



Quality Architectural Hardware  
for Doors, Windows & Skylights

## FFI Multipoint Locks for Windows and Tilt Turn

*one handle activates multiple lock points*

Functional Fenestration Inc (FFI) has European Multipoint Window Locks and Tilt Turn systems that are well-suited to meet architectural demands for large openings, and designed to help meet performance requirements for secure alignment, warp-prevention and hurricane testing.



tilt turn windows  
by Cascade Woodwork  
[www.cascadewoodwork.com](http://www.cascadewoodwork.com)

- **applications** – for wood, PVC, wood/aluminum or composite sashes
- **multipoints help prevent warping** – even for very tall sashes
- **shootbolts** – are included; optional non-shootbolt terminals are available
- **adjustable locking cams** – and non-cam options are available
- **mushroom cams** – optional upgrade for extra strength in testing
- **variable handle height** – cut the lock bottom and/or add extensions
- **cold-forged steel** – for extra strength, only from AGB
- **silver finish** – tested to 1,000 hours corrosion-resistance
- **standard milling groove** – 16mm Eurogroove is same for many brands

### Window multipoint locks – (see FFI catalog pages G-1 to G-8)

- for casement windows, awning windows or sidelites; inswing or outswing sashes.
- allows creation of tall windows up to 7'10".
- flexible positioning of lock points - on top, bottom or side of sash.
- optional corner drives and terminals are alternatives to top and bottom shootbolts.
- extensions in three heights allow very flexible sizing.
- reversing bottom gear is a unique feature of AGB window multipoints.
- backsets: 15 mm (G-3), 25 mm (G-4), and 40 mm (G-5).
- a sample kit is available for making production or showroom samples (G-2).



casement  
windows

### Tilt turn window multipoints – (see FFI catalog pages G-9 to G-14)

- one handle operation: tilts in as a hopper window; turns in as a casement window.
- engineered for large double- and triple-glazed window, up to 300 lbs.
- enhanced security from multipoint locking on all 4 sides.
- airtight and weather-sealed with continuous weatherstripping.
- backsets: 15 mm, 25 mm, and 40 mm (see G-11).
- supports green building goals for natural light and ventilation.
- tilt turn is recommended for window manufacturers; due to the learning curve needed, tilt turn is best approached as an ongoing program; ask FFI about tooling and education referrals.



tilt turn

### Accessories for multipoint

FFI Design has many products contract-manufactured exclusively for FFI.

Many accessories are compatible with AGB, G-U, Hoppe, Winkhaus and other door and window multipoints.

- **window handles** with 7 mm square spindle and DK 3-click movement (G-17 to G-19)
- **thimble strikes** for shootbolts, in brass or silver, many sizes (E-12)



### Want Prices? Manufacturers: ask for the FFI Calculator

For window multipoint or tilt turn: it's an Excel program that creates parts lists and quotes. FFI also has door and window quote information forms, and/or can help you by phone.

Contact FFI Customer Service for more information: 800-677-0228 or [service@fenestration.net](mailto:service@fenestration.net)



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## FFI Multipoint Locks for Doors

*one handle activates multiple lock points*

Functional Fenestration Inc (FFI) has European Multipoint Door Locks that are well-suited to meet architectural demands for large openings, and designed to help meet performance requirements for secure alignment, warp-prevention and hurricane testing.



door with multipoint  
by Cascade Woodwork  
[www.cascadewoodwork.com](http://www.cascadewoodwork.com)

- **applications** – for wood, PVC, wood/aluminum or composite sashes
- **multipoints help prevent warping** – even for very tall sashes
- **shootbolts** – are included; optional non-shootbolt terminals are available
- **adjustable locking cams** – and non-cam options are available
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- **variable handle height** – cut the lock bottom and/or add extensions
- **cold-forged steel** – for extra strength, only from AGB
- **silver finish** – tested to 1,000 hours corrosion-resistance
- **standard milling groove** – 16mm Eurogroove is same for many brands

### Door multipoints – (see FFI catalog pages E-1 to E-12)

- for standard door heights (80", 96") and up to 12 foot tall doors.
- up to seven locking points; many configurations possible.
- AGB door multipoints are available in many backsets, from 25 mm to 55 mm.
- non-handed latch is easily reversible.
- Unitop multipoints are popular for patio door pairs.
- Poseidon hook multipoints are for sliding or single swing doors.



Unitop  
door lock



Poseidon  
door lock

### Accessories for multipoint

FFI Design has many products contract-manufactured exclusively for FFI. Many accessories are compatible with AGB, G-U, Hoppe, Winkhaus and other door and window multipoints.

- **door handles** with 8 mm square spindle and 92 mm center (J-DOR-1).
- **flush latch strikes** for American doors in satin nickel and oil-rubbed bronze (E-14).
- **thimble strikes** for shootbolts, in brass or silver, many sizes (E-12).
- **cylinders:** re-keyable, tang cylinders, satin nickel, ORB  
... thousands in-stock (E-18 to E-22).



strikes



cylinders



### Multipoint recommendations and tips

- Change handle height by cutting lock bottom and/or adding extensions.
- Locking cams can be removed simply by cutting them off, if cams are not wanted.
- The 16mm x 12mm hardware groove is the standard "Eurogroove"; in fact, locks, accessories and handles from many European multipoint brands are inter-compatible.

Contact FFI Customer Service for more information: 800-677-0228 or [service@fenestration.net](mailto:service@fenestration.net)