



## TEC SOFT-CLOSE



**G\* GRASS®**

### TEC SOFT-CLOSE HINGE SYSTEMS

A revolutionary Soft-close face frame hinge system. Established quality with functional benefits for today's modern cabinetry.







The perfect solution for your face frame cabinetry. TEC SOFT-CLOSE, with adjustable closing action from Grass.

**Now with adjustable closing force.**

Quiet and effortless closing action is guaranteed every time with **TEC Soft-close** hinges. Sleek in design, the **TEC Soft-close** features a new adjustable switch to regulate your soft-closing action. Now your closing action can be consistent for any size door.

Made in the USA, the **TEC Soft-close** system offers a proven technology that makes TEC the first choice among face frame hinge systems.



## TEC SOFT-CLOSE HINGE SYSTEM

A three tiered adjustment switch enables you to regulate the closing action of the door. These levels of adjustment provide a different level resistance on the damping system in the soft-close mechanism.

**MADE IN THE USA.**



### **TEC Soft-close - the unique face frame hinge with adjustable soft close action**

The **TEC Soft-close** hinge system is a revolutionary face frame hinge with the soft-closing action built right in to the hinge cup. Now introducing the newest feature of the **TEC Soft-close**, an adjustment switch located on the face of the hinge that will regulate the closing action of the door. Integrated Soft-close combined with new adjustments gives you new functional benefits for today's modern cabinetry. Made in the USA, your doors will close softly, quietly and consistently with **TEC Soft-close**.

### **Innovative three tiered adjustment.**

The newest feature of the **TEC Soft-close** hinge system is a three tiered adjustment switch that enables you to regulate the closing action of the door. These three levels of adjustment provide a different level of resistance on the damping system in the soft-close mechanism. Set at the highest level, the damping system has the most resistance and provides the longest closing action. To achieve less resistance you can place the adjustment switch at the medium level or lower level. The settings can be different for each hinge on the door so that you can achieve the maximum benefit in your closing action regardless of the size or weight of the door.

The development of the **TEC Soft-close** is based on the ever popular 3-dimensional TEC face frame hinge with a variety of overlays offered. The Soft-close mechanism is pre-mounted in to the interior of the hinge cup, therefore, no additional installation of the Soft-close is required. The drilling depth of the cup remains at 11mm and there are no protruding parts in the interior of the cabinet. Made in the USA, the **TEC Soft-close** offers quiet and effortless closing action every time.



# Grass TEC Soft-close

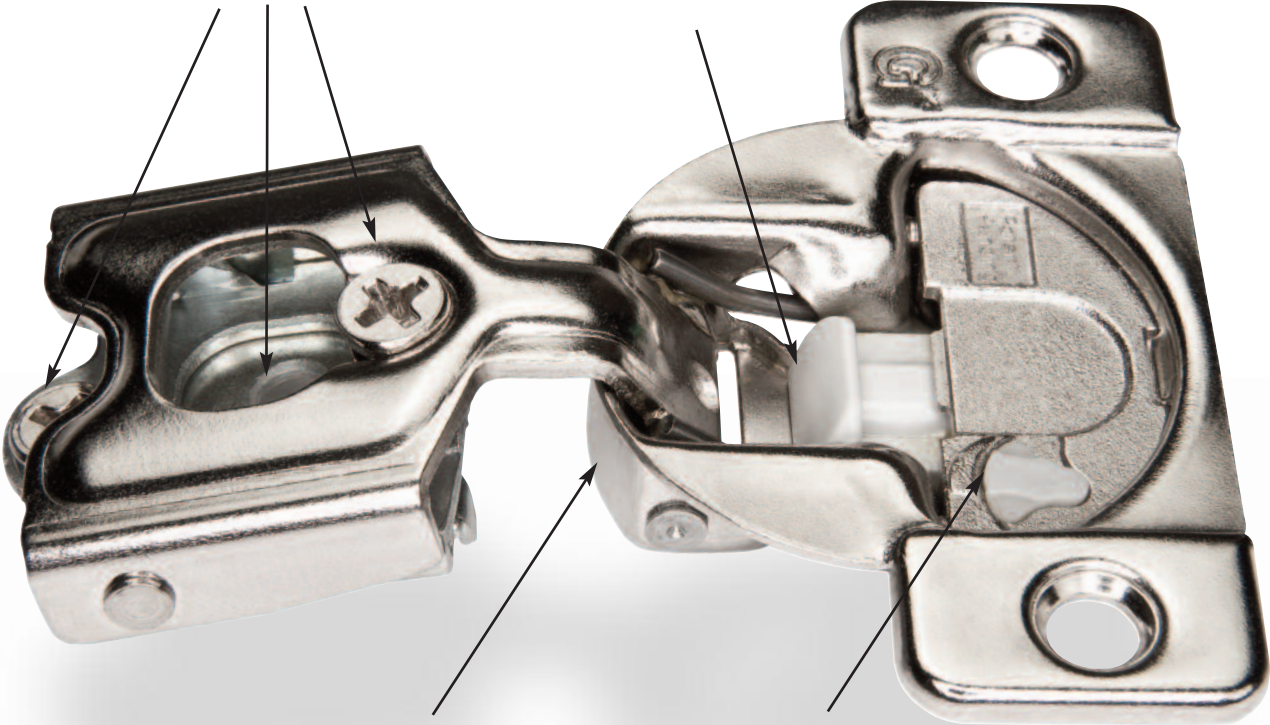
## Features and Benefits

**TEC Soft-close** is Made in the USA of durable and long-lasting materials from time-tested design and manufacturing techniques. Every mechanism is tested for reliability and the user experience.

### TEC Soft-close hinges are offered in these overlays:

1/4", 7/16", 1/2", 3/4" 1", 1 1/4", 1 5/16" 1 3/8", 1 1/2"

- 3-dimensional adjustment is built into each hinge. Settings for height, side and depth as well as tension for the soft-close mechanism makes installation a breeze.
- With its unique damping system, quiet and effortless closing action is guaranteed every time with the TEC Soft-close Hinge



- Low profile cup allows shallow drilling depth - 11 mm (7 / 16")
- Adjustable Soft-close damper is integrated into each hinge cup and there are no protruding parts in the interior of the cabinet.

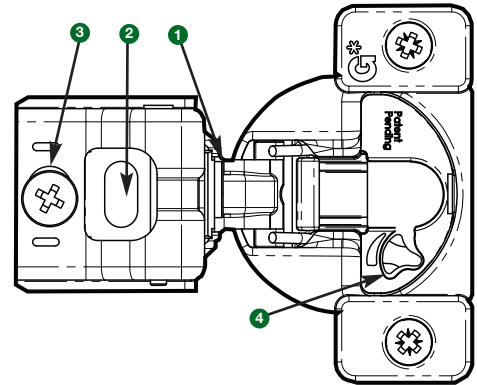
MADE IN THE USA

# Technical information

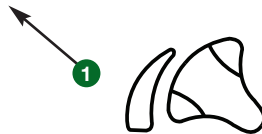
## for TEC Soft-close hinges

TEC Soft-close hinges are more convenient than ever. Each hinge is adjustable to fit any door, and close to any pressure.

- 1 Side Adjustment  
Rotate cam adjustment screw.
- 2 Height Adjustment  
Loosen screw, align door, tighten screw.
- 3 Depth Adjustment  
Rotate cam screw.
- 4 Soft-close Tension.....Light, Medium and Strong settings



### LIGHT



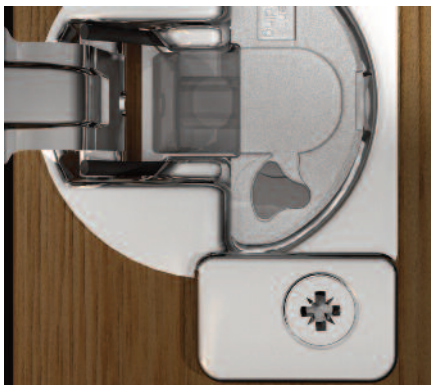
- 1 This is the “Light” setting for the Soft-closing mechanism. Set here for light or small doors with very little closing pressure.



### MEDIUM



- 2 This is the “Medium” setting for the Soft-closing mechanism. Set here for average size doors with normal closing pressure.



### STRONG



- 3 This is the “Strong” setting for the Soft-closing mechanism. Set here for larger or heavier doors with a strong closing pressure. **(Factory Setting)**

**Note:** To reset the Soft-close damper, move the adjustment switch to “Strong”, then to the desired position. Close the door and the Soft-close will be reset.

## TEC Soft-close

108° Opening Angle - ¼" to 1" Overlay

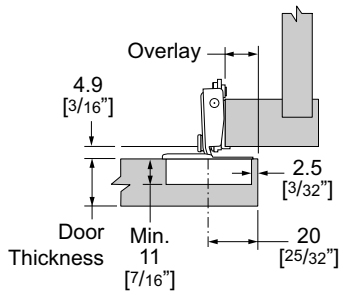
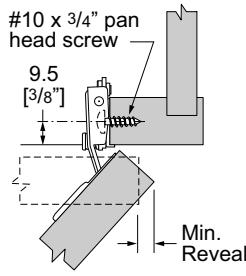
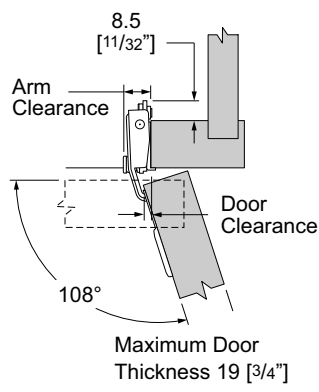


### Face Frame Hinges with integrated Soft-close

- Soft-close damper is premounted in the hinge cup
- Adjustment switch to regulate closing action
- One piece hinge and base plate combination
- 3 dimensional adjustment
- 11 mm (7/16") cup drilling depth
- Front locating tabs position hinge on face frame
- Cam side adjustment
- Cam depth adjustment
- Height adjustment at mounting screw
- Works with current Grass insertion machinery
- Made in the USA

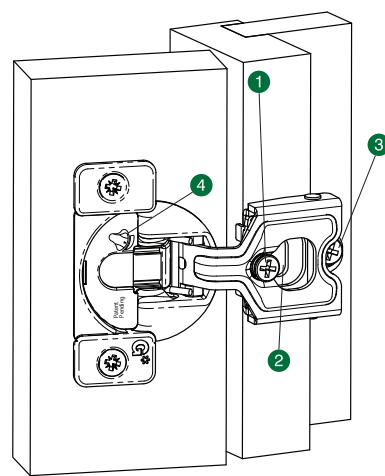


No Hammer

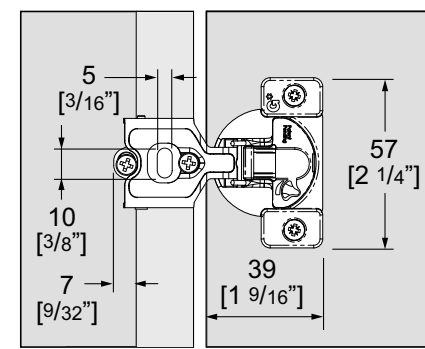
Dimensions - door closed	Minimum Reveal	Door open - clearances								
 <p>Overlay</p> <p>4.9 [3/16"]</p> <p>2.5 [3/32"]</p> <p>Min. 11 [7/16"]</p> <p>20 [25/32"]</p> <p>Door Thickness</p>	 <p>#10 x 3/4" pan head screw</p> <p>9.5 [3/8"]</p> <p>Min. Reveal</p> <p><b>TEC 864 Minimum Reveal</b></p> <table border="1"> <tr> <td>Door Thickness</td> <td>16 [5/8"]</td> <td>17.5 [1 1/16"]</td> <td>19 [3/4"]</td> </tr> <tr> <td>Minimum Reveal</td> <td>4.2 [5/32"]</td> <td>5.4 [7/32"]</td> <td>6.7 [1/4"]</td> </tr> </table> <p>Based on door with square edge.</p>	Door Thickness	16 [5/8"]	17.5 [1 1/16"]	19 [3/4"]	Minimum Reveal	4.2 [5/32"]	5.4 [7/32"]	6.7 [1/4"]	 <p>8.5 [11/32"]</p> <p>Arm Clearance</p> <p>Door Clearance</p> <p>108°</p> <p>Maximum Door Thickness 19 [3/4"]</p> <p>Arm and Door clearances see Page 8.</p>
Door Thickness	16 [5/8"]	17.5 [1 1/16"]	19 [3/4"]							
Minimum Reveal	4.2 [5/32"]	5.4 [7/32"]	6.7 [1/4"]							

**Adjustment**

- 1 Side Adjustment .....+/-1.5mm [1/16"]  
Rotate cam adjustment screw.
- 2 Height Adjustment.....+/-2mm [3/32"]  
Loosen screw, align door, tighten screw.
- 3 Depth Adjustment.....+ 2.5mm [3/32"], - .5mm [1/32"]  
Rotate cam screw.
- 4 Soft-close Tension.....Light, Medium and Strong setting  
See page 7 for complete adjustment explanation.



**Overall Dimensions**



**Mounting Screws**

Hinge cup to door, #6 x 5/8" Flat head screw  
Base plate to face frame, #10 x 3/4" Pan head screw

## TEC Soft-close

108° Opening Angle - 1¼" to 1½" Overlay



### Face Frame Hinges with integrated Soft-close

- Soft-close damper is premounted in the hinge cup
- Adjustment switch to regulate closing action
- One piece hinge and base plate combination
- 3 dimensional adjustment
- 11 mm (7/16") cup drilling depth
- Front locating tabs position hinge on face frame
- Cam side adjustment
- Cam depth adjustment
- Height adjustment at mounting screw
- Works with current Grass insertion machinery
- Made in the USA

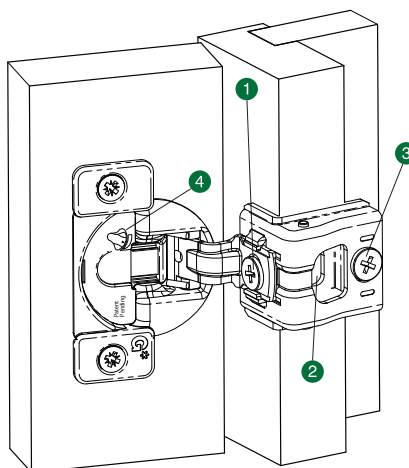


**No Hammer**

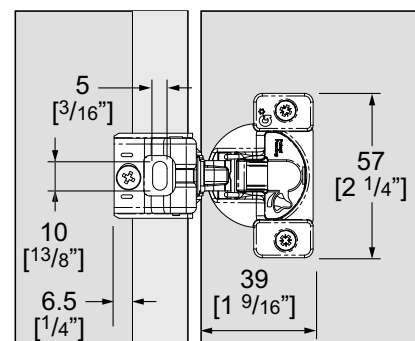


Dimensions - door closed	Minimum Reveal	Door open - clearances								
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Minimum Reveal	4.2 [5/32"]	5.4 [7/32"]	6.7 [1/4"]							
Adjustment	Dimensions									

- 1 Side Adjustment .....+/-1.5mm [1/16"]  
Rotate cam adjustment screw.
- 2 Height Adjustment.....+/-2mm [3/32"]  
Loosen screw, align door, tighten screw.
- 3 Depth Adjustment.....+3mm [1/8"]  
Rotate cam screw.
- 4 Soft-close Tension.....Light, Medium and Strong setting See page 7 for complete adjustment explanation.



### Overall Dimensions



### Mounting Screws

Hinge cup to door, #6 x 5/8" Flat head screw  
Base plate to face frame, #10 x 3/4" Pan head screw