

Steel Workstation Sinks and Work Surfaces

Thank you for purchasing one or more of the Hamilton Scientific line of steel work station base units. Hamilton Scientific strives to produce the finest quality products to meet your needs.

Note: There are various models of work station base units, tops and sinks available which vary in length, width and depth. For quick service when ordering damaged or replacement parts, make sure you have a complete description and model No. of your unit. Upon receiving shipment, examine each carton for damage. If damage occurred during shipment, notify the carrier immediately. Refer any questions or problems for damaged or replacement parts to our **Customer Service Department at:**

Hamilton Scientific
1716 Lawrence Drive, STE 1
De Pere, WI 54115
Phone: 920.793.1121

Note: Before starting assembly, make sure you have the proper tools and required materials available. Also make sure you are wearing appropriate safety equipment when using all hand or power driven tools.

Tools Required: (Not Included)

Tape Measure
Screwdrivers – Phillips head and flat head
Electric Drill with a Set of Drill Bits
Center punch
Bubble Type Level
Square
Wrenches- Open End or Box
Socket Wrench Set- 3/8" or 1/2" Drive
Clamps
Chalk Line
Marking Device (Pencil, Scribe, etc.)

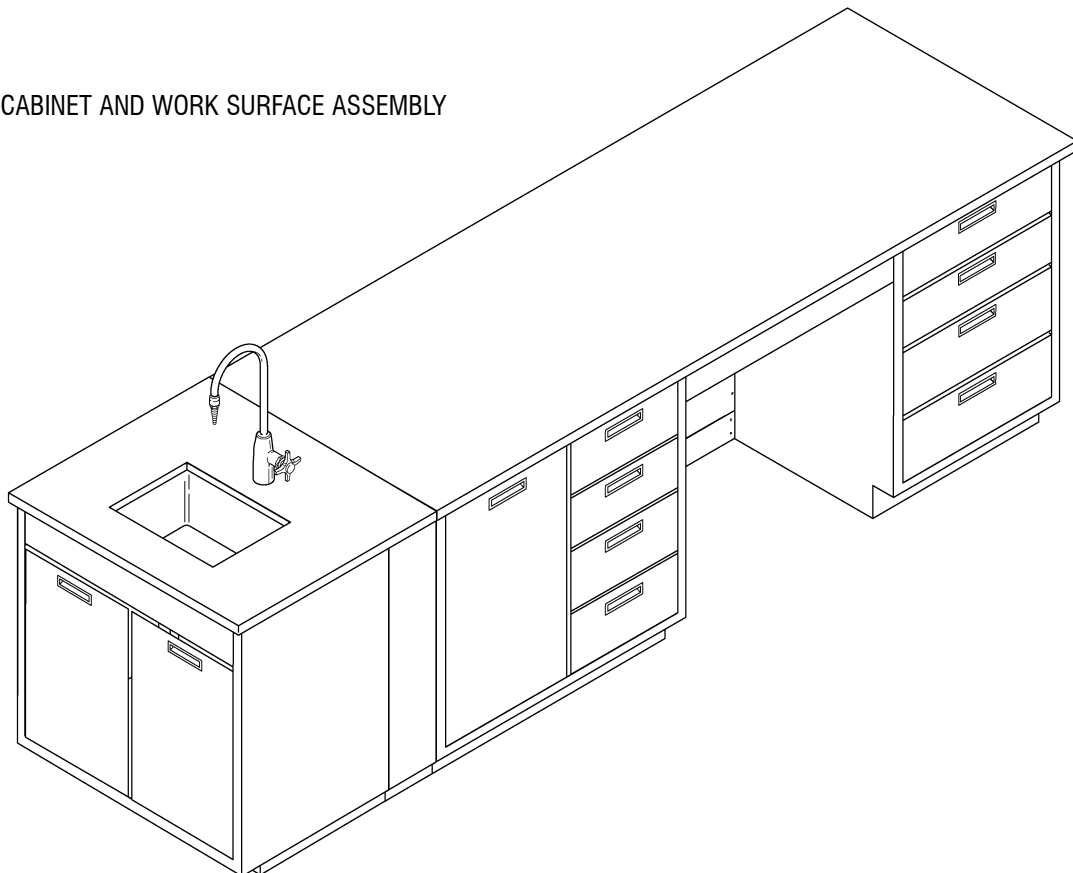
Material Included:

100% Silicone Adhesive

Materials Required (Not Included)

Denatured Alcohol
Rags
Long Boards (For Leveling)
Masking Tape

TYPICAL CABINET AND WORK SURFACE ASSEMBLY



STEEL WORKSTATION SINKS AND WORK SURFACES
INSTALLATION INSTRUCTIONS

A – Considerations Before Installing Sinks and Tops

1. It is assumed at this point that all base units or cabinets have been properly positioned in the room or area.
2. All (Gas, Water & Sewer Lines etc.) have been brought into the base units or cabinets.
3. All base units have been properly leveled with no high spots.

B – Installing Sinks to Units with Epoxy Tops Only

Note: See Section-F for Installing Sinks to Chemsurf Tops

(Refer to Fig. 1)

1. Locate the sink (1) and related sink mounting hardware (Items 2-5). Note the dashed "J" channels have been previously attached at the factory to all sink base units.
2. Open or remove any doors or drawers. Remove any shelving.

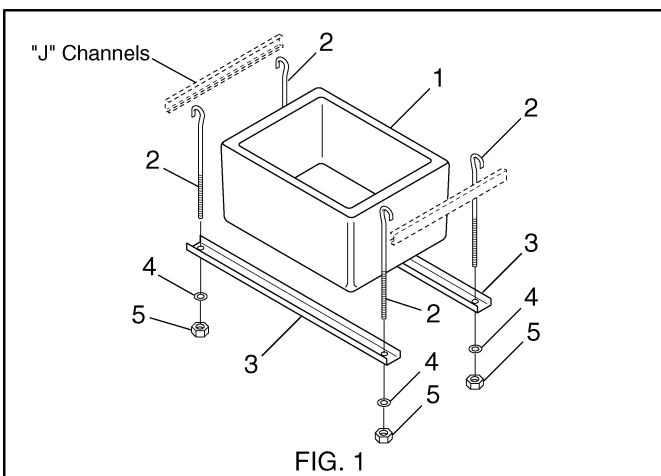


FIG. 1

(Refer to Fig. 2)

3. Insert two "J" hooks (2) through the holes in each "U" channel (3).
4. Thread a nut (4) approximately one inch onto each "J" hook.

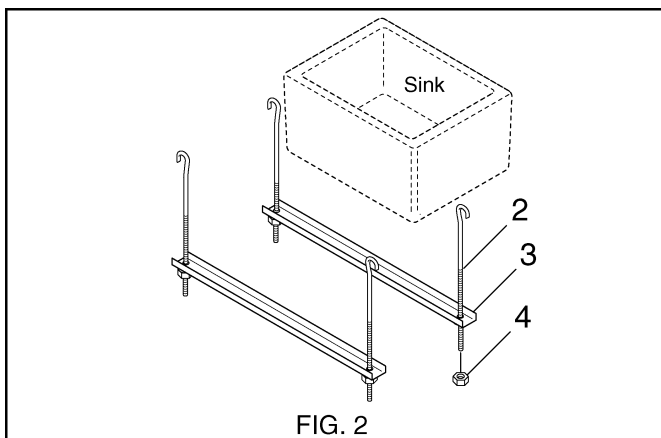


FIG. 2

(Refer to Fig. 3)

5. Hook the "U" channel and "J" hook assemblies (Items 2, 3 and 4) onto the "J" channels located on the inside of the base unit or cabinets.

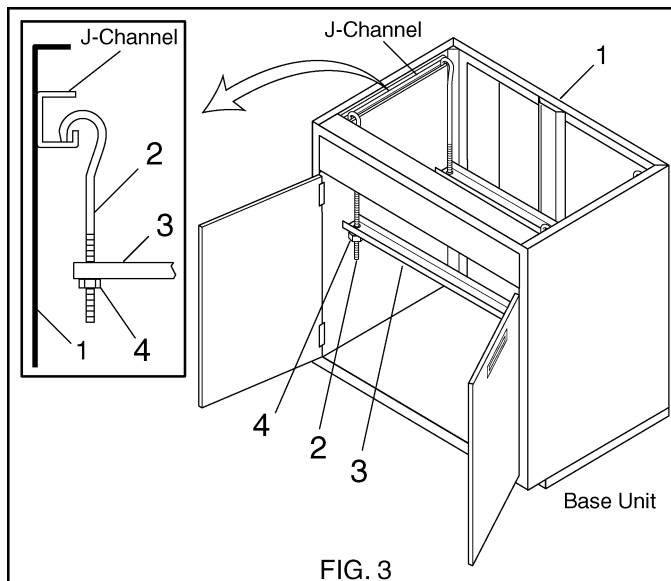


FIG. 3

(Refer to Fig. 4)

6. Locate the sink (1) and carefully set it onto the "U" channel assemblies previously attached.
7. Adjust the four nuts (4) evenly raising the sink (1) until the sink is about 1/4" from the base unit top.
8. Place long construction levels or straight boards across the top of the base unit. Continue adjusting the four nuts until the sink is flush or within 1/16" from the bottom of the levels or boards.
9. Remove the levels or boards.

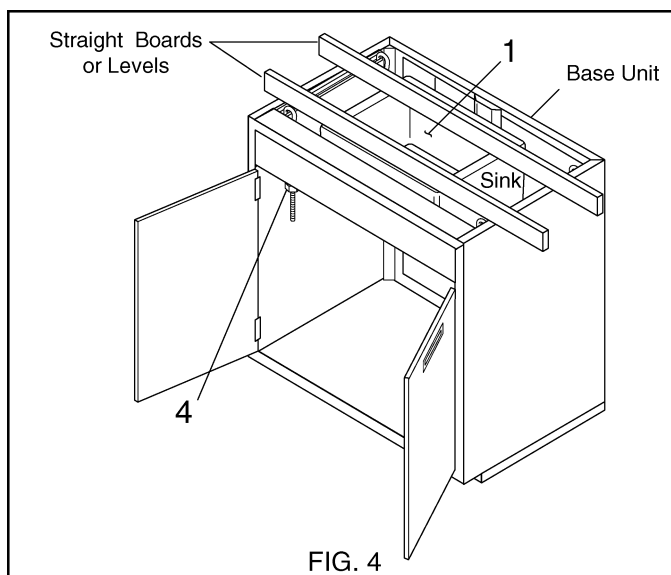
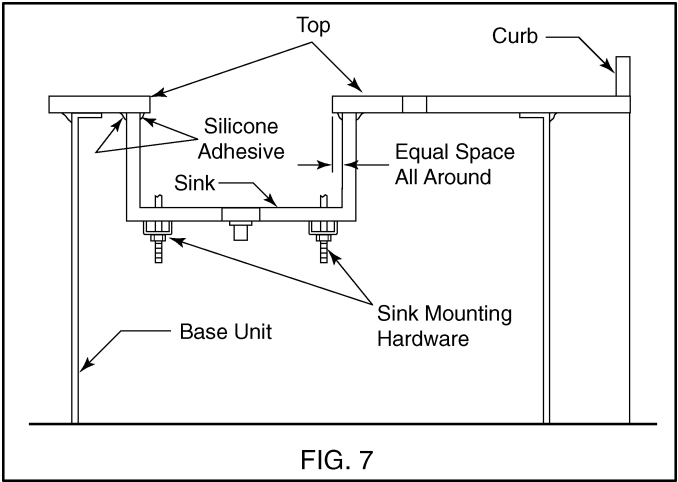
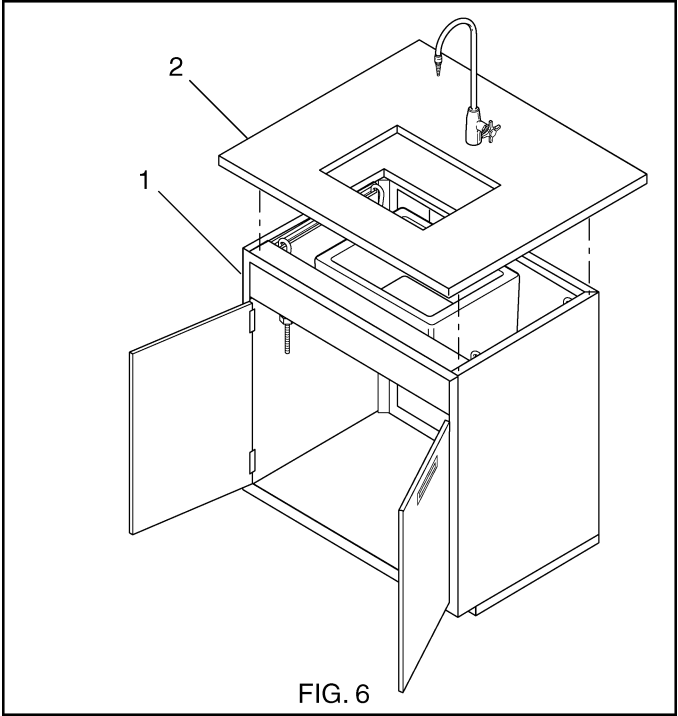
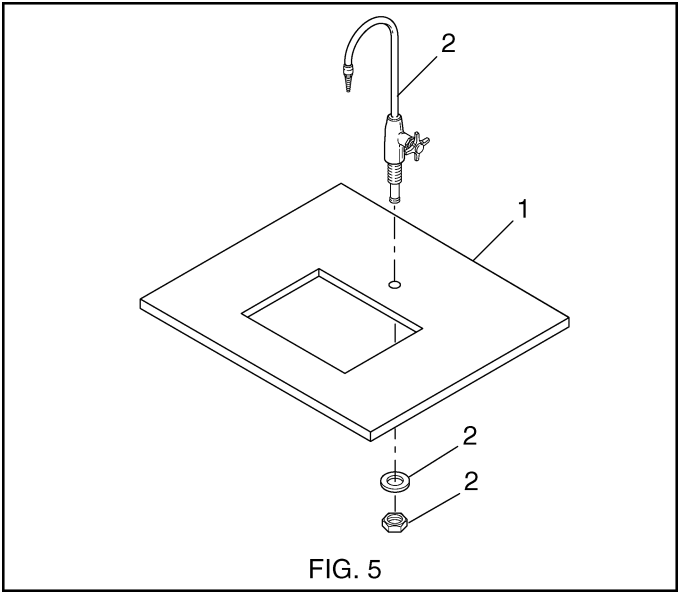


FIG. 4

the top edges of the base unit with a clean rag and denatured alcohol. Allow to dry.

STEEL WORKSTATION SINKS AND WORK SURFACES INSTALLATION INSTRUCTIONS

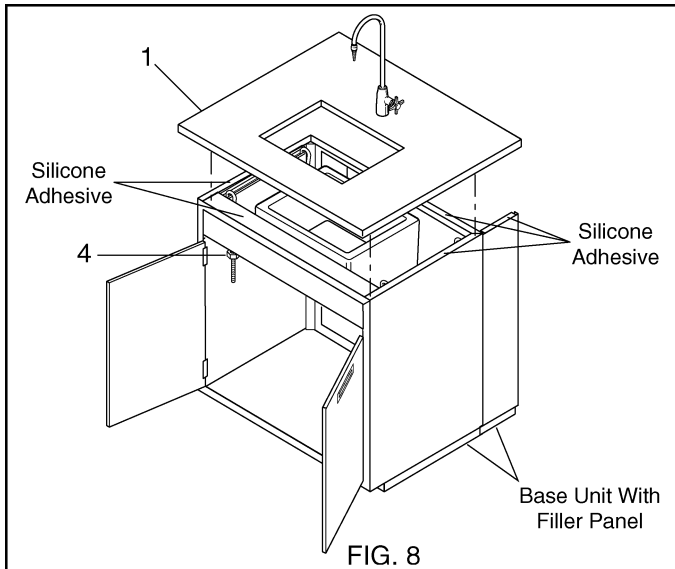


for proper sink alignment. Clamps may be used to hold the top in place. Weights may be used as an alternate if there is no room to attach clamps.

STEEL WORKSTATION SINKS AND WORK SURFACES INSTALLATION INSTRUCTIONS

(Refer to Fig. 8)

12. Apply a continuous bead of clear silicone adhesive to the top edge surface or flanges of the base unit and the rim of the sink. Also to filler panels if used.

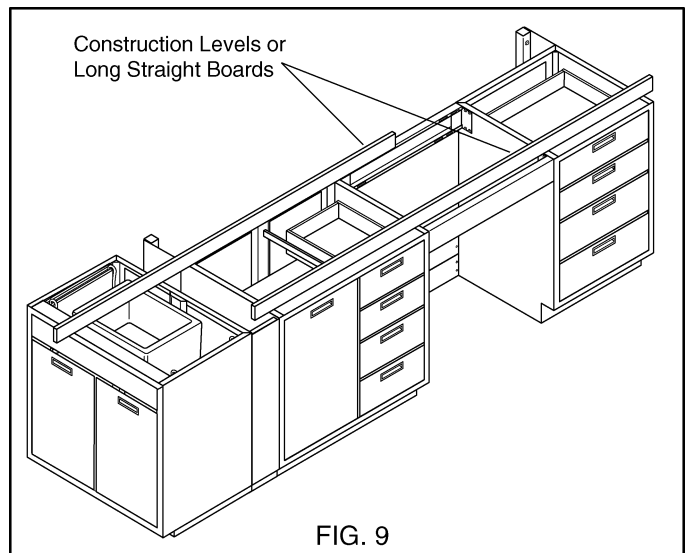


13. Carefully reposition the top (1) back onto the base unit or cabinet assembly. Check to make sure the overhang is still correct. Be sure the sink is still properly aligned.
14. Bar clamps or "C"-clamps may be used to clamp the tops in place where openings are available for attaching clamps. If there is no room for attaching clamps, weights may be placed evenly across the top.

15. Allow adhesive to cure over night undisturbed.

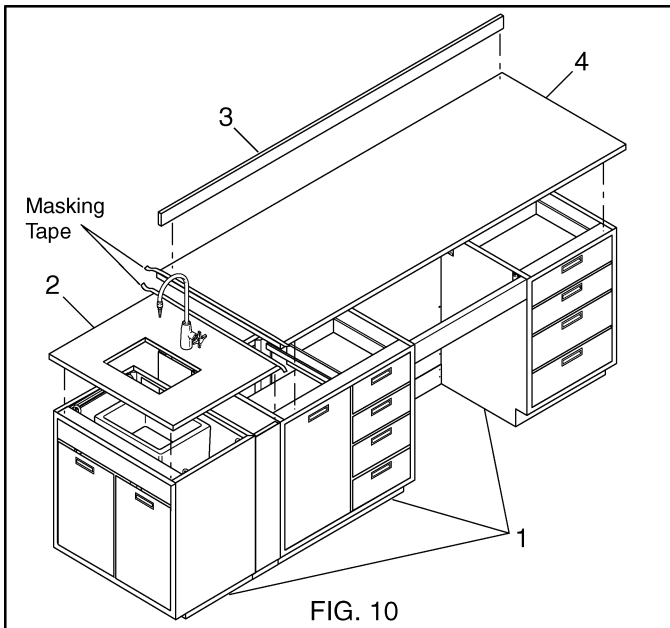
Note: Alternate method of attaching sinks and tops

16. Loosen the four nuts (4) on the sink mounting hardware lowering the sink approximately one inch.
17. Clean the under side of the epoxy top (1) and the sink rim with a clean rag and denatured alcohol. Also clean the top edges of the base unit. Allow to dry.
18. Apply a continuous bead of clear silicone adhesive to the top edge surface or flanges of the base unit or cabinet. Also to filler panels if used.
19. Carefully position the top onto the base unit or cabinet assembly. Check to make sure overhang is correct. See Step-4. Clamp or weight the top Step-14.
20. Apply a continuous bead of silicone adhesive around the top rim of the lowered sink.
21. Carefully tighten the four nuts (4) on the sink mounting hardware raising the sink until a water proof seal is made on all sides of the sink. Reposition sink if necessary for equal space from epoxy top cutout edges to inside sink surfaces.



STEEL WORKSTATION SINKS AND WORK SURFACES INSTALLATION INSTRUCTIONS

12. Locate the next epoxy top (4) and make sure the under side has been cleaned with a rag and alcohol.
13. Apply a continuous bead of clear silicone adhesive to the top edge surfaces or flanges of the base unit and also to filler and Knee space panels if used.



14. Mask both top edges with masking tape at the seams. This will allow a cleaner joint and easy clean up. Apply a bead of silicone adhesive to the edge that will butt against the previously attached top (2) from Step-10. Note: A colored adhesive that matches the tops may be used instead of the clear adhesive. Example: Black silicone adhesive for black tops.
15. Carefully reposition the top (4) back onto its respective base unit or cabinet (1). Slide the top (4) tightly against the previously installed top (2). Remove any excess adhesive leaving a clean smooth water proof seam. Remove the masking tape.
16. Check to make sure that all the tops are properly aligned and are laying flat. Clamp the top in place or use heavy weights evenly distributed across the top.
17. Repeat the previous steps for adding additional tops.

E – Installing Curbs (Back Splashes)

(Refer to Fig. 10)

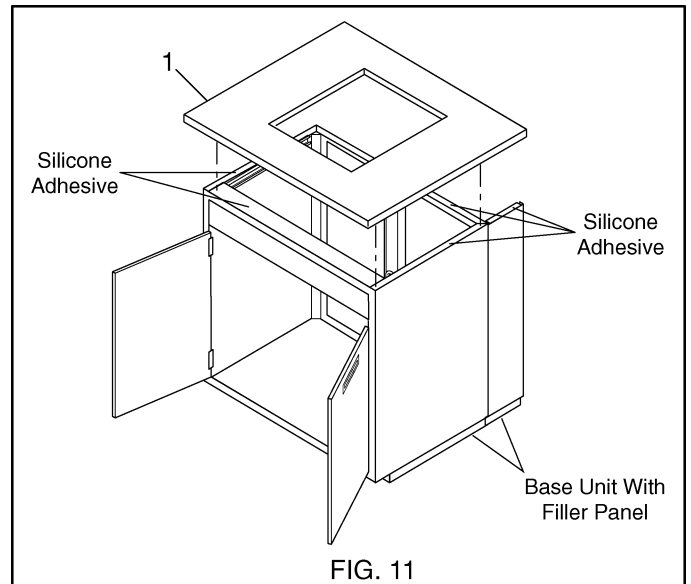
1. Apply a bead of silicone adhesive to the bottom of the curb (3) and carefully set it at the rear edge of the epoxy top (Items 2, 4).
2. Make sure the curb (3) is centered on, and flush with the back edge of the top assemblies (Items 2, 4).
3. Use a square to make sure the curb is square with the top. Brace or lightly clamp the curb in this position until the adhesive is cured.

4. Clean any excess adhesive making a clean smooth joint. Allow to cure over night.

F – Installing Chemsurf Tops

(Refer to Fig. 11)

1. Locate the chemsurf top and make sure it is oriented correctly.
2. Make sure the sink cutout opening matches the sink to be installed.

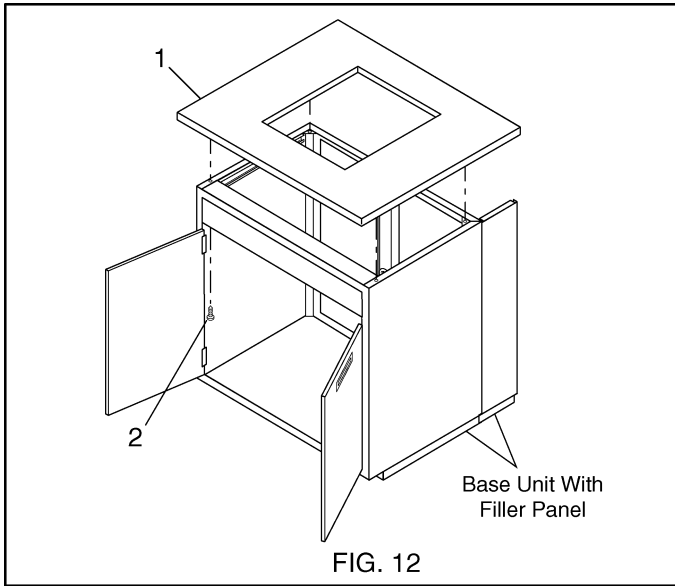


3. If the sink cutout is to be made in the field, locate and mark the correct position from left to right and front to back.
4. Carefully and accurately make the cutout $\frac{3}{4}$ " less than the width and length of the overall size of the sink rim outline. Example: a 12" x 15" sink will require an 11- $\frac{1}{4}$ " x 14- $\frac{1}{4}$ " cutout.
5. Two methods may be used to attach chemsurf tops to the base units or cabinets.
6. Method One: Chemsurf tops may be attached in a similar manner as epoxy tops following the previous steps in Sections A thru E using silicone adhesive. Note: The sink mounting procedures are different.

(Refer to Fig. 12)

7. Method Two: Requires attachment to the base units using No.10 screws inserted through predrilled holes in the base unit or cabinet top flanges.
8. Make sure the top (1) is aligned and adjusted with the proper amount of overhang. See Section- C
9. Secure the top (1) with the required number of No. 10 x $\frac{3}{4}$ " phillips pan head screws (2) supplied. Note: the size of the top will determine the number of screws required.

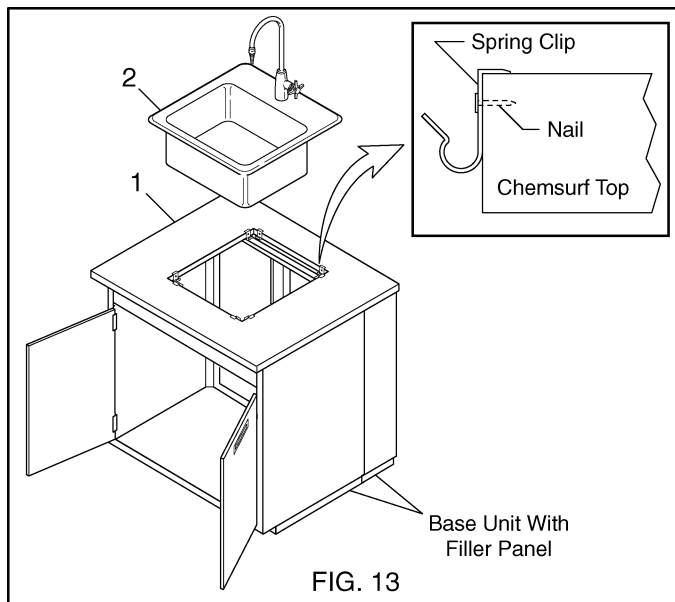
STEEL WORKSTATION SINKS AND WORK SURFACES
INSTALLATION INSTRUCTIONS



G – Installing Chemsurf Grip Rim Sinks

(Refer to Fig. 13)

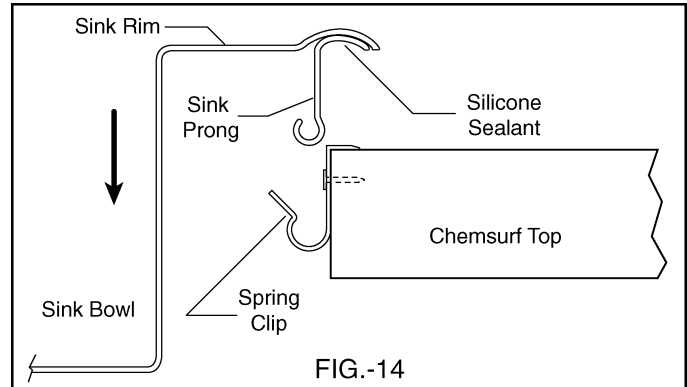
1. Two spring clips should be located approximately 1" away from each cutout corner. Any remaining clips should be spaced evenly around the cutout.



2. Nail spring clips to the inside corners of the chemsurf top cutout. Make sure the top flange of the spring clips set flush on the top to serve as a guide and to keep the clip straight. Drive nails all the way in.
3. If desired, the fixtures and drain may be attached to the sink at this time.

(Refer to Fig. 14)

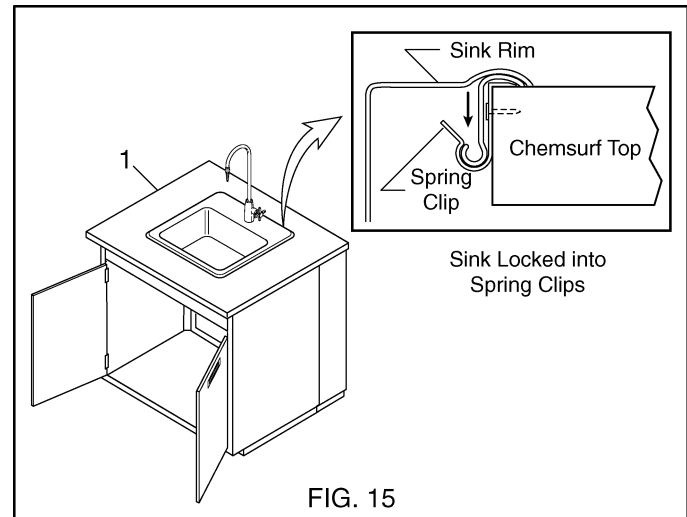
4. Apply a continuous light bead of silicone sealant to the under side of the sink rim at the outer edge of the self rim bead.



5. Carefully position the sink into the cutout so that the downward prong rests on the spring clips.

(Refer to Fig. 15)

6. Push down firmly on two sides of the sink rim and the sink assembly will snap snugly into place. Remove excess sealant.



7. To remove the sink, do not pry it out from the top as this will damage the rim and possibly the Chemsurf top.
8. Sink removal is accomplished by striking the bottom of the sink bowl sharply with the heel of your hand or a soft rubber mallet, first on one side and then the other. Note: do not use hard objects.
9. This completes assembly of the tops and sinks.