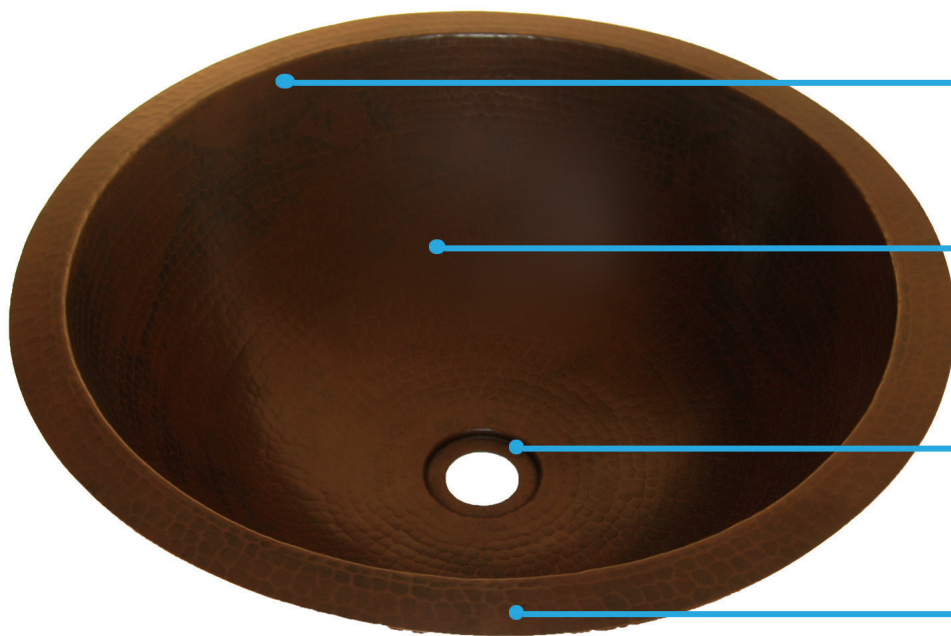




NOVATTO

WHERE STYLE FLOWS

Copper Sink Guide



Copper Thickness
16 - 18 guage

100% Recycled & Lead Free
For Purity & Personality

Drain Opening
1.5" Standard

Installation
Drop-In or Undermount

THANK YOU

We would like to take this opportunity to thank you for choosing Novatto. We hope you are truly satisfied with our product(s) and enjoy it for years to come. As a small business, we learn the most from you, the customer. Please visit the link below to leave us a review and we'll reward you with a \$25 Amazon or Visa gift card.

It's easy as...

- Go to novattoinc.com
- At the top, click *Product Registration*
- Find your product model
- Review, submit and enjoy

COPPER SINKS 101

Novatto's master artisans who make our beautiful copper sinks start by melting down recycled copper and then pour the liquid copper into molds in order to create copper sheets. All of our products are 100% hand hammered from recycled copper. This tradition of copper crafts and artwork has been handed down from generation to generation by the families of our artisans since the 1500's. A typical sink takes 30,000 hammered strikes to complete. Through years of skill and experience passed down from generations the end result is a one of a kind work of art. Novatto's copper sinks are an excellent way to add value to your existing home no manmade material can ever do.

Each piece of copper features its own natural beauty of color, structural character and texture adding a sense of purity, elegance and distinctive look to any design. Copper sinks can be used either in powder rooms as a centerpiece or in a master bedroom for everyday use. Hand hammered copper cannot be compared to the everyday synthetic porcelains and ceramics.

TOOLS NEEDED FOR ASSEMBLY

(not included)



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 844.404.4242, 8:00 a.m. - 5 p.m., MT, Monday - Friday. Or email us at: support@novattoinc.com

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INSTALLATION INSTRUCTIONS

Please Note:

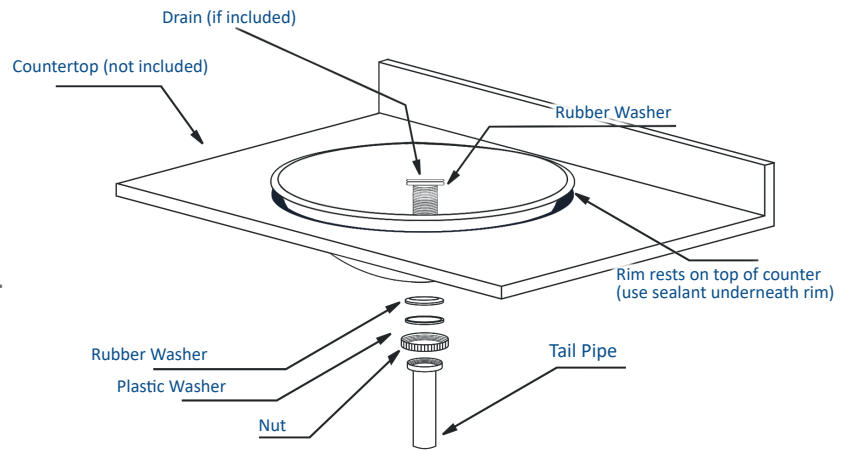
- Review and abide by all building and plumbing codes.
- Novatto sinks need to be installed by a professional.
- Some counters require different cutting methods; seek the details of your chosen countertop material.
- Check to make sure the sink is sealed watertight.
- Use non-abrasive cleaners when cleaning up.
- Allow adequate room for faucet and backsplash when laying out the sink

Steps to Complete Your Drop-in Sink Project

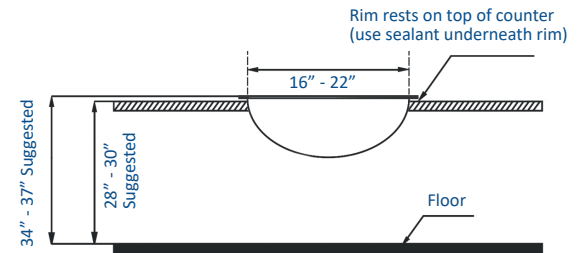
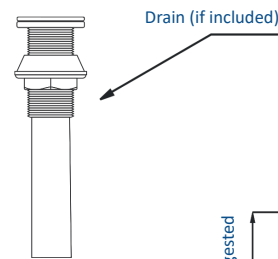
- **For layout**, use the actual basin as your template. Place it upside down on counter and mark countertop by tracing edge of the sink. Allow clearance for faucet and other accessories.
- **Measure *inside edge*** of lip and mark the countertop accordingly
- **Cut counter** midway in-between the two lines. Before applying silicone, place the sink in the cut-out to ensure a nice fit.
- **Apply silicone** around cut-out on countertop, and place sink in cut-out.
- **Use a level** to ensure the sink is level in every direction.
- **Carefully** remove any excess silicone
- **Install the drain** according to specs when the sink has fully set.
- **When cleaning** do not use abrasive cleaners.

Drop-In Models:
TCU-001, TCU-002, TCU-003, TCU-004, TCU-005, TCU-006,
TCU-013, TCU-014, TCU-018

DROP-IN ASSEMBLY



DO NOT OVER TIGHTEN THE DRAIN!



TOOLS NEEDED FOR ASSEMBLY (not included)



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TROUBLESHOOTING TIPS DROP-IN

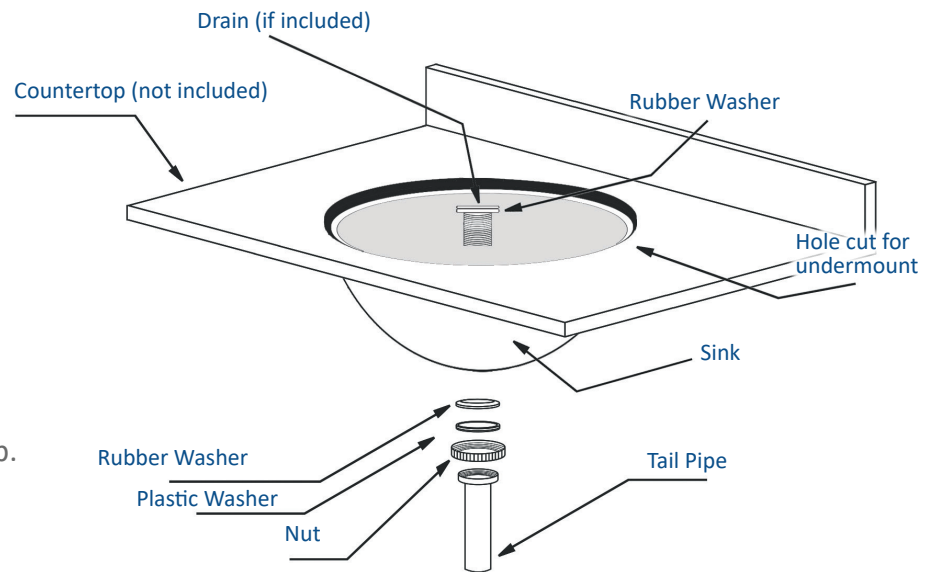
Issue	Reason	Solution
Finish is changing color or is shiny	Abrasive cleaners, soaps or other factors constantly in contact with finish.	Stop using abrasives. Finish will heal over time.
Does not completely drain	Drain is too high, wrong seal used	Make sure correct seal is used and is below bevel
Leakage under sink	Drain has come loose	Tighten the fastener under the counter

INSTALLATION INSTRUCTIONS

UNDERMOUNT ASSEMBLY

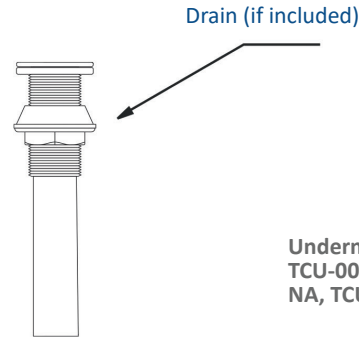
Please Note:

- Review and abide by all building and plumbing codes.
- Novatto sinks need to be installed by a professional.
- Some counters require different cutting methods; seek the details of your chosen countertop material.
- Check to make sure the sink is sealed watertight.
- Use non-abrasive cleaners when cleaning up.
- Allow adequate room for faucet and backsplash when laying out the sink



Steps to Complete Your Undermount Sink Project

- **For layout**, use the actual basin as your template. Place it upside down on counter and mark the countertop by tracing edge of the sink. Allow clearance for faucet and other accessories.
- **Measure *inside* edge** of lip and mark counter accordingly.
- **Cut countertop** on inside line. Before applying silicone, place the sink under the cut-out to ensure a nice fit.
- **Apply silicone** around hole on underside of countertop, and position sink accordingly. Mounting clips may be used for extra support if desired.
- **Carefully** remove any excess silicone.
- **Install the drain** according to specs when the sink has fully set.
- **When cleaning** do not use abrasive cleaners.



DO NOT OVER TIGHTEN THE DRAIN!

Undermount Models:
TCU-001AN/NA, TCU-002AN/NA, TCU-004AN/NA, TCU-006AN/NA, TCU-018AN/NA

TOOLS NEEDED FOR ASSEMBLY (not included)



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TROUBLESHOOTING TIPS - UNDERMOUNT

<u>Issue</u>	<u>Reason</u>	<u>Solution</u>
Sink seems to be sagging / seperating from countertop	Silicon didn't set long enough before using; mounting clips not used	Reseal, set for 24hrs; add clips or brackets to secure the sink
Does not completely drain	Drain is too high, wrong seal used	Make sure correct seal is used and is below bevel
Finish is changing color or is shiny	Abrasive cleaners, soaps or other factors constantly in contact with it.	Stop using abrasives. Finish will heal over time.

CARE AND MAINTENANCE

Copper has been used for thousands of years and is easy to maintain since it does not show fingerprints as stainless steel and other metals would. For basic cleaning, simply use a mild soap and water as other cleaners typically are not necessary. Products such as Renaissance Wax or Flitz Wax may be applied to the copper surface periodically to give it lasting protection. These suggested seals will help maintain the luster of the copper and provide better water runoff. Leave the water running while working with acidic foods or pastes to avoid any reaction.

Copper is a living metal and the patina of our Antique and Natural finishes will all naturally continue to patina over time; meaning they may become a richer, darker color. However, if you would like to keep the copper sink looking like it did when first installed, we recommend waxing the sink every 2-3 months. Our copper sinks are not lacquered or sealed in the manufacturing process and will react to their environment as they develop character. If acidic items such as lemons, ketchup, or red wine sit on these finishes for an extended period of time the finish may be affected, but since copper is a living metal it will heal or re-patina itself over time; often in a matter of days. The beauty of copper is it is ever changing and no two pieces are ever alike giving you a one of a kind work of art!

Warning: Copper sinks can be harmed using some copper cleaners. Copper cleaners can scratch the surface and be abrasive on a copper sink. Also, do not use corrosives such as chlorine, concentrated vinegar or abrasive cleaners.

Copper Drop-In or Undermount Sinks

Will my copper product from Novatto turn color over time?

Novatto's finish is not waxed or sealed. Since copper is a living material it can tarnish or darken with time. Remember, copper will always react to how it is used and its surrounding environment.

What gauge of copper is used in my copper sink?

All of Novatto's kitchen, bar and prep copper vessels are all made from 16 gauge copper, while a select few bathroom undermount sinks are made from 18 gauge copper.

FAQs

What is Patina or a Living Finish?

The beauty of copper is its living finish or patina. It builds overtime and works as a protective coating. The patina is a rich weathered finish with light and dark tones complementing each other and creating the unique effect of copper. It is also what gives copper its natural anti-bacterial properties. Certain chemicals and products can strip the patina and remove the finish, leaving your sink shiny: Acids, Drano, Soft Scrub or Clorox Bleach. However, because it is a living finish, it will heal itself. Over time the copper sink will gradually return to the rich brown color and cover up spots or scratches.

Do your copper sinks have overflows?

No, none of our copper sinks have overflow holes.

Are there clips included with my copper undermount sink?

Novatto does not provide sink clips and you may not be needing them depending on the installation. Mounting clips may be provided, though, by any professional installer.

Considering these are handmade what differences should I expect?

All our copper sinks are handmade from natural copper so variations in size or color are common. A size allowance of 1/2-inch is expected.

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More questions? Feel free to contact our technical support team anytime. More info is also available at our website.

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WARRANTY

Novatto products have been made under the highest standards of craftsmanship and quality. Due to the natural character of our handcrafted copper products and artisan process, variations in dimensions, color, surface, hue, hammering uniformity and finishes are expected and not considered defects. These variations are more evident in our “natural finish” where some pieces will have variable areas of more black or brown. Novatto offers no warranty with respect to the finishes on the copper products, as the living finishes naturally change over time. Novatto’s copper sinks offer a warranty for defects in workmanship and/or materials for all of our collections when the product was purchased through an authorized Novatto dealer.

Under no circumstance will Novatto or Novatto Inc. be held responsible for any damage as a result during or after product installation. We will not be responsible for any labor or installation charges, or any other expenses associated with a defective product. Novatto’s only responsibility is the replacement, exchange, or repair of a defective product.

If you believe you have a warranty claim, contact Novatto, either through your local Dealer, Plumbing Contractor, Home Center, or by writing: Novatto, Inc., Attn.: Product Support, 3533 E. Corona Ave., Phoenix, AZ, 85040, USA. Please be sure to provide all pertinent information regarding your claim, including a complete description of the problem, the product, model number, color, finish, the date the product was purchased and from whom the product was purchased. Also include your original invoice. For other information, or to obtain the name and address of the service and repair facility nearest you, email: support@novattoinc.com or write to the above address.

Get the most out of your Novatto sink by registering!

By registering, you verify Novatto product’s warranty. Plus you will receive helpful tips and product information, learn of special events and much more.

Since copper is a living material each piece is unique and one of a kind. Due to the unique handcrafted art of Novatto’s copper products, the tolerance in size of our sinks is +/-0.5” and for our bathtubs it is +/-1.0”. To be sure Novatto’s product fits perfectly in your home; we recommend purchasing the product first and fabricate according.

Warning: Do not use corrosives such as chlorine, vinegar, abrasive cleaners, copper cleaners, harsh chemicals and citric acids like lemon or orange juice, or anything with ammonia or acid. These substances may remove the patina finish of a copper sink. However, if an acidic product removes some of the patina, do not worry the patina will return over time due to its living properties.

Need more help?

Feel free to contact our technical support anytime at 844.404.4242 or email us at: productsupport@novattoinc.com. More information is also available at: www.NovattoInc.com.



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