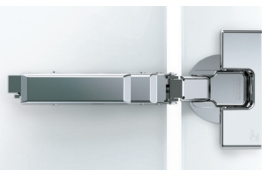




Guide for Common Applications

G*GRASS®

TIOMOS HINGE SYSTEM



www.grassusa.com

McFeely's
1-800-443-7937
www.mcfeelys.com



TIOMOS – Unique Selling Points:

Adjustable Soft-close Damper

- meets customer expectations for Soft-close function

New design in Soft-close mechanism

- fully integrated into the body of the hinge

Standard Cup Depth

- ease of conversion and compatibility with existing designs

Full program of Soft-close and Self-close Hinges

- 110° / 160°, Frame and Frameless

Improved Kinematics

- no other design can offer as much design flexibility

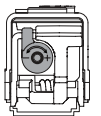
New base plate design

- offering “worm gear” adjustment technology
- large improvement over eccentric cam design adjustment

Proven strength / durability

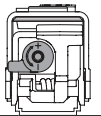
- building on Grass 3000 series reputation and legacy

3 Soft-close settings



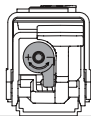
Top Setting

Large and heavy doors



Middle Setting (factory setting)

Standard door
(Covers 80% of applications)



Bottom Setting

Small and light-weight doors

Outstanding Soft-close characteristic:

New design in Soft-close mechanism

- no rebound effect - continuous, smooth closing action
- closing time < 4 sec.
- uniform closing regardless of door material and door dimensions

Tool-free Soft-closing adjustment

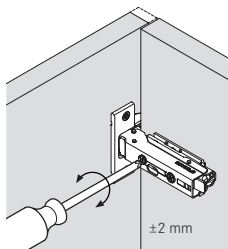
Adjustment located at back of hinge arm

Adjustment lever locks in position for each setting

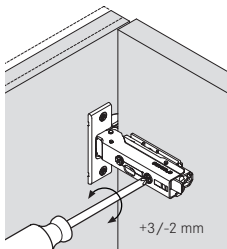
New base plate design

3D adjustment

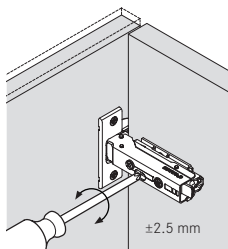
Side, depth and height adjustment



Side adjustment

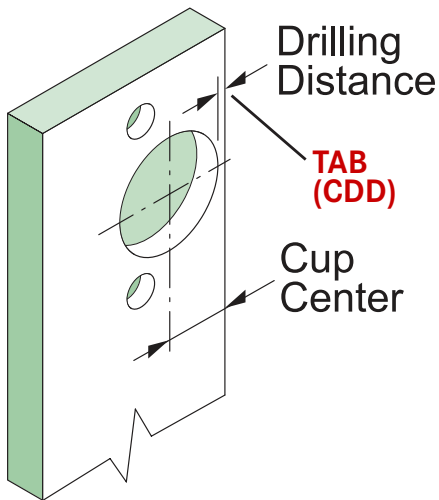


Depth adjustment
via worm gear



Height adjustment
via base plate

Cup Drilling Distance



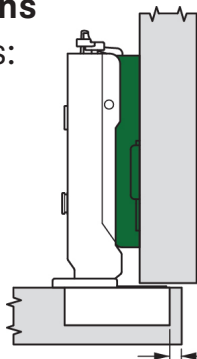
Frameless Cabinet Applications

Overlay 19mm (3/4") side panels:

16mm (5/8") Overlay,

Tab (CDD) 4mm (5/32")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 4mm (5/32")

DOWELLED

Soft-close

Self-close

Euro Screw

Description

Tiomos 110 VS8 Overlay

Tiomos 110 VS8 Overlay

Tiomos 00/ES/37 1D Wing plate

Item No.

F028138524228

F045138462228

F058139761228

SCREW-ON

Soft-close

Self-close

Wood Screw

Description

Tiomos 110 VS Overlay

Tiomos 110 VS Overlay

Tiomos 00/4.2/37 1D Wing plate

Item No.

GA-1100-SOFT

GA-1100-SELF

GA-FLP-0

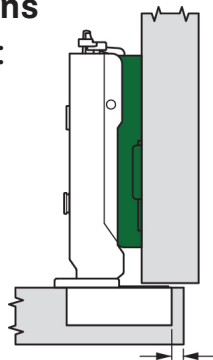
Frameless Cabinet Applications

Overlay 19mm (3/4") side panels:

17mm (11/16") Overlay,

Tab (CDD) 5mm (13/64")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 5mm (13/64")

DOWELLED

Soft-close

Description

Tiomos 110 VS8 Overlay

Item No.

F028138524228

Self-close

Tiomos 110 VS8 Overlay

F045138462228

Euro Screw

Tiomos 00/ES/37 1D Wing plate

F058139761228

SCREW-ON

Soft-close

Description

Tiomos 110 VS Overlay

Item No.

GA-1100-SOFT

Self-close

Tiomos 110 VS Overlay

GA-1100-SELF

Wood Screw

Tiomos 00/4.2/37 1D Wing plate

GA-FLP-0

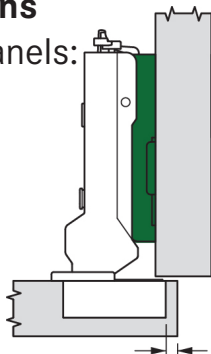
Frameless Cabinet Applications

Half Overlay 19mm (3/4") side panels:

6.5mm (1/4") Overlay,

Tab (CDD) 4mm (5/32")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 4mm (5/32")

DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Half Overlay	F028138525228
Self-close	Tiomos 110 VS8 Half Overlay	F045138463228
Euro Screw	Tiomos 03/ES/37 1D Wing plate	F058139763228
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Half Overlay	GA-110H-SOFT
Self-close	Tiomos 110 VS Half Overlay	GA-110H-SELF
Wood Screw	Tiomos 03/4.2/37 1D Wing plate	GA-FLP-3

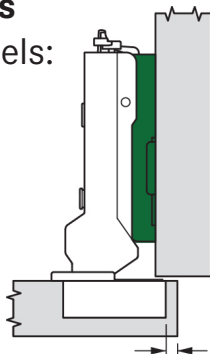
Frameless Cabinet Applications

Half Overlay 19mm (3/4") side panels:

7.5mm (5/16") Overlay,

Tab (CDD) 5mm (13/64")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 5mm (13/64")

DOWELLED

Soft-close

Self-close

Euro Screw

Description

Tiomos 110 VS8 Half Overlay

Tiomos 110 VS8 Half Overlay

Tiomos 03/ES/37 1D Wing plate

Item No.

F028138525228

F045138463228

F058139763228

SCREW-ON

Soft-close

Self-close

Wood Screw

Description

Tiomos 110 VS Half Overlay

Tiomos 110 VS Half Overlay

Tiomos 03/4.2/37 1D Wing plate

Item No.

GA-110H-SOFT

GA-110H-SELF

GA-FLP-3

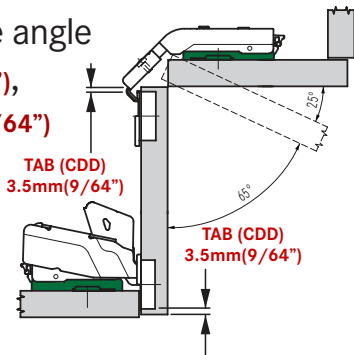
Pie Cut Corner (Lazy Susan) Cabinets

Overlay 19mm (3/4") side panels:

16mm (5/8") Overlay, Wide angle

Tab (CDD) 3.5mm (9/64"),
PCC Tab (CDD) 3.5mm (9/64")

45mm Pattern, Blum &
 Salice machines, new
 GRASS machines



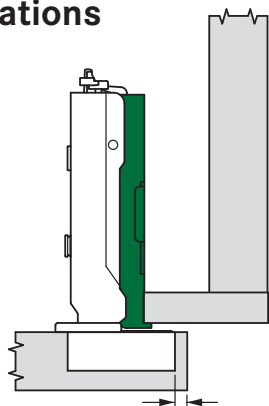
DOWELLED	Description	Item No.
Soft-close	Tiomos 160 VS8 Overlay	F028 138565217
Self-close	Tiomos 160 VS8 Overlay	F045 138503217
	Tiomos PCC VS8 Overlay	F045 138518228
Euro Screw	Tiomos 00/ES/37 1D Wing plate	F058 139761228
SCREW-ON	Description	Item No.
Soft-close	Tiomos 160 VS Overlay	GA-1600-SOFT
Self-close	Tiomos 160 VS Overlay	GA-1600-SELF
	Tiomos PCC VS Overlay	GA-PIE-1
Wood Screw	Tiomos 00/4.2/37 1D Wing plate	GA-FLP-0

Face Frame Cabinet Applications

19mm (3/4") Overlay,

Tab (CDD) 5mm (13/64")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 5mm (13/64")

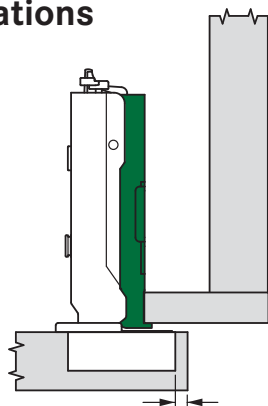
DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Overlay	F028138523228
Self-close	Tiomos 110 VS8 Overlay	F045138461228
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Overlay	GA-110F-SOFT
Self-close	Tiomos 110 VS Overlay	GA-110F-SELF
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34

Face Frame Cabinet Applications

15.5mm (5/8") Overlay,

Tab (CDD) 5mm (13/64")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 5mm (13/64")

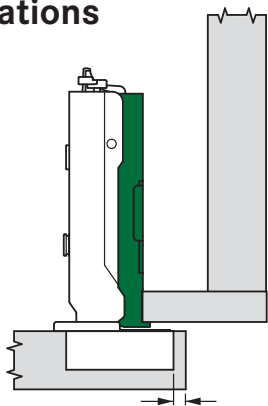
DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Overlay	F028 138524228
Self-close	Tiomos 110 VS8 Overlay	F045 138462228
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Overlay	GA-1100-SOFT
Self-close	Tiomos 110 VS Overlay	GA-1100-SELF
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34

Face Frame Cabinet Applications

14.5mm (9/16") Overlay,

Tab (CDD) 4mm (5/32")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 4mm (5/32")

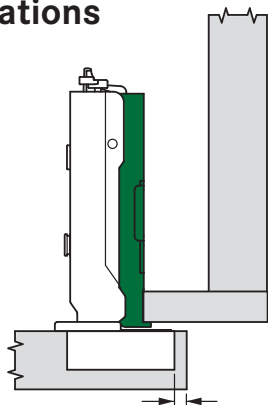
DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Overlay	F028 138524228
Self-close	Tiomos 110 VS8 Overlay	F045 138462228
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Overlay	GA-1100-SOFT
Self-close	Tiomos 110 VS Overlay	GA-1100-SELF
Wood Screw	Tiomos FFA 1.5/4.2 1D Face Frame	GA-FFP-34

Face Frame Cabinet Applications

12.5mm (1/2") Overlay,

Tab (CDD) 4mm (5/32")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



TAB (CDD) 4mm (5/32")

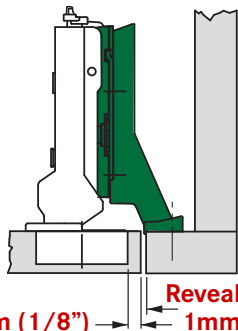
DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Overlay	F028138524228
Self-close	Tiomos 110 VS8 Overlay	F045138462228
Wood Screw	Tiomos FFA 3.5/4.2 1D Face Frame	GA-FFP-3.5
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Overlay	GA-1100-SOFT
Self-close	Tiomos 110 VS Overlay	GA-1100-SELF
Wood Screw	Tiomos FFA 3.5/4.2 Face Frame	GA-FFP-3.5

Face Frame Cabinet Applications

Inset,

Tab (CDD) 3mm (1/8")

45mm Pattern, Blum &
Salice machines, new
GRASS machines



DOWELLED	Description	Item No.
Soft-close	Tiomos 110 VS8 Half Overlay	F028138525228
Self-close	Tiomos 110 VS8 Half Overlay	F045138463228
Wood Screw	Tiomos FFA 00/4.2 1D Inset plate FF	F058139831228
SCREW-ON	Description	Item No.
Soft-close	Tiomos 110 VS Half Overlay	GA-110H-SOFT
Self-close	Tiomos 110 VS Half Overlay	GA-110H-SELF
Wood Screw	Tiomos FFA 00/4.2 1D Inset plate FF	GA-FFP-I



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