



TIOMOS

HINGE SYSTEM



TIOMOS
FULL CATALOG

ENGINEERED FOR TOMORROW

TIOMOS represents the culmination of decades of Grass know-how and experience. Grass engineers have reconceptualized and developed every detail and function of this line from the bottom up. The result is an elegant movement system that already meets tomorrow's technical and functional requirements. Robust, soft-closing, and fully adjustable, no other hinge offers as much design flexibility as Tiomos.

TIOMOS SPECS & INSTALLATION DIMENSIONS

Degree of Opening: 110°, 120°, 155°, 95°

Cup Diameter: 35mm

Cup Depth: 12.6mm (1/2")

Drilling Pattern: 42mm, 45mm, and 42/45mm (Impresso)

Mounting Type: Screw-on, Dowelled, and Impresso (tool-free)

Application: Face Frame, Frameless

Overlay: Full, Overlay, Half, and Inset

Diameter of Mounting Hole: 5mm pre-drill, #6 x 5/8" FHP - Wood Screw, Nickel Plated and 8mm Dowell

Multiple Baseplate Options



In-line

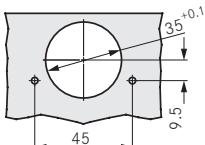


Standard Winged

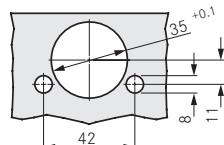


Face Frame Adapter

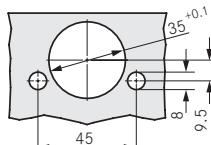
Screw-on



Impresso



Dowelled

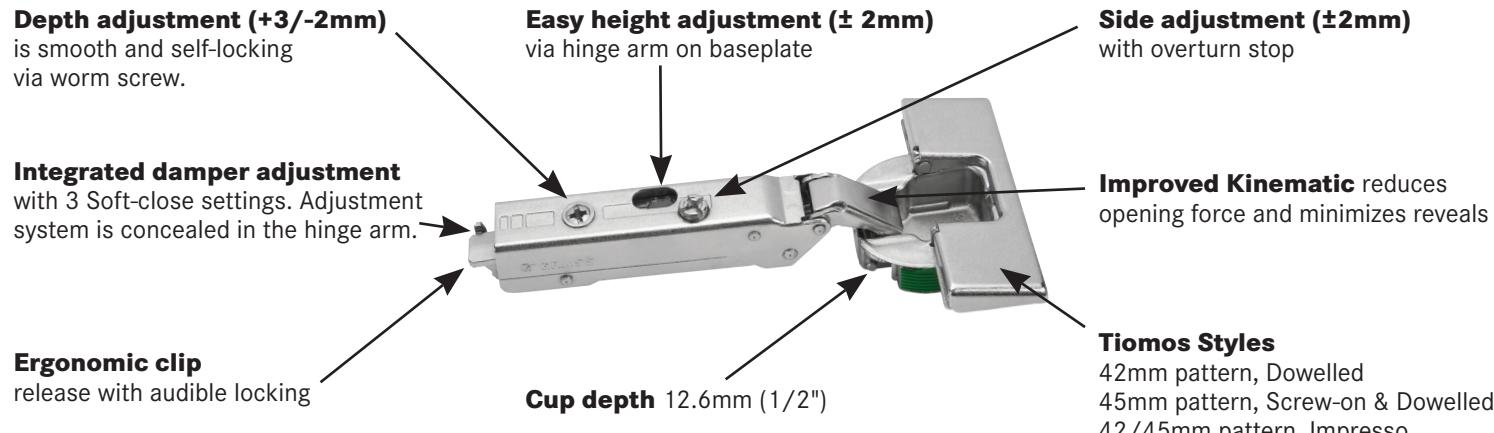


TIOMOS Hinge System's wide selection of hinges and specialty hinges cover most application needs. Tiomos features 3 dimensional adjustment mechanisms for height, width, and depth. The soft-close damper is cleverly concealed in the hinge arm and offers three levels of closing pressure.



- Adjustable 3-tier soft-close mechanism integrated and concealed in the hinge arm
- Continuous, smooth closing action regardless of the door size, weight, or materials
- Soft-close mechanism can be adjusted easily and without tools, even after doors are installed
- Wide selection of hinges and specialty hinges cover all application needs
- 3-dimensional adjustment
- Soft-close, Self-close, and Impresso hinges for frameless or face frame cabinets

TIOMOS meets and exceeds ANSI/BHMA A156.9 Grade 2 testing requirements.



Hinges Per Door

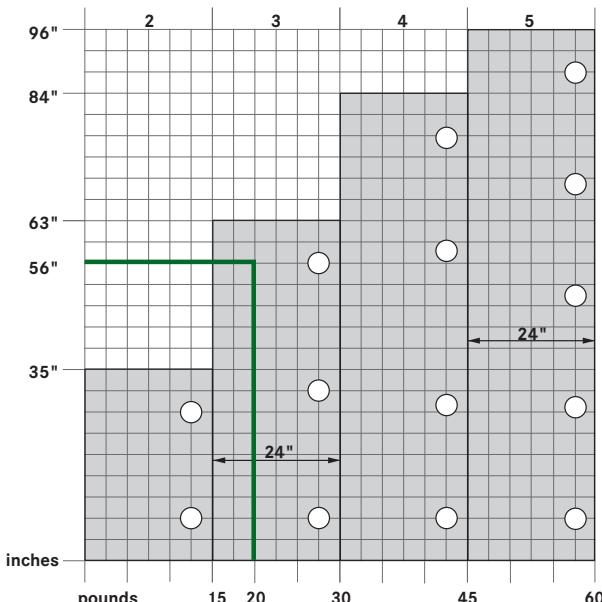
The number of hinges is determined by the door height, door weight, quality of the door material, and the fixing of the cup and base plate.

The load and height data refer to 24" standard door widths.

The table refers to hinges with and without integrated dampers.

Grass strongly recommends a trial mount for all hinges and base plates.

Attach base plates using all available screw holes.



Example:

For doors measuring 56" x 24" and weighing 19 lb, Grass recommends the installation of 3 hinges. Note: The distance between the top and bottom hinge must be greater than the width of the door. The Tiomos hinge meets and exceeds the minimum requirements of ANSI/BHMA A156.9 Standard.

Soft Close Adjustment

