and light. They are strong and secure with a full range of quality hardware and high-security multipoint hook locking. These doors are highly versatile and can be adapted to a wide range of applications, including residential housing, office entrance doors, and much more.

FEATURES

- » German Made hardware
- » Single or double doors, which can open in or out.
- » 2 mm high grade aluminum profiles
- » Transoms, mullions and insulated panels are also available to help create individual yet still practical designs
- » Highly thermally insulated
- » Sash weight up to 120 kg
- » Different hardware options include high security multipoint locking
- » Excellent closing performance



DOOR DESIGNS





Options & Features

GLAZING PROPERTIES

Glazing type	Thickness (mm)	Glazing structure (mm)	Maximum sound reduction glass** (dB)	Weight (kg/m ²)
 Laminated	6.38	3- 0.38 PVB- 3	32	14.94
	10.76	5- 0.76 PVB- 5	35	24.9
	21.52	10- 1.52 PVB- 10	40	49.9
 Triple laminated	10.76	3- 0.38 PVB- 4- 0.38 PVB -3	36	15.24
 Insulated	22	8- 12 Air -8	38	26.4
 Insulated laminated	21.76	4- 0.38 PVB- 4- 6 Air -4 0.38 PVB -3 *Polyvinyl butyral (PVB)	40	39.1

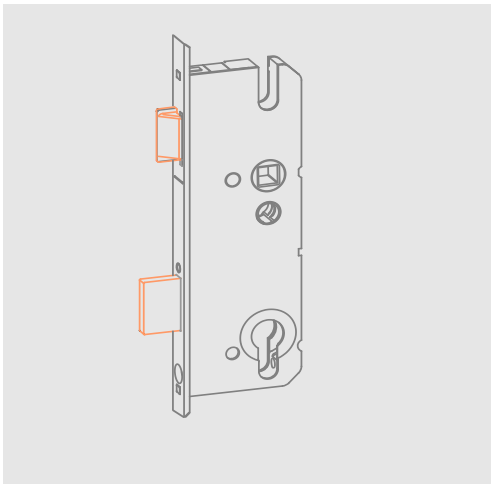
** The sound reduction value of a window designed in accordance to European Standards is 3 dB lower than the incorporated glass.

TEMPERED GLASS BENEFITS

Tempered glass is a type of safety glass that is 4-5 times stronger than regular glass. Because of how it's made (through a process of extreme heating and rapid cooling) it is a much harder and more brittle type of glass. When tempered glass breaks, it shatters into little pebbles without any dangerous razor-sharp edges.

HARDWARE SECURITY OPTIONS FOR DOORS

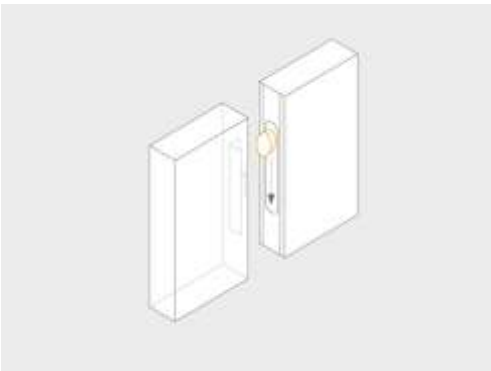
Q-Windows security doors provide effective security thanks to time-tested technology. According to the security level, different keeps will be used. In the latch area, the contact pressure can be adjusted by means of an insert so that the door is always maintains optimum position within the frame. This ensures that the door always shuts tightly and securely.



Security Level One

There are many doors that are supposed to close securely but do not require the security of multi point locking. We offer mortise locks suitable for both commercial and residential needs.

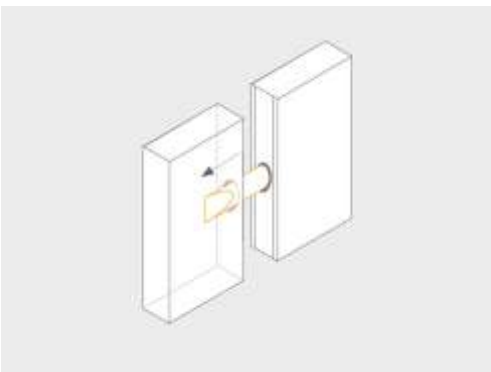
They are characterized by high saw-through resistance due to the use of two hardened and loosely mounted steel pins in the latch, as well as the closed construction of the lock chamber, which is solidly bolted to the face plate.



Security Level Two

With four additional closing points, this model offers exceptional soundproof performance and added security against attempted break-ins when compared with conventional mortise locks.

Depending on the lock type, the closing takes place either via the profile cylinder, via the door handle, or a combination of both.

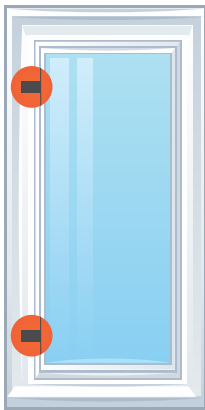


Security Level Three

Two round bolts ensure additional security and allow the door to be tightened powerfully, preventing it from being pried open. The bolts, made of hard forged steel, have a diameter of 10 mm and a taper of 4 mm on both sides. This means that when the bolt is inserted, the door is drawn seamlessly into the frame.

FOR WINDOWS

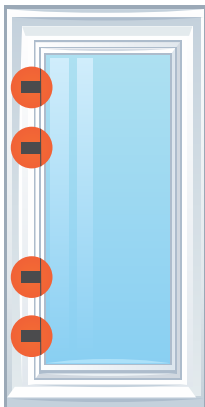
Q-Windows are designed to be masterpieces in security window technology . Our innovative technical refinements will stop any burglary attempt and protect you from unwelcome visitors. The fitting groove, for example, is positioned on the internal side (unlike standard market options, which are accessible from the outside) of the sash, which makes it essentially impossible to force the window open.



Security Level One

Ideal for private homes, condominium units and small windows.

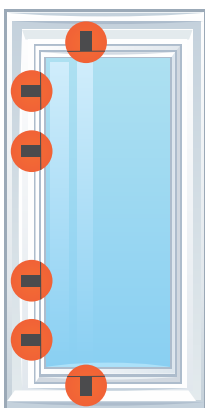
- » All of the frame security features described above
- » Bi-directional lock case
- » Minimum two adjustable locking bolts
- » Window handle with 7 mm spindle
- » Keyed Window handle on request



Security Level Two

Ideal for private homes with high security demands especially for single and linked houses.

- » All of the frame security features described above
- » four adjustable locking bolts



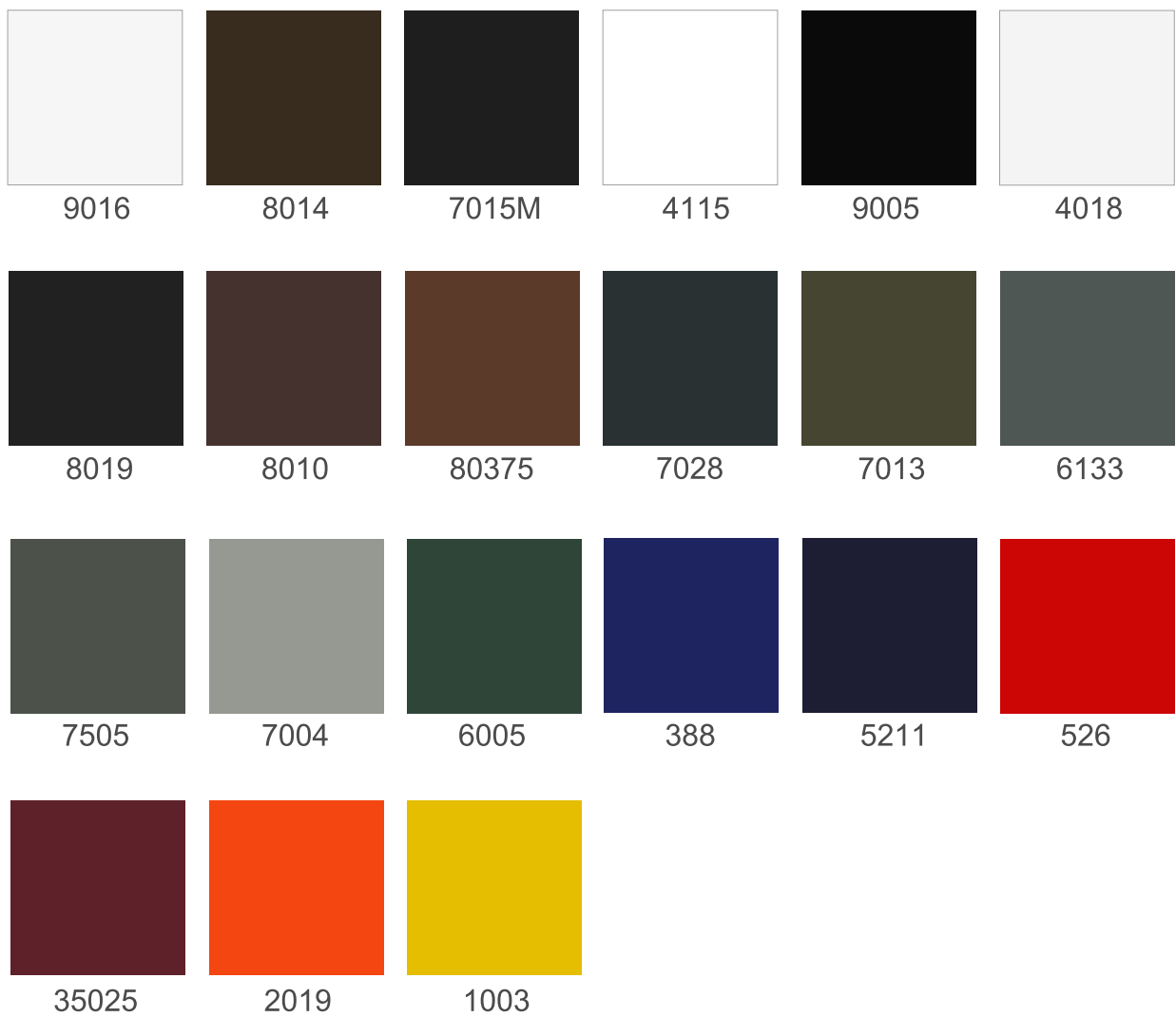
Security Level Three

Ideal for people living in exposed locations.
Recommend for bungalows, computer labs...

- » All of the frame security features described above
- » Minimum six adjustable locking bolts connected by hidden corner drives

PROFILE COLORS

In order to do justice to the comprehensive design and high-quality products surrounding Q-Windows aluminum windows, we pay as much attention to the aesthetics and color coatings as we do to functional security and structural strength. We exclusively use powder coatings provided by leading suppliers for the manufacture of our windows. We have a selection of over 21 vibrant colors permanently available.



WOOD - ALUMINUM SOLUTIONS

Timber-aluminum combination windows are the pinnacle of modern window technology. These materials are married to achieve a resistant, weatherproof surface on the outside and keep the classy, high-end look of timber on the inside. This reduces the necessity of maintenance and care compared with timber-only windows.

An aluminum profile is mounted onto the exterior surface of the window frame and sash, which provides excellent structural capabilities. The timber is protected from weather and UV-impact and will stay permanently in shape, without having to re-paint and nourish the surface. Timber-aluminium windows are available in a range of different timbers and colors. The windows can be built in large sizes and any possible combination of shapes and options.

FEATURES

- » The high-end project window
- » Natural beauty, cozy living
- » Outstanding soundproof values
- » High-security locking around the sash
- » Complete freedom of color
- » Best solution for impressive facade designs



QUALITY INSIDE

Q-Window's commitment to customer focus, backed up by knowledge transfer from Europe, permanent development, and international sourcing enable us to provide you with optimal solutions to make your unique vision a reality, with the ultimate goal of linking security, soundproofing and energy saving with each other. Our commitment to the complete aesthetics and subtle value of construction sets Q-Windows a space above any other market options.



SIGENIA- AUBI Folding System



HAUTAU Lifting & Sliding System



ROTO FRANK Casment Hardware

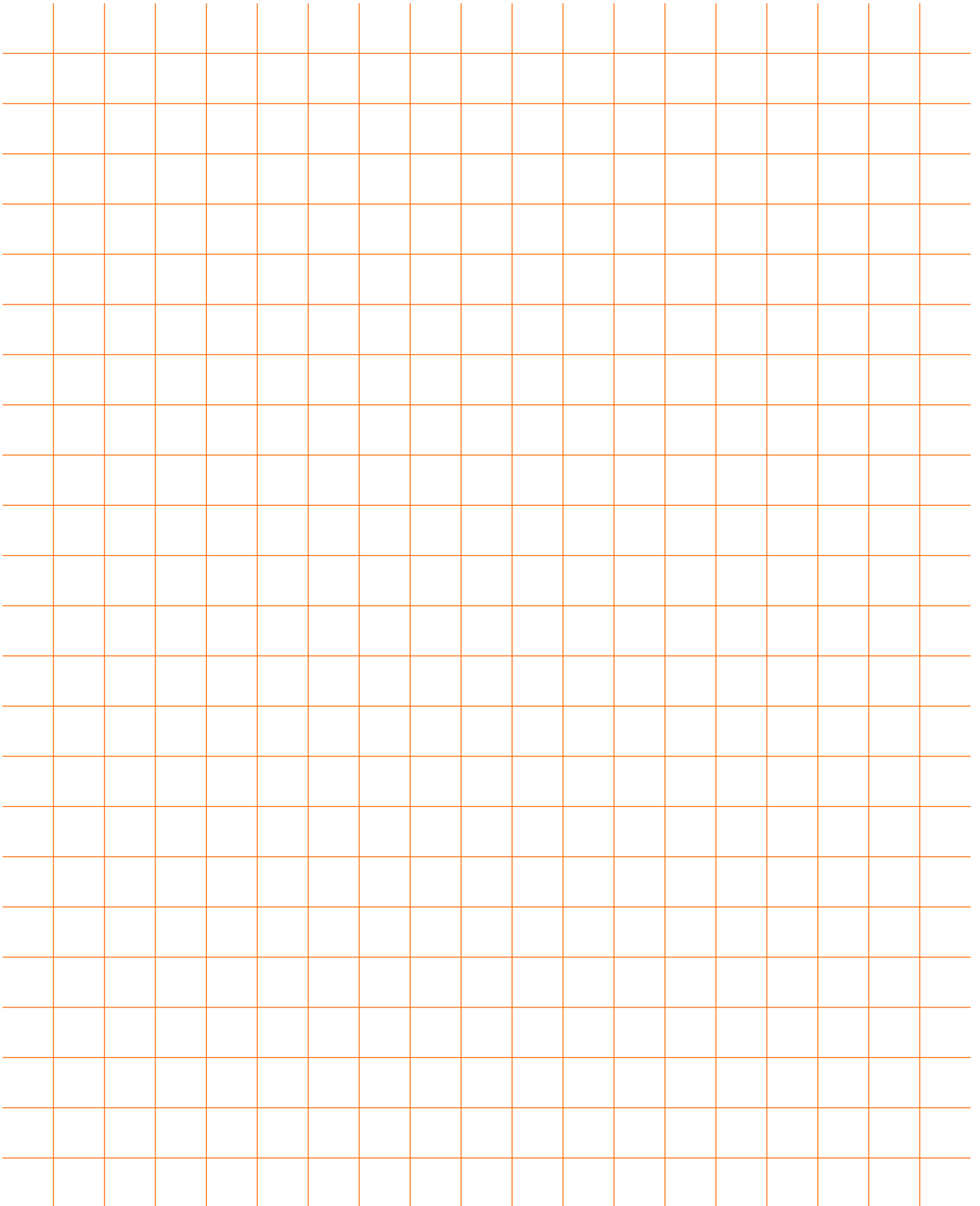


ROTO FRANK Tilt & Turn Hardware



WINKHAUS Door Locking







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