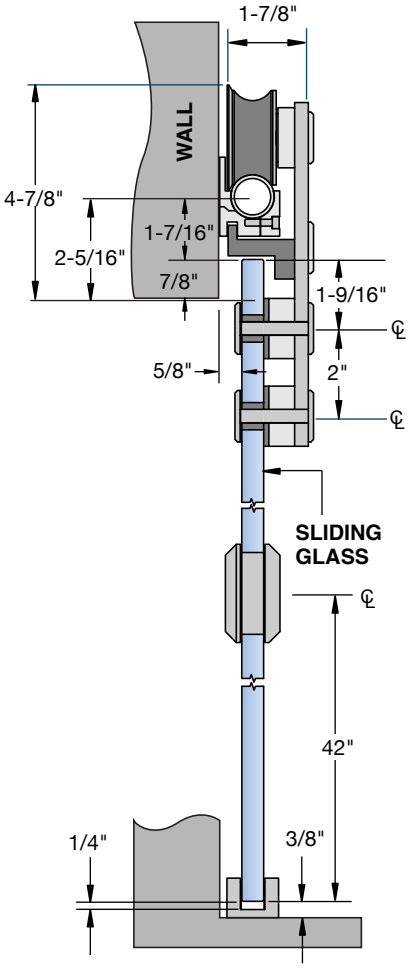
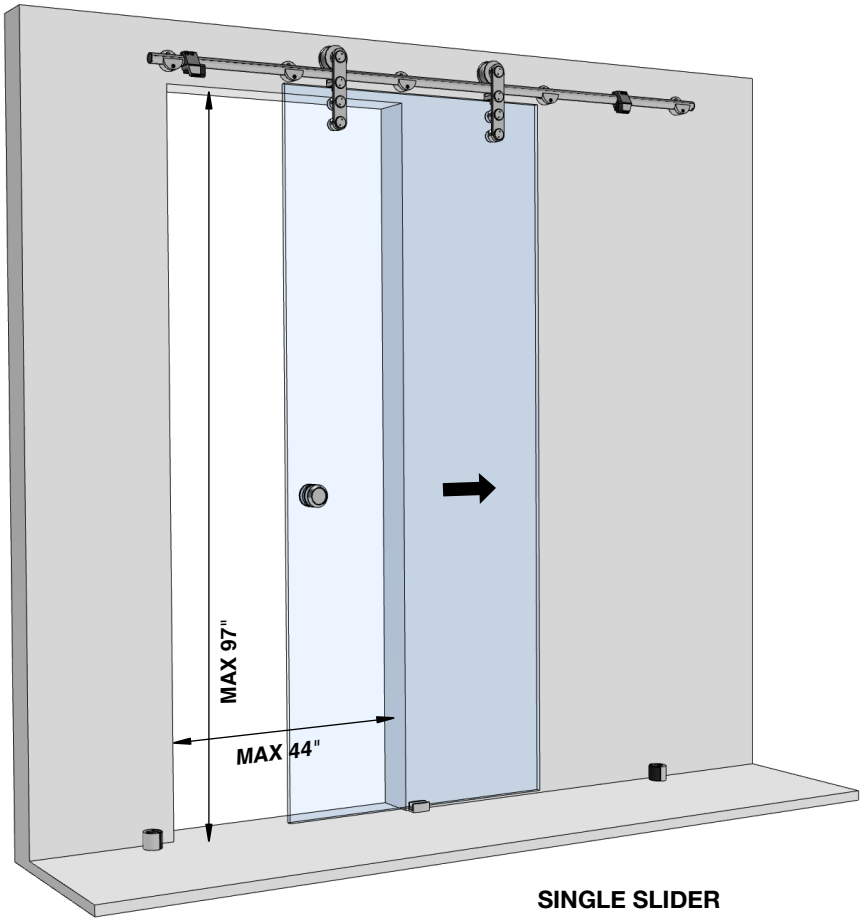
FHC SINGLE WALL MOUNT CARMEL SERIES SLIDER KIT

CSWM01

- Designed for Use With 3/8"-1/2" Tempered Glass
- Or 9/16" Tempered Lami Glass with SGP Interlayer
- Precision Adjustable Anti-Lift Top Rollers
- Complete Installation Kit (Glass not Included)
- Fast and Trouble-Free Installation
- Available in Brushed Stainless and Matte Black



SECTION VIEW OF SLIDING DOOR KIT



SINGLE SLIDER

SPECIFICATIONS

Material: Brushed or Matte Black Stainless Steel (316 Alloy)
Glass: Not Supplied
Thickness: 3/8"(10 mm) or 1/2" (13 mm) Monolithic or 9/16" Tempered Lami with SGP Interlayer.
Max Glass Size: 48" Width x 98" Height
Glass Fabrication: (1) 1-7/8" Hole - Finger Pull
(4) 5/8" Through Holes for Top Rollers or
(4) 1" Countersunk Holes for Top Rollers
Fasteners: Supplied

USE MONOLITHIC TEMPERED GLASS

OR

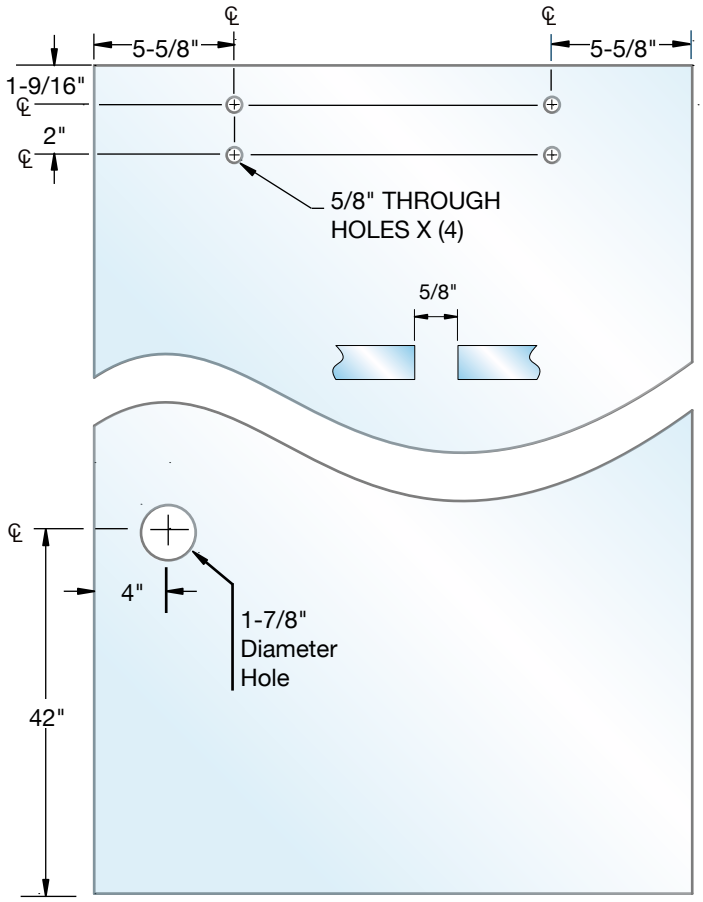
USE LAMINATED TEMPERED GLASS

Please Note: Glass is not included and will require fabrication. Detailed information inside.

FHC
FRAMELESS HARDWARE COMPANY
THE GLAZING SUPPLY COMPANY

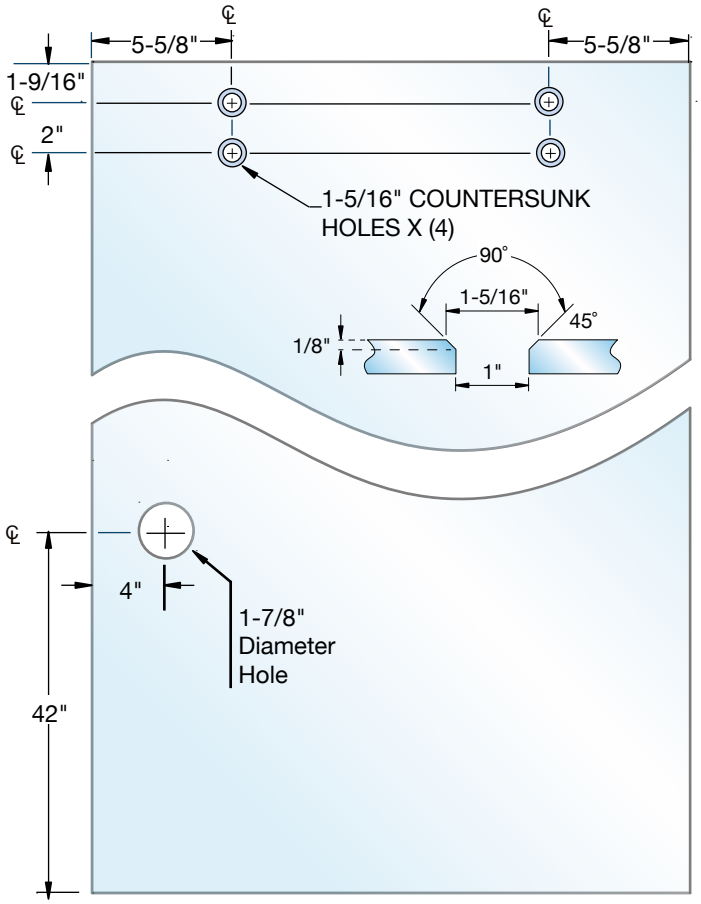
P.O. Box 1906, South Gate, CA 90280 Toll Free: **(888) 295-4531** | Fax: **323 336-8307** | Web: **fhc-usa.com**

GLASS FABRICATION



STANDARD LAYOUT FOR USE WITH SURFACE-MOUNT FITTINGS

FIGURE 2



OPTIONAL LAYOUT FOR USE WITH FLUSH-COUNTERSUNK FITTINGS

FIGURE 3

SLIDING RAIL FABRICATION

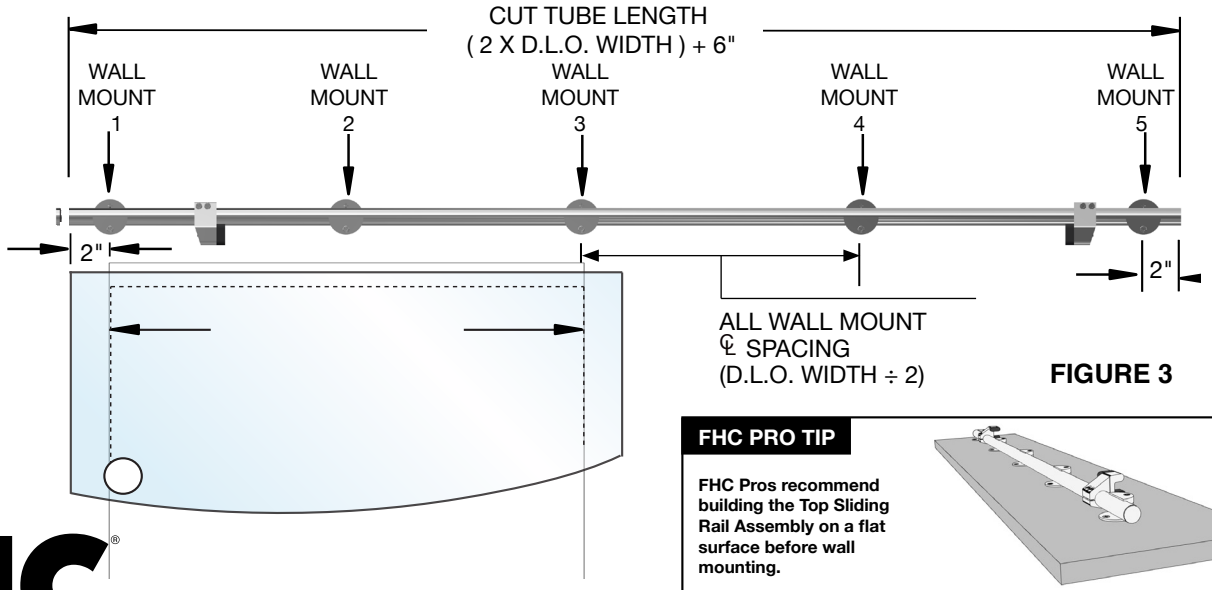
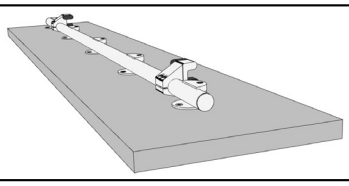


FIGURE 3

FHC PRO TIP

FHC Pros recommend building the Top Sliding Rail Assembly on a flat surface before wall mounting.



FHC FRAMELESS HARDWARE COMPANY
THE GLAZING SUPPLY COMPANY
P.O. Box 1906, South Gate, CA 90280 Toll Free: **(888) 295-4531** | Fax: **323 336-8307** | Web: **fhc-usa.com**

STEP-BY-STEP INSTRUCTIONS

The Carmel Series CSWM01 Single Door Sliding Glass System must be attached properly to a structurally sound wall. Internal frame backing is recommended behind each Wall Mounting Bracket. The installer must be certain he fastens into the wall framing with the provided screws. Doing so may require that the mounting brackets are not necessarily centered which is an acceptable condition.
All size and placement calculations are based on the Day Light Opening (DLO) dimensions of the Doorway.

STEP 1 **Verify** that you have receive all parts before proceeding. Assure that the active wall has been inspected for defects and out of plum conditions. Make sure that outlets and switch-plates will not be obstructed. Check for High-Spots in the floor that may cause Door Binding.

STEP 2 **Fabricate Glass**. (Figure 1) or (Figure 2) Start by determining the Horizontal and Vertical Day Light Opening (D.L.O.) of the Doorway to be glazed. Record it in the spaces below so that you can easily retrieve it for upcoming calculations. Decide if your job requires Surface Mount or Flush Mount Holes.

D.L.O.WIDTH _____ D.L.O.HEIGHT _____

STEP 3 **Fabricate the CS05 Top Sliding Tube.** (Figure 3) Calculate the required tube length and cut to size using formula.

CUT TUBE LENGTH = (2 X D.L.O. WIDTH) + 6"

STEP 4 **Prepare the CS05 Top Sliding Tube Assembly** It is advisable to assemble the Top Sliding Tube and components on a flat surface or table top. By facing all of the Wall CS03 Wall Mount Clips down on the work surface, as you position and tighten them into place, you can be certain that they will be aligned for the wall attachment step.

STEP 5 **Attach the CS03 Wall Mounting Clips.** (Figure 2) Open the front clamping face of each CS03 Wall Mount Clip by loosening the socket head cap screws using the 3mm Hex Wrench provided. Slide them onto the CS05 Top Sliding Rail with the mounting face down on the work surface. Use Spacing Formula below to calculate the correct spacing of each clip. Tighten into position. NOTE: The CS03 Wall Mount Clips are positioned using their centerlines and clips 1 and 5 are spaced 2" from each end. Wall Mount Clips 1 and 3 will be centered over each opening jamb. Clip 3 will be centerd between the two.

WALL MOUNT CLIP SPACING = (D.L.O. WIDTH ÷ 2)

STEP 6 **Position and Mount the Top Sliding Tube Assembly.** (Figure 3) Lift the assembled Sliding Tube up and into place. When level, mark all 5 top Holes of the CS03 Wall Mounting Clips and mount with provided fasteners. Loosen the socket head cap screws on the front of each bracket and remove the Top Rail. Complete mounting the Wall Clips using the supplied fasteners through the bottom holes.
Position the CS02 Top Door Stops but do not tighten.

STEP 7 **Attach the CS01 Top Roller Assemblies.** Determine the type of mounting that your project requires, surface or flush mount glass. Mount the Top Roller Assemblies the Glass door using the special spanner wrench. Remove the black plastic Anti-Lift Block on each roller and lift the door/roller assembly onto the Sliding Tube Assembly. Verify that the door slides smoothly and re-attach the anti-lift blocks. Adjust the bottom gap to 3/8” using the set screws on top of each CS01.
Make sure that it rolls freely from side-to-side. Replace the Anti-Lift blocks on each Roller.

STEP 8 **Adjust the CS02 Top Door Stops.** (Figure 4) Roll the door to the closed position making sure that it is centered over the opening. Slide the appropriate Top Door Stop into position on the Top Rail and tighten. Repeat the procedure with the other Top Door Stop and the Glass Door in the open position.

STEP 9 **Install the CS06 Floor Guide and CS07 Bottom Door Stops.** (Figure 4) Install the Floor Guide as illustrated in the drawing. The door should remain in the guide at all times in any position. Attach each Bottom Door Stop to the floor. Align with the door fully closed and fully open. The Rolling Glass Door should bump the Top and Bottom Door stops at the same time to prevent the door becoming misaligned.

STEP 10 **Install the TGFP1 Recessed Finger Pull.** (Figure 4) Make any final adjustments. Minor height adjustments can be made using the set screw on the top of each roller assembly.

FHC FRAMELESS HARDWARE COMPANY THE GLAZING SUPPLY COMPANY

P.O. Box 1906, South Gate, CA 90280 Toll Free: **(888) 295-4531** | Fax: **323 336-8307** | Web: **fhc-usa.com**

PARTS AND ASSEMBLY

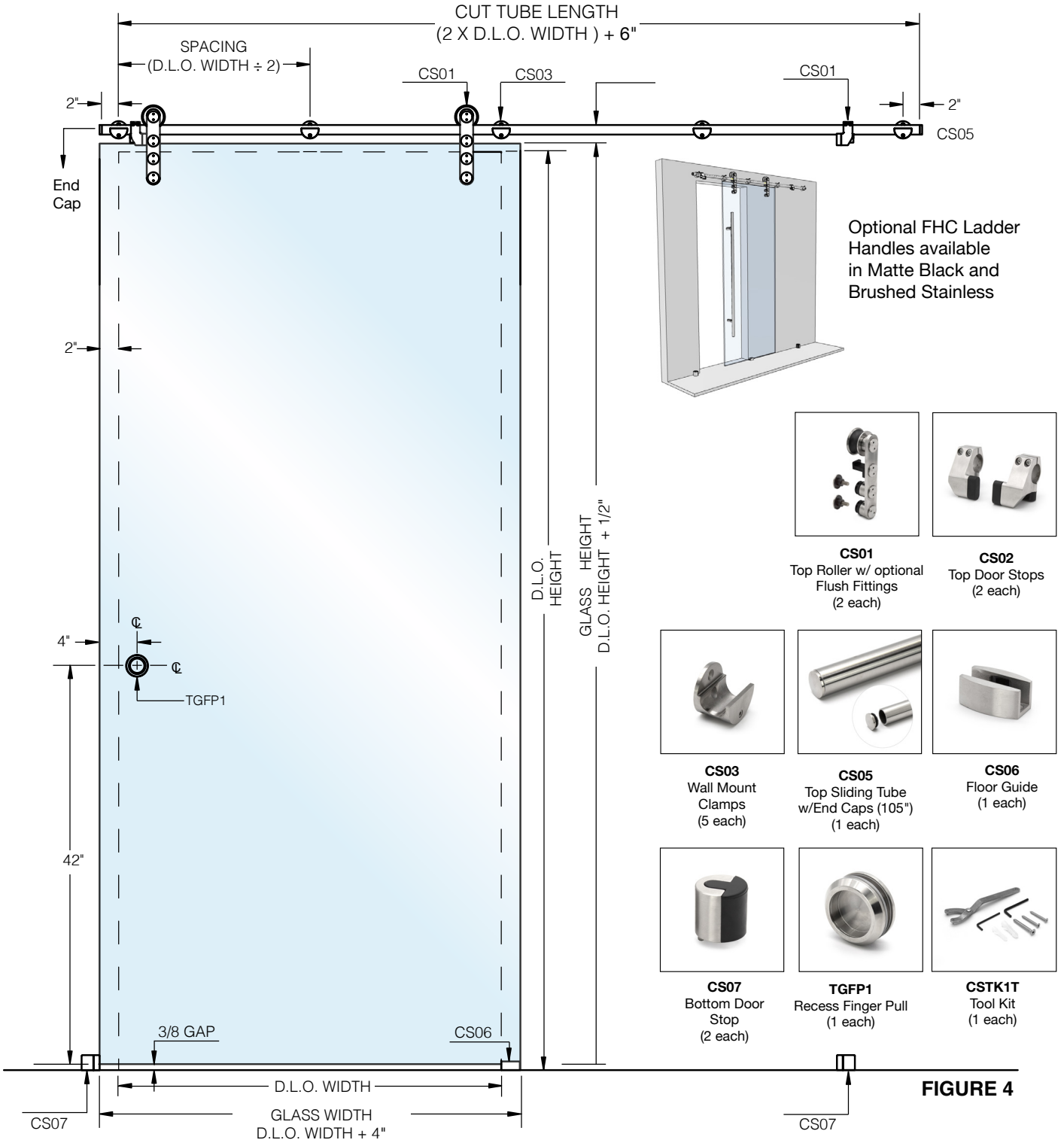


FIGURE 4

FHC
FRAMELESS HARDWARE COMPANY
THE GLAZING SUPPLY COMPANY

P.O. Box 1906, South Gate, CA 90280 Toll Free: **(888) 295-4531** | Fax: **323 336-8307** | Web: **fhc-usa.com**