



CRANKED TURN-AND-TILT HARDWARE GEZE F 1200
EASE OF USE FOR LARGE AND HEAVY WINDOWS

Cranked turn-and-tilt hardware GEZE F 1200



**Bottom hung casement
inward opening**



**Side hung casement
inward opening**

Easy operation for large scale casements and heavy windows

As a leading manufacturer for decades with the F 1200 GEZE offers cranked turn-and-tilt hardware for large scale and heavy windows. The F 1200 meets specific requirements for robustness and stability as well as it achieves the needs of upscale comfort – including, for example thermal isolation and protection against driving rain, burglar resistance and, of course operation suitable for handicapped people. The F 1200 is used in many places – for instance in administration, security-relevant buildings and commercial properties, hospitals, schools and universities as well as in homes for handicapped people and in comfortable residential buildings.



Europa Center, Berlin, Germany

PRODUCT FEATURES

- Continuous adjustable ventilation – from a small gap to full tilt opening
- High loading capacity
- Secure operation through cranking mechanism with control indicator, independent of casement weight
Additional mal-operation block and overload slip coupling
- Secure locking: any number of locking studs can be inserted on all four sides,
all adjustable for closing pressure
- All fitting components are mounted on the inside of the frame, leaving room for the insulation zone
- Modern assembly technology

Extensive clampable fitting components – thereby comparable to solo tilt-and-turn fittings

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GEZE F 1200

All visible parts such as hinges, bearings and gearing cover are made of aluminium. All other parts stainless or rust-proof. Surface: silver

- All fitting components – except the drive and bearings – are installed with push fit
- The fittings require a special framing profile, which is adaptable to the existing cover frames of various profile types.

EXAMPLES OF TYPES OF APPLICATION



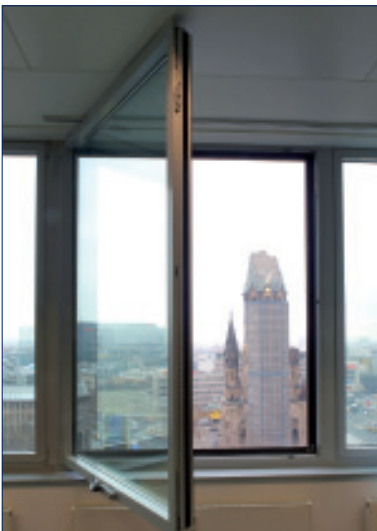
Range of application for aluminium windows

Casement width	min. 750 mm max. 2000 mm
Casement height	min. 750 mm max. 2500 mm depending of casement weight (glass thickness)
Casement weight	up to 200 kg
Tilt-opening width	max. 180 mm

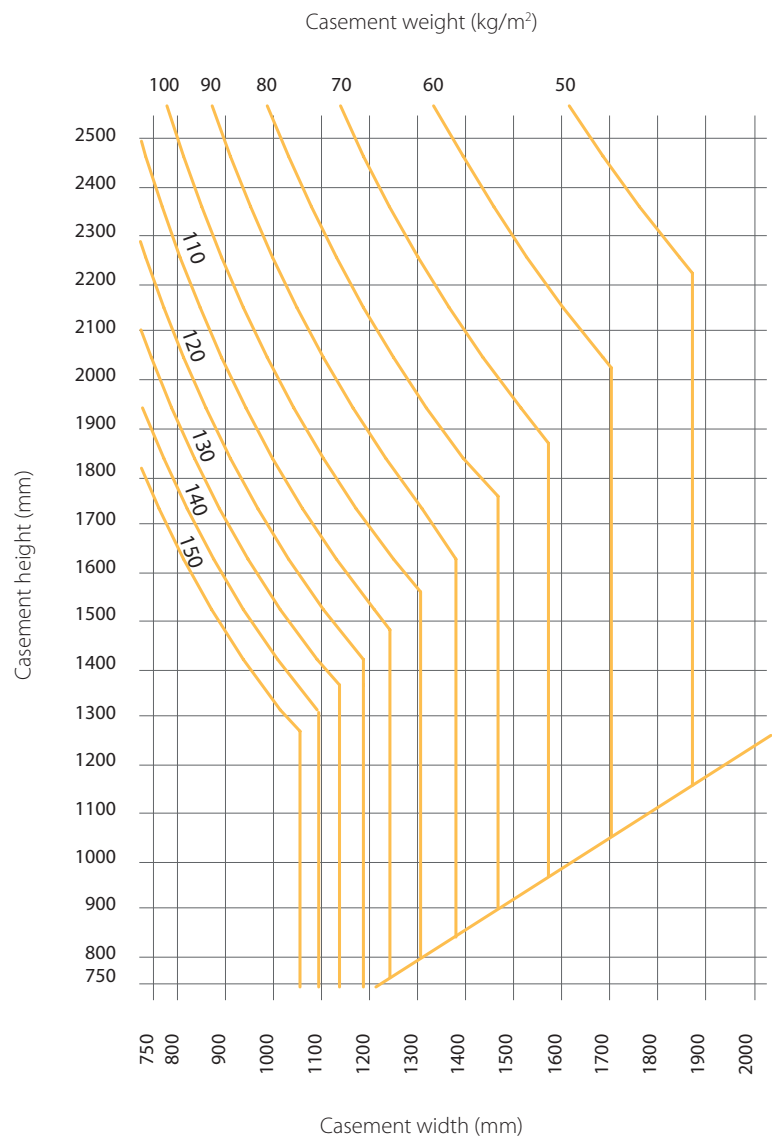
Casement in tipping over position



Casement in trick position



Application diagram



CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

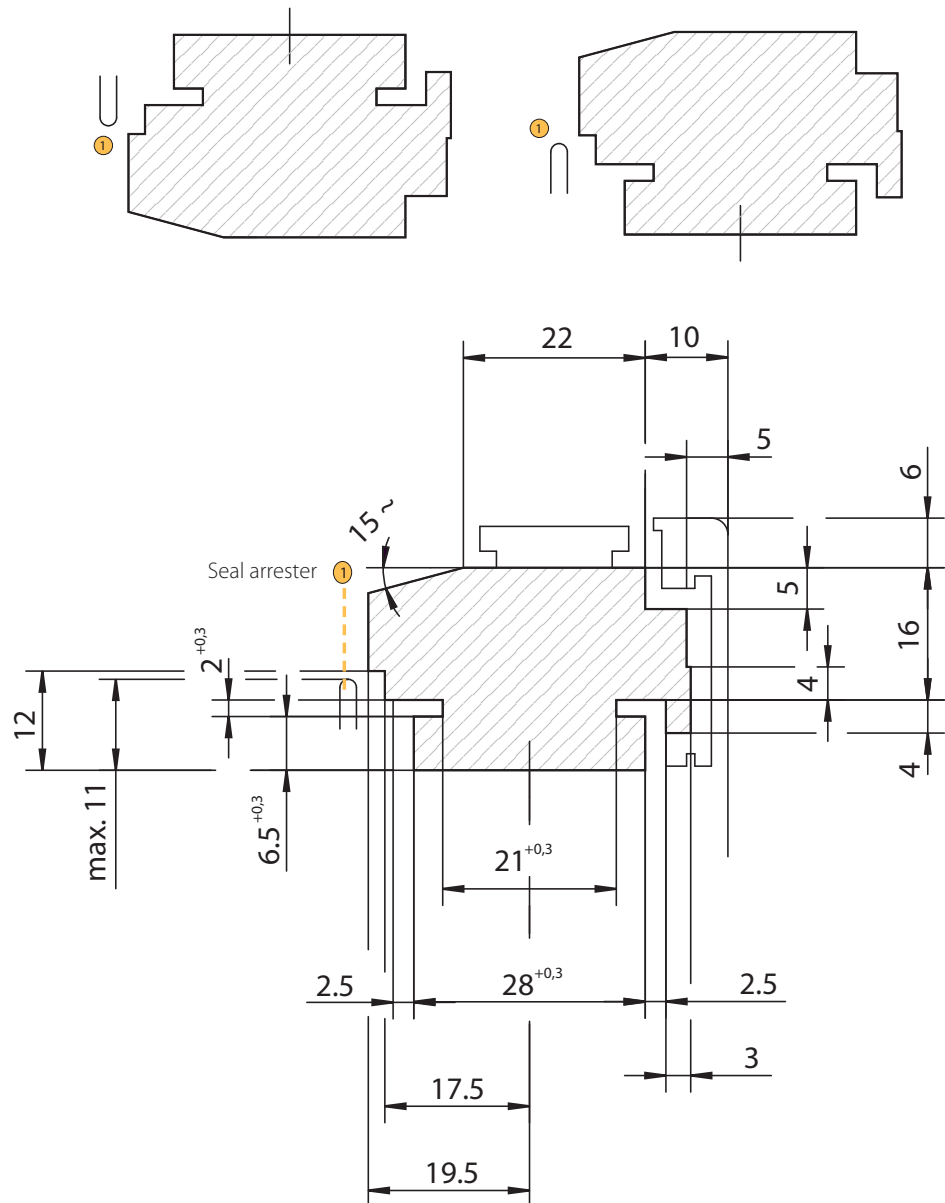
TECHNICAL DATA

- Operation via a vertically or horizontally mounted crank transmission on the casement profile. The crank transmission is equipped with an anti-overload device (safety clutch).
- The current functional position is displayed on a vision panel.
- Via the fold out lever the casement can either be get into trick or tipping over position.
- Every individually required tipping over position can be achieved.
- The fitting system locks by default in all four corners.
- Depending on the window's size any locking device can be additional horizontally or vertically mounted.
- All locking studs can be adjusted for pressure of closing.
- Short installation and processing time can be achieved by using clampable and ready to assemble fitting units.

INSTALLATION DRAWINGS

Drawing No. 50712-0-001-1 and 50712-0-001-2

Fitting housing for aluminium profile



Accessories for cranked turn-and-tilt hardware GEZE F 1200



Cross scissor mechanism

Cross scissor mechanism

This combines the most important integrated functions

- Continuously adjustable tilt position – smooth running, independent of the casement weight
- In the running position the window is securely held
- Even in the case of incorrect operation the casement does not drop



Crank mechanism with fold out lever

Crank mechanism with fold out lever

- Also to be used as a handle to move in turning position
- Can be fitted in the vertical or in horizontal frame parts
- Easy to operate
- Fitted with safety clutch in order to avoid excessive load
- Visual indication of the different window positions



Drive with barrel lock

Drive with barrel lock to secure turning position

- Safety device
- Special authorisation for trick positions



Drive for removable crank

Drive with removable crank

- Safety device
- Casement actuation only for authorised persons possible



Corner transmission

Corner transmission

- Tough spring hinge corner transmission ensures high functional integrity and transmission or force free play



Locking studs

Locking studs

- Can be inserted on all four sides
- All locking studs can be adjusted for closing pressure (centre locking vertical or horizontal)
- The locking studs are secured against unintentional turning

Accessories for cranked turn-and-tilt hardware GEZE F 1200



Secondary scissor mechanism

Secondary scissor mechanism

- For casement width from 1400 mm
- Synchronised operation with primary cross scissor mechanism during tilting operation, ensures additional stability to very wide leaves



Opening restrictor

Opening restrictor

- Available in several sizes
- For variable limitation of the opening position with the side hung casement



Mal-operation block

Mal-operation block

- Prevents incorrect operation of the mechanism



Dead lock

Burglar resistance

For safeguarding of side hung casements against forced entry the following accessories can be used:

- Dead lock
- Hooked locking devices



Hooked locking devices

CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

ORDERING INFORMATION – CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

Description	Finish		ID No.
Basic fittings F 1200 without drive gear, for vertical mounting of the drive	anodised aluminium ¹⁾	left	062910
		right	062908
Drive F 1200 with crank	anodised aluminium ¹⁾	left	063228
		right	063226
Drive F 1200 lockable, with crank	anodised aluminium ¹⁾	left	063232
		right	063230
Drive F 1200 for removable crank (without crank)	anodised aluminium ¹⁾	left	063377
		right	063375
Removable crank for drive F 1200			063332
Secondary scissor mechanism F 1200		left	062914
		right	062913
Corner transmission F 1200 with accessories for horizontal mounting of the drive ²⁾			063211
Centre locking F 1200 vertical or horizontal			062912
Opening restrictor F 1200 ³⁾	not damped	size 0	066035
		size 1	066036
		size 2	066037
Burglar resistance F 1200	Clasp		000330
	Dead lock for overlap from 10 to 11 mm	anodised aluminium ¹⁾	synchronised closing
	Drilling template, 5-fold		063418

¹⁾ Customer specified colours are available on request.

²⁾ If horizontal centre locking is used, no corner transmission with accessory parts is required in the case of horizontal gear mounting!

³⁾ The size is depending on the width of the casement.

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