

Venture Tri-Hinge

3-in-1 Friction hinge

Suitable for PVCu, Aluminium & Timber

The Venture Tri-Hinge is a versatile 3-in-1 friction hinge combining restricted opening, full egress and easy-clean functionality in one product.

Part of Titon's Venture range, it combines three key window-opening functions in a single friction hinge:

- Restricted opening
- Full egress
- Easy-clean operation.

Designed to give fabricators, installers and specifiers greater flexibility, it provides a practical solution where safety, emergency escape and window cleaning requirements need to be accommodated without changing the fundamental hinge solution.

Titon's Tri-Hinge can also help reduce the number of separate hinge variants required for fabrication and stockholding.

The Venture Tri-Hinge is available in a range of configurations to suit different window sizes, handing and stack height requirements.



Features & Benefits

- **3-in-1 functionality** - combines restricted opening, full egress and easy-clean operation in one hinge.
- **One hinge, multiple requirements** - simplifies specification and reduces the need for separate hinge solutions.
- **Controlled ventilation and safety** - restricted opening helps limit the window opening where required.
- **Full egress capability** - allows the sash to open fully when emergency escape access is required.
- **Easy-clean functionality** - enables the sash to move into a suitable position for easier cleaning and maintenance.
- **Simplified stockholding** - one versatile product can cover multiple application requirements.
- **Flexible specification** - suitable for projects where different window functions need to be accommodated within the same hardware range.
- **Part of the Venture range** - provides a consistent hardware solution alongside other Venture friction hinge options.
- **Designed for practical installation** - engineered with the needs of fabricators and installers in mind.
- **Suitable for a wide range of applications** - ideal for residential, commercial and refurbishment projects where opening control and functionality are important.

Data sheets for each hinge size are available on request

Details

Venture Tri-Hinge

Lo-Stack	Hi-Stack	Hinge Size (")	Hinge Size (mm)	Max Sash Weight (kg)	Max Sash Width (mm)	Max Sash Height (mm)	Initial Hinge Projection (mm)	Easy Clean Projection (mm)	Opening Angle (+/-2.5°)
Left Handing									
TN5136	TN5140	12	321	18	600	1400	42	121	80
TN5138	TN5142	16	443	21	650	1600	48	240	85
Right Handing									
TN5137	TN5141	12	321	18	600	1400	42	121	80
TN5139	TN5143	16	443	21	650	1600	48	240	85

Why choose Titon?

A trusted UK hardware supplier

Titon brings decades of experience in the design, manufacture and supply of window and door hardware. The Venture Tri-Hinge combines practical engineering, rigorous testing, reliable quality and dependable supply from an established hardware specialist.

One supplier. More solutions

From friction hinges and window hardware to cylinders, handles and ventilation products, Titon offers a broad portfolio of solutions for the window and door industry. This makes it easier to consolidate sourcing and specify compatible products from one established supplier.

Designed around real-world requirements

Titon develops products with the practical needs of fabricators, installers, specifiers and end users in mind. The Venture Tri-Hinge brings three useful functions together to help simplify product selection without compromising functionality.

Quality you can specify with confidence

Titon products are developed with a strong focus on performance, durability and compliance, supported by in-house product development and testing capabilities.

Manufactured from

Ferritic stainless steel

Performance

Test results available by request

More information

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