KINVARO
T-105 flap stay

- Variable opening angle, holds flaps securely from 45˚ to 105˚
- Spring-supported opening function
- Convenient access, flap lifts clear of the work area
- Suitable for wooden doors and aluminium frames with glass infill
- Allows additional cabinet installation above
- Maintenance-free, no readjustment required
- High-quality zinc diecasting, nickel-plated
- Range of flaps:
  Width: up to 1200 mm
  Weight: 250 – 500 mm

- **Note:** Tiomos 120° hinges with spring, without damper, and Tiomos mounting plates for top panel need to be ordered separately.

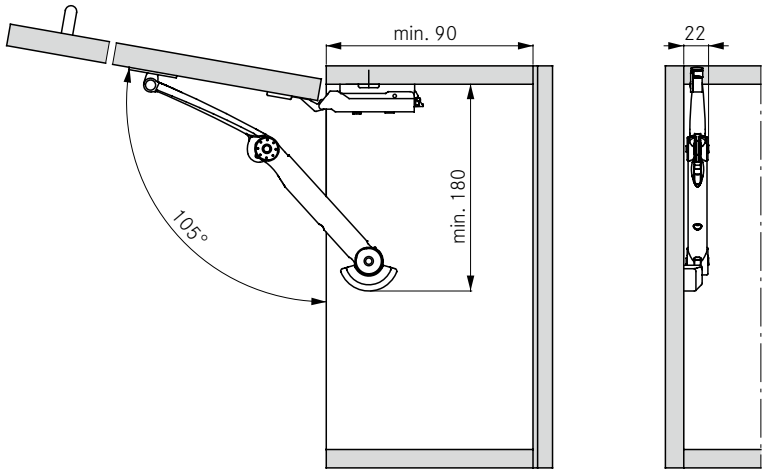
APPLICATION RANGE

Cabinet height	Number of flap stays	Flap weight incl. handle (kg)	
		Spring, standard	Spring, black
250	1	1.4 – 4.4	3.0 – 5.5
	2	3.4 – 8.9	6.0 – 11.1
300	1	1.6 – 4.3	2.8 – 5.2
	2	3.2 – 8.6	5.5 – 10.4
350	1	1.3 – 4.1	2.4 – 4.8
	2	2.6 – 8.1	4.8 – 9.5
400	1	1.3 – 3.4	2.2 – 4.0
	2	2.6 – 6.8	4.3 – 8.1
450	1	1.2 – 3.0	1.9 – 3.8
	2	2.4 – 6.1	3.8 – 7.4
500	1	1.1 – 2.9	1.7 – 3.5
	2	2.2 – 5.8	3.3 – 6.7

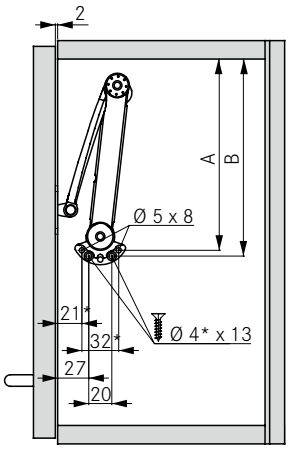
ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Required space

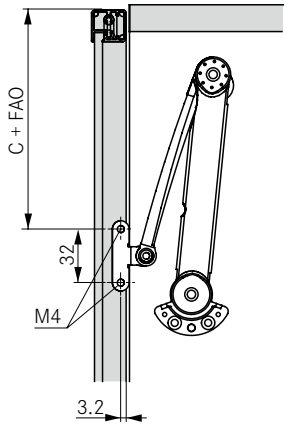


Side wall drilling positions

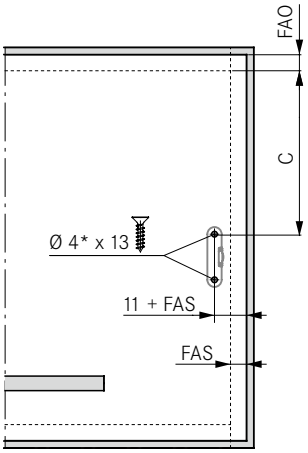


* Pre-drilling required - Ø 2 mm

Front: installation for flaps with standard aluminium frame profiles (19 mm)



Front: installation for wooden and frame flaps (min. 45 mm width)



* Pre-drilling required - Ø 2 mm

Opening angle	A	B	C
95°	169 + MH	174 + MH	118 + MH
≥ 105°	164 + MH	169 + MH	113 + MH

The installation dimensions apply to hinges with 0 cranking and the respective mounting plate height.
The opening angle can vary depending on the depending on type of hinge and application method between 95 and approx. 105°.

Minimum reveal and door protrusion depend on the fitted hinge.
For suitable hinges please refer to the Hinge Systems section.

Where cup hinges with different opening angles are used in a combination of wooden flaps and aluminium frame flaps, the smaller opening angle of the hinges used determines the installation dimensions for **both** flaps.

Calculation of flap weight

Flap width x flap height x flap thickness x density[1] + weight of handle [2] = weight of flap

[1] Densities: MDF 0.85 kg/dm³, chipboard 0.65 kg/dm³, spruce/pine 0.45 kg/dm³
[2] For bar handles allow 0.1 kg for each 100 mm handle width. We recommend a trial fitting

LEGEND

A	**Side wall fastening dimension**
B	**Side wall fastening dimension**
C	**Front fastening dimension**
FAO	**Front overlay, top**
FAS	**Front overlay, side**
MH	**Mounting plate height**