



TEC SELF-CLOSE



G*GRASS®

TEC SELF-CLOSE HINGE SYSTEMS

TEC Self-close face frame hinge system.
Established quality with functional benefits for
today's cabinetry.





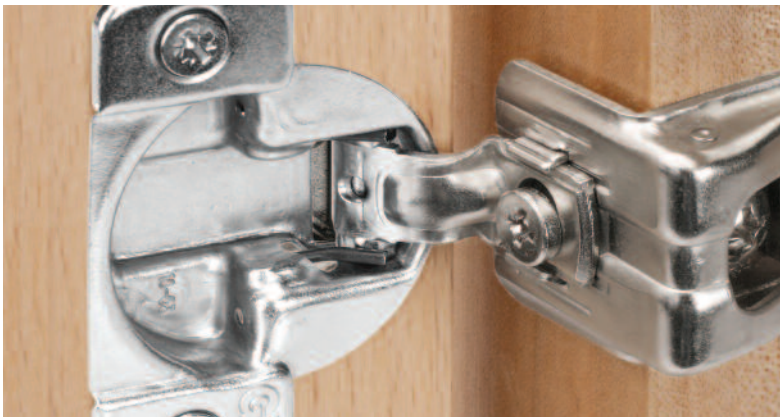
The perfect hinge solution for your face frame cabinetry. TEC Self-close hinge lines offer a complete range of quality hinges.

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



TEC SELF-CLOSE HINGE

Made in the USA, the TEC hinge system offers a solution for every application in kitchen, bath, and residential cabinetry.



The TEC Self-close offers a complete range of quality hinges.

The TEC 860 family includes a variety of hardware from hinges with 3 dimensional adjustment to hinges used for MDF material. Each hinge is available in a variety of overlays and in an array of hinge and base plate versions. Constructed of all-steel and nickel-finish components for optimal strength and durability, the TEC hinge system works on a variety of doors with profiled door edges. Made in the USA, TEC hinges are engineered to last.

Grass TEC Self-close

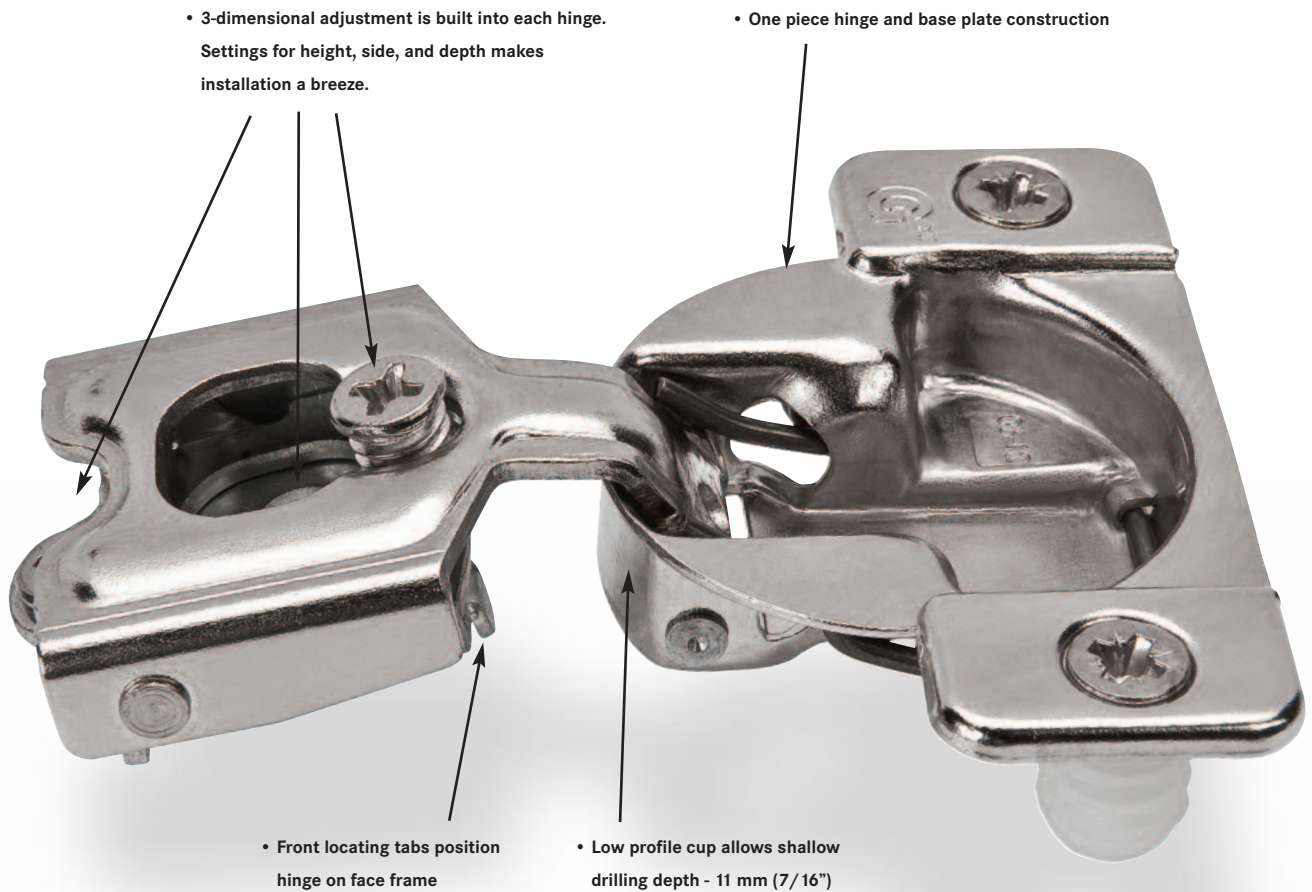
Features and Benefits

TEC Self-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 Self-close hinges are offered in these overlays:

$\frac{1}{4}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " $\frac{5}{8}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$ ", $1\frac{7}{16}$ "

Hinge shown is TEC 864.



MADE IN THE USA

TEC 864 Self-close

108° Opening Angle - ¼" to 1" Overlay



Face Frame Hinges

- 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
- 85° angle reduction clip available
- Works with current Grass insertion machinery
- Made in the USA

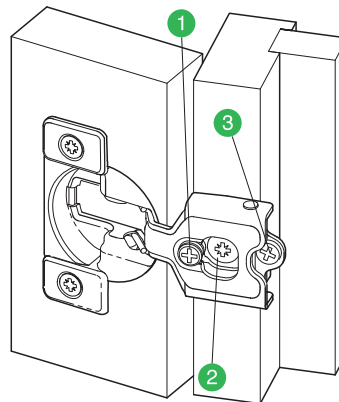


Dimensions - door closed	Minimum Reveal	Door open - clearances								
<p>Overlay</p> <p>4.9 [3/16"]</p> <p>2.5 [3/32"]</p> <p>Min. 11 [7/16"]</p> <p>20 [25/32"]</p> <p>Door Thickness</p>	<p>#10 x 3/4" pan head screw</p> <p>9.5 [3/8"]</p> <p>Min. Reveal</p> <p>TEC 864 Minimum Reveal</p> <table><tr><td>Door 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	Dimensions									

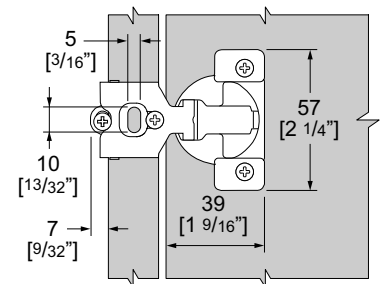
- 1 Side Adjustment+/-1.5mm [1/16"]
Rotate adjustment screw.
- 2 Height Adjustment.....+/-2mm [3/32"]
Loosen screw, align door, tighten screw.
- 3 Depth Adjustment.....+2.5mm [1/16"], -0.5 [1/32"]
Rotate cam screw.

Mounting Screws

Hinge cup to door, No.6 x 5/8" Flat head screw
Base plate to face frame, No.10 x 3/4" Pan head screw



Overall Dimensions



TEC 864 Self-close

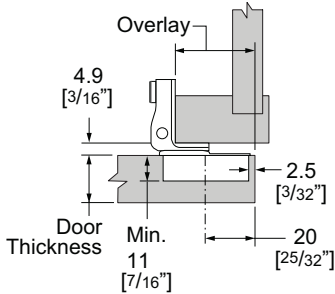
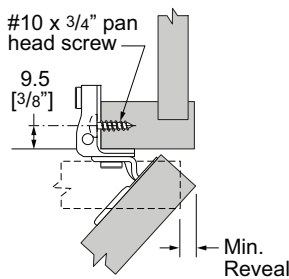
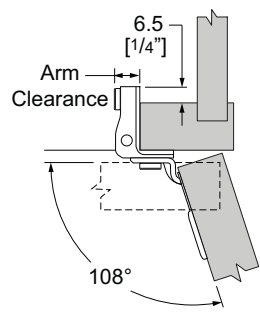
108° Opening Angle - 1¼" to 1½" Overlay



Face Frame Hinges

- One piece hinge and base plate combination
- For door thickness of up to ¾"
- 11 mm (⅞") cup drilling depth
- Front locating tabs position hinge on face frame
- Cam side adjustment
- Cam depth adjustment
- Height adjustment at mounting screw
- 85° angle reduction clip available
- Works with current Grass insertion machinery
- Made in the USA

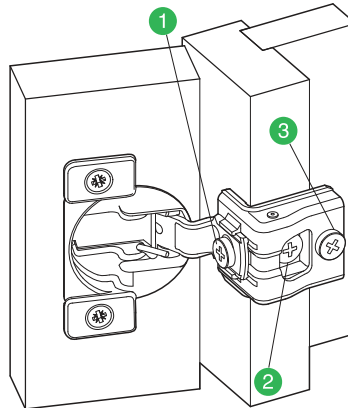


Dimensions - door closed	Minimum Reveal	Door open - clearances								
 <p>Overlay</p> <p>4.9 [3/16"]</p> <p>Door Thickness</p> <p>Min. 11 [7/16"]</p> <p>2.5 [3/32"]</p> <p>20 [25/32"]</p>	 <p>#10 x 3/4" pan head screw</p> <p>9.5 [3/8"]</p> <p>Min. Reveal</p> <p>TEC 864 Minimum Reveal</p> <table><tr><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>6.5 [1/4"]</p> <p>Arm Clearance</p> <p>108°</p> <p>Arm and Door clearances see Page 10.</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	Dimensions									

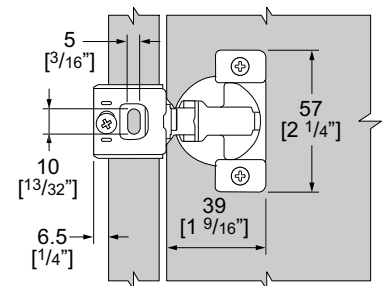
- 1 Side Adjustment+/-1.5mm [1/16"]
Rotate adjustment screw.
- 2 Height Adjustment.....+/-2mm [3/32"]
Loosen screw, align door, tighten screw.
- 3 Depth Adjustment.....+3mm [1/8"]
Rotate cam screw.

Mounting Screws

Hinge cup to door, No.6 x 5/16" Flat head screw
Base plate to face frame, No.10 x 3/4" Pan head screw

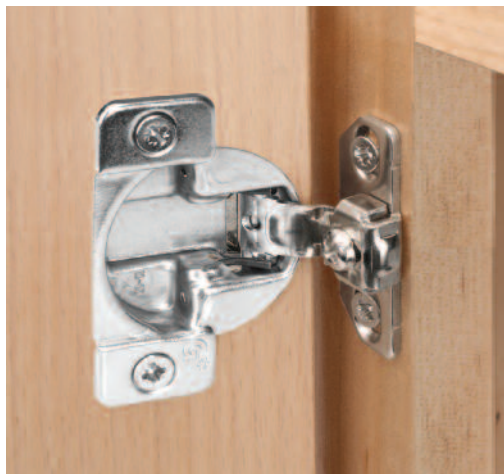


Overall Dimensions



TEC 862 Self-close

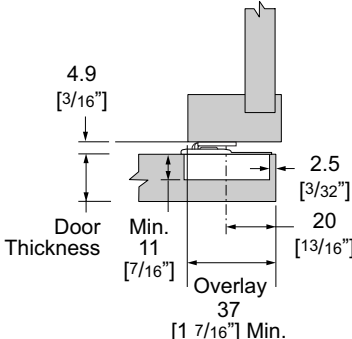
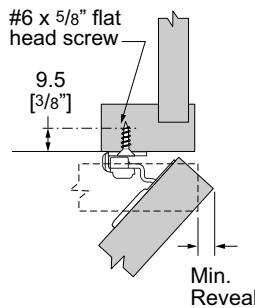
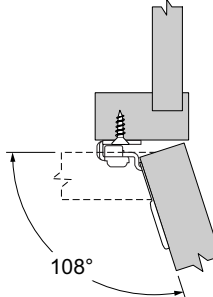
108° Opening Angle - Face Mount



Face Frame Hinges

- One piece hinge and base plate combination
- 11 mm (7/16") cup drilling depth
- Position face mount plate to achieve overlay
- Height adjustment at mounting screw
- For overlays 1 7/8" and greater
- 85° angle reduction clip available
- Made in the USA



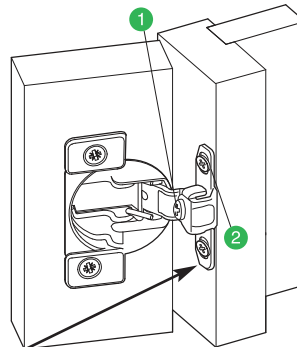
Dimensions - door closed	Minimum Reveal	Door open - clearances								
 <p>4.9 [3/16"]</p> <p>Door Thickness</p> <p>Min. 11 [7/16"]</p> <p>2.5 [3/32"]</p> <p>20 [13/16"]</p> <p>Overlay 37 [1 7/16"] Min.</p>	 <p>#6 x 5/8" flat head screw</p> <p>9.5 [3/8"]</p> <p>Min. Reveal</p> <p>TEC 863 Minimum Reveal</p> <table><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>108°</p> <p>Arm and Door clearances see Page 12.</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	Dimensions									

- 1 Side Adjustment+/-1.5mm [1/16"]
Rotate cam adjustment screw.
- 2 Height Adjustment.....+/-2mm [3/32"]
Loosen screw, align door, tighten screw.

Mounting Screws

Hinge cup to door, No.6 x 5/8" Flat head screw
Base plate to face frame, No.6 x 5/8" Flat head screw

Door Overlay = 37 [1 7/16"] when base plate is flush with inside edge of face frame.



Overall Dimensions

