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

www.grassusa.com
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 into 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:

\[ \frac{1}{4}”, \frac{7}{16}”, \frac{1}{2}”, \frac{3}{4}”, 1”, 1 \frac{1}{4}”, 1 \frac{5}{6}”, 1 \frac{3}{8}”, 1 \frac{1}{2}” \]

- 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
<table>
<thead>
<tr>
<th>Dimensions - door closed</th>
<th>Minimum Reveal</th>
<th>Door open - clearances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Thickness</td>
<td>11 [7/16&quot;]</td>
<td>20 [25/32&quot;]</td>
</tr>
<tr>
<td>Overlay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.9 [3/16&quot;]</td>
<td>2.5 [9/32&quot;]</td>
<td></td>
</tr>
<tr>
<td>Min. Reveal</td>
<td>2.5 [9/32&quot;]</td>
<td></td>
</tr>
</tbody>
</table>

**TEC 864 Minimum Reveal**

- **Door Thickness**: 16 [5/8"] 17.5 [15/16"] 19 [3/4"]
- **Minimum Reveal**: 4.2 [5/32"] 5.4 [7/32"] 6.7 [1/4”]

Based on door with square edge.

### 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 [3/16"], - .5mm [1/32”]
   Rotate cam screw.

4. **Soft-close Tension**.......Light, Medium and Strong setting
   See page 7 for complete adjustment explanation.

### 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

### Overall Dimensions

Subject to technical modifications without notice.
TEC Soft-close

108° Opening Angle - 1⅛” to 1½” Overlay

Face Frame Hinges with integrated Soft-close

- Soft-close damper is pre-mounted 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
**Adjustment**

1. **Side Adjustment** .......+/-1.5mm [⅛"]
   Rotate cam adjustment screw.

2. **Height Adjustment** .......+/-2mm [⅛"]
   Loosen screw, align door, tighten screw.

3. **Depth Adjustment** .......+3mm [¼”]
   Rotate cam screw.

4. **Soft-close Tension** .......Light, Medium and Strong setting See page 7 for complete adjustment explanation.

**Mounting Screws**

Hinge cup to door, #6 x ⅜” Flat head screw
Base plate to face frame, #10 x ¾” Pan head screw

**Overall Dimensions**

**Dimensions - door closed**

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<tr>
<th>Overlay</th>
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<th>Min. Reveal</th>
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</thead>
<tbody>
<tr>
<td>4.9 [⅝&quot;]</td>
<td>11 [⅛&quot;]</td>
<td>20 [⅞&quot;]</td>
</tr>
</tbody>
</table>

**Dimensions - door open - clearances**

- #10 x ¾” pan head screw
- Min. Reveal
- Arm Clearance

**TEC 864 Minimum Reveal**

<table>
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</tr>
<tr>
<td>19 [¾&quot;]</td>
<td>6.7 [⅛&quot;]</td>
</tr>
</tbody>
</table>

Based on door with square edge.

**Dimensions**

- Arm 6.5 [⅜”]
- Door clearances see Page 10.

**Subject to technical modifications without notice.**