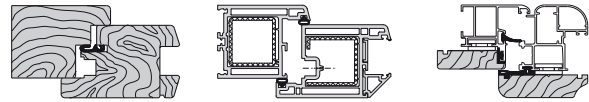
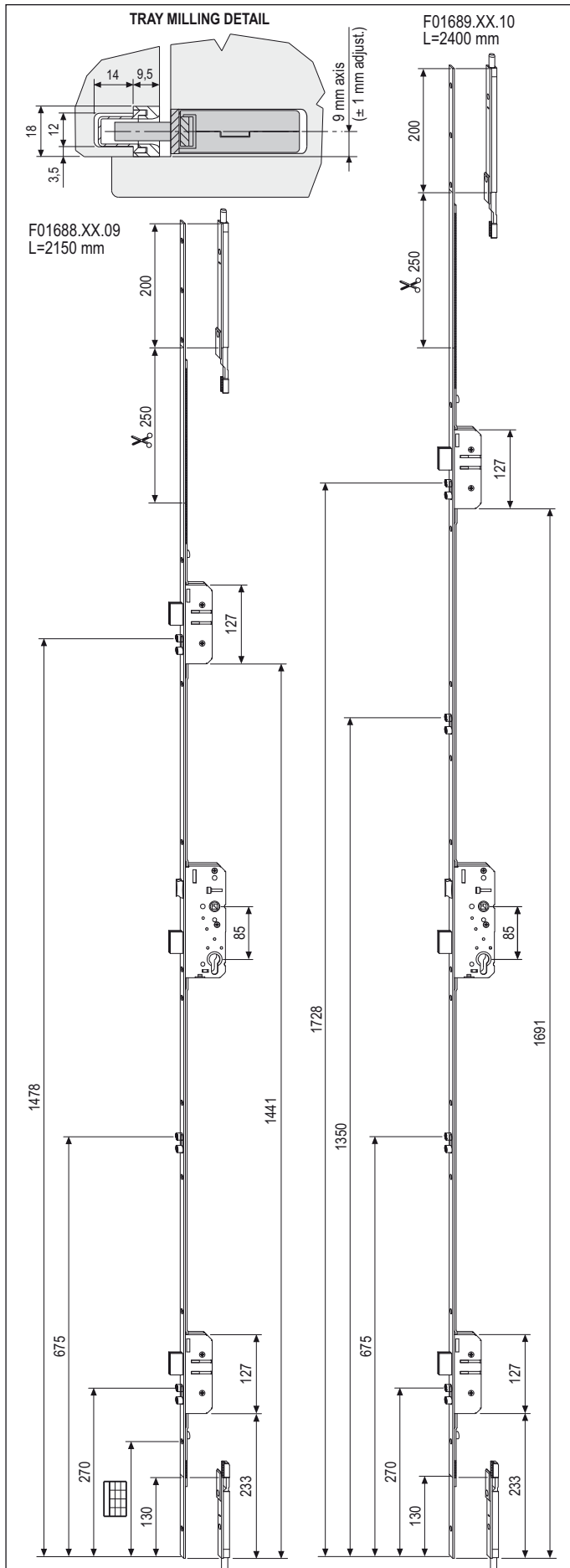


# Mod. 1688 - 85 mm centre with bolts+roller cams and terminals



**Application**  
For single or double-sash rebated exterior doors.

- Locking points**
- 2 combined devices featuring bolt + roller-head roller cam. The roller cam moves first, aligning the sash before the bolt slides out.
  - Intermediate locking points with 1 roller-head roller cam (up to 2150 mm) or 2 roller-head roller cams (for bigger sizes)
  - Spring latch
  - Central bolt
  - A terminal with push rod can be connected to the bottom end, while an extension and/or reversing element with push rod can be connected to the upper end.

**Operation**  
Locks and unlocks with two complete turns of the key. A gear drive mechanism made of pressed steel drives the bolts, roller cams and push rods. The spring latch can be retracted either with the handle or the key: a fixed knob can therefore be mounted on outside of door.

- Technical characteristics**
- Reversible steel spring latch, bevelled and rounded on both sides to reduce friction.
  - Bolts made of pressed steel plates
  - Locking cams with revolving brass jacket
  - European profile cylinder hole
  - Holes for fitting handleplate, escutcheon and pull using through screws
  - Cylinder fastening screw supplied with kit
  - *The lock is available also in the version with roller-type spring latch (to be ordered with version code 210: W0XXXX.XX.XX.210)*

- Measurements**
- Centre: 85 mm
  - Backsets: 35 to 70 mm
  - Forend width: 16 and 20 mm
  - Forend height: 2150 and 2400 mm, can be increased with extensions
  - Handle height: 1050 mm
  - Trim without terminals: upper 450 mm, lower 130 mm
  - Trim with terminals: upper only, 250 mm
  - Total roller cam stroke: 20 mm downstroke to lock
  - Eccentric roller cam adjustment: ± 1 mm
  - ± 4 mm vertical adjustment
  - Brass hub: 8 mm

**NB.** The specified application fields include the upper and lower terminals.

**Screw hole position**

GR	A-B ref.													
	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°
9	45	185	395	611	731	900	1151	1406	1605	1960	2040	2120		
10	45	185	395	611	731	900	1151	1286	1406	1656	1865	2210	2290	2370

**Order Specifications**

Article			Forend	↑	↓	🔑	🔑
COD	E	GR					
W01688	XX	09	16	1900-2150	2150	2	1
W01689	XX	10	16	2150-2400	2400	2	2
F02088	XX	09	20	1900-2150	2150	2	1
F02089	XX	10	20	2150-2400	2400	2	2

**Backsets (XX) = 35-40-45-50-55-60-70**

Central locking point with roller-type spring latch (available for all backsets)  
W0168X.XX.XX.210 210 product variation