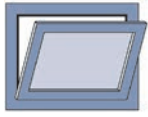




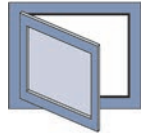
CRANKED TURN-AND-TILT HARDWARE GEZE F 1200
EASE OF USE FOR LARGE AND HEAVY WINDOWS

CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

Cranked turn-and-tilt hardware GEZE F 1200



**Bottom-hung casement
inward-opening**



**Side-hung casement
inward-opening**

Operating comfort for heavy and large windows

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



Europa Center, Berlin, Germany

PRODUCT FEATURES

- Ventilation with variable adjustment – from a small gap to full tilt opening
- High loading capacity
- Functional reliability through cranking mechanism with control indicator, independent of casement weight
- Additional mal-operation block and overload friction coupling
- Secure locking by any number of locking studs on all four sides, their closing pressure can be adjusted
- All fitting components are mounted on the inside of the frame, leaving sufficient room for the insulation zone
- Modern assembly technology

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

CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

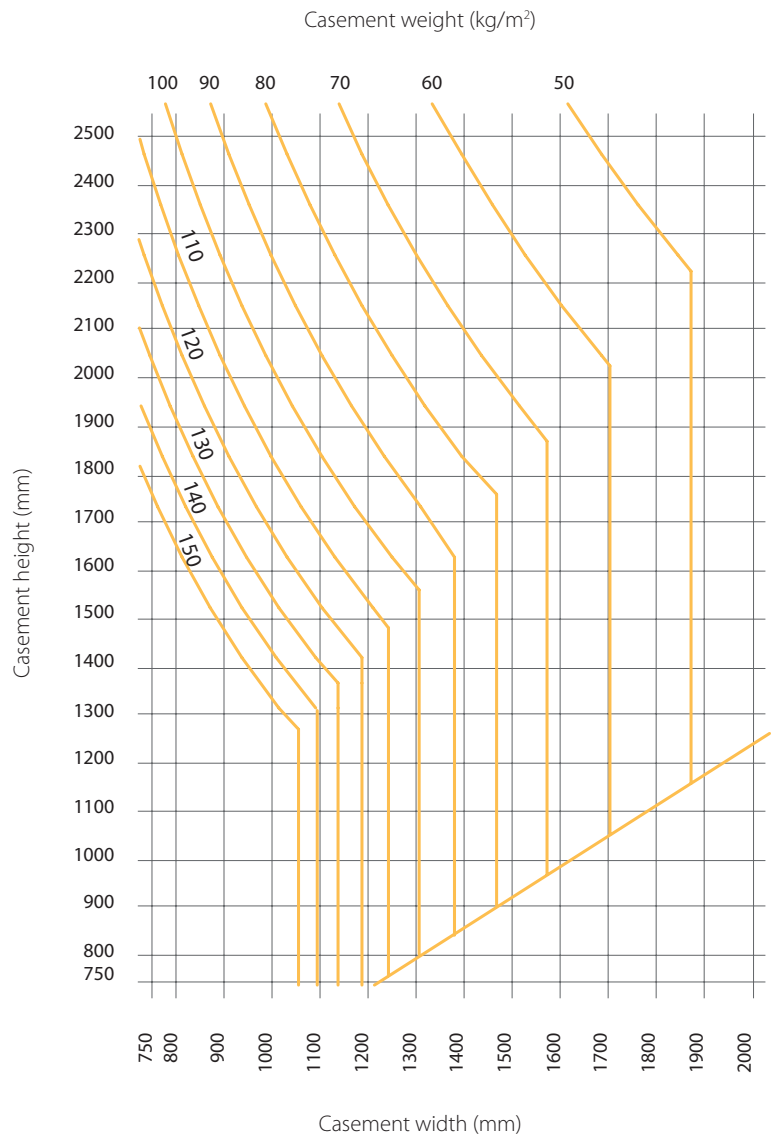
GEZE F 1200

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

- All fitting components – except gears and bearings – are clampable
- The fitting system requires a special framing profile, which can be adapted to the existing cover frames of the different profile series.

EXAMPLES OF RANGES OF APPLICATION**Range of application for aluminium windows**

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

Installation situation: casement in tilted position**Application diagram****Installation situation: casement in turning position**

CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

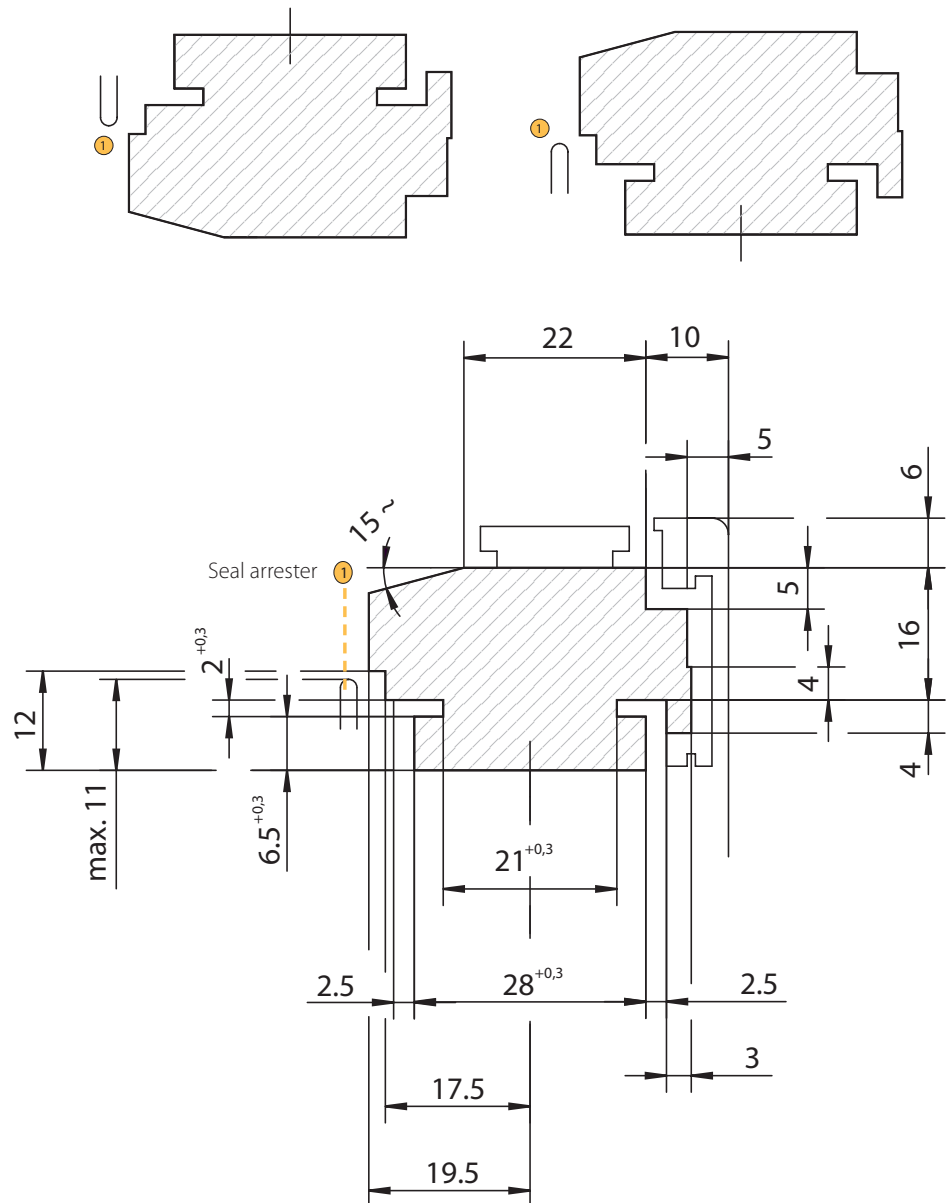
TECHNICAL DATA

- The F 1200 is operated via a crank gear which is mounted vertically or horizontally on the casement profile and equipped with an overload protection (safety clutch).
- The respective functional position is displayed on a vision panel.
- Via the fold-out crank the casement is either released into the turning position or moved into the tilted position.
- It is possible to adjust every required tilted position.
- The fitting system locks by default in all four corners.
- In addition, depending on the size of the window, almost any number of locking devices can be mounted horizontally or vertically.
- The closing pressure of all locking studs can be adjusted.
- Short installation and processing times are achieved by using mainly clampable and ready-for-assembly fitting units.

INSTALLATION DRAWINGS

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

Fitting housing for aluminium profile



CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

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



Cross scissor

Cross scissor

The most important functions have been integrated in the cross scissor

- Tilted position can be continuously adjusted, moves smoothly, independent of casement weight
- Secure fixture of window in turning position
- Even if improperly operated, casement does not sag



Crank gear with fold-out crank

Crank gear with fold-out crank

- At the same time, handle for turning position
- Can be mounted variably, either vertical or horizontal
- Easy to use
- Friction coupling to prevent overload
- Display of the respective functional position of the window



Gear with cylinder lock

Gear with lockable turning position via cylinder lock

- Safety equipment
- Special authorisation for turning positions



Gear for detachable crank

Gear for detachable crank

- Safety equipment
- Window operation only possible for authorised persons



Corner transmission

Corner transmission

- Stable spring hinge corner transmission for high functional reliability and power transmission free of clearance



Locking devices

Locking devices

- All-round application
- All locking devices with adjustable pressure (vertical and horizontal central locking device)
- The latch cams are secured with an octagonal wrench against unintentional turning out of position

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



Secondary scissor

Secondary scissor

- For casement widths from 1400 mm
- Operates during the tilting motion synchronously with the scissor opening and gives wider casements more stability



Opening restrictor

Opening restrictor

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



Mal-operation block

Mal-operation block

- Prevents incorrect operation of the mechanism



Latch lock

Burglar resistance

The following accessories can be used for safeguarding side-hung windows against forced entry:

- Latch lock
- Hooked locking device



Hooked locking device

CRANKED TURN-AND-TILT HARDWARE GEZE F 1200

ORDER 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
Gear F 1200 with crank	anodised aluminium ¹⁾	left	063228
		right	063226
Gear F 1200 lockable, with crank	anodised aluminium ¹⁾	left	063232
		right	063230
Gear F 1200 for removable crank (without crank)	anodised aluminium ¹⁾	left	063377
		right	063375
Removable crank for gear F 1200			063332
Secondary scissor mechanism F 1200		left	062914
		right	062913
Corner transmission F 1200 with accessories for horizontal mounting of the gear 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	Height locking device		000330
	Latch 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 depends on the casement width.

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