

activPilot Topstar

Fully concealed tilt turn system

A true flush tilt turn with multiple lock points

Functional Fenestration Inc (FFI) multipoint concealed tilt turn window hardware for a flush window solution. Designed for architectural openings requiring natural ventilation, secure sash alignment, and weather-resistance.

*The **Winkhaus activPilot Topstar** is for tilt and turn (in-swing) wooden window designs with high aesthetic demands.*

Applications

- Fully concealed tilt turn fittings for design windows.
- Concealed hinge windows have a clean appearance, and are suitable for North American style preferences as well as historic building renovations.
- For wooden rectangular, in-swing tilt turn windows.
- For use with 13mm center groove and 24mm (or greater) frame rebate depth.
- Suitable for narrow frames and sash weights up to 286 lbs (130kg).
- Can be used with roll-down screens.
- Casement function opens up to 95°.

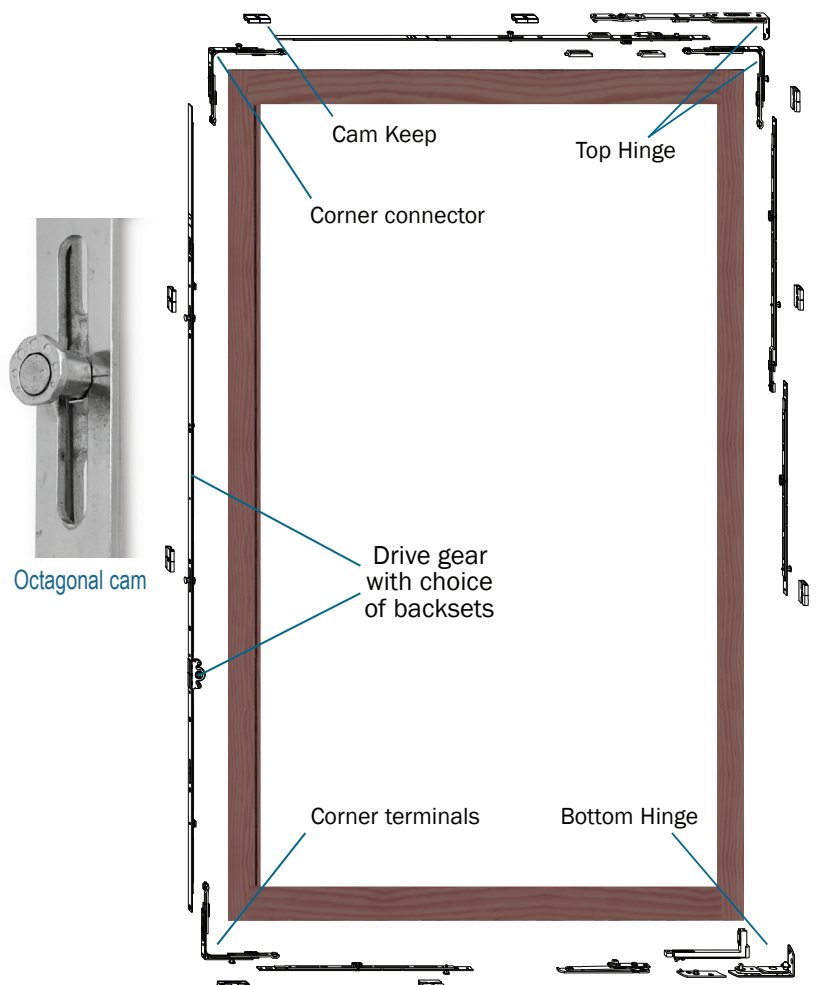
Features

- Tilts in as a hopper window; turns in as a casement window.
- Turn before tilt (tilts when handle is turned up), or tilt before turn (tilts when handle is turned sideways).
- Locking cams are adjustable, with octagonal bolt unique to Winkhaus.
- Fixed handle height is standard; variable handle height is available.
- Lock spindle hub for DK window handles (with 7mm square spindle).
- Anti-mishandling device available for larger windows.
- Standard or security strike keeps.
- Steel material with Silver finish tested for corrosion resistance to Grade 4 EN 1670 standard.

Benefits

- One handle operation to swing and lock windows.
- High strength, security and warp prevention from multiple cam lock points.
- Operable windows that satisfy green building goals for natural ventilation and daylight.
- 10 year Winkhaus warranty against manufacturing defects.

**FUNCTIONAL
FENESTRATION INC.**



For more options and details, see FFI's Winkhaus activPilot Topstar catalog.
Contact FFI at 800-677-0228 or sales@fenestration.net

Topstar - Opening angle 95°

See catalog for additional information



90° Turn limiter

Required for 90° openings, the turn limiter must be used if:

- Reveal depth of surrounding masonry < 120mm
- Sash width > 1250mm

The turn limiter will also provide additional damage protection.

Tilt limiter

Reduces tilt opening by 50mm. Available for various rebate heights.

Anti-Slam Device

Prevents tilted windows from slamming due to high winds.

Profile Design - Timber Windows

The fitting is suitable for timber windows with a standard fitting groove and designed for an airgap of 12mm and an overlap of 18 to 20mm. The activPilot Topstar fitting must be used with a eurogroove position of 13mm. Please observe a minimum rebate depth of 24mm. We recommend the activPilot Elegance system for smaller (non-flush) rebate depths.

The Topstar system can also be used for standard overlap sash designs requiring higher weight handling.

