

Kräus[®]

INSTALLATION MANUAL

Forteza™ Series Granite Kitchen Sinks

KGD-50 / KGD-52 / KGD-54 / KGU-55

Congratulations on the purchase of your new Kraus® plumbing fixture!

Please keep the box and packaging materials until your product is completely installed. If you have any questions, require technical assistance or have any problems with your product:



DO NOT RETURN TO STORE

**Please contact our Customer Service Team
1-800-775-0703 / customerservice@kraususa.com**

Have the model number available and retain a copy of your receipt with purchase date for reference.

If for any reason this product does not meet your expectations, please be sure to repack this product in the original box and packaging material to avoid damage during transit.



Please Note:

- KGUs can be installed undermount only (Option B)
- KGDs can be installed top mount and undermount (Options A & B)

Prior to Installation:

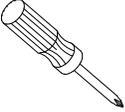
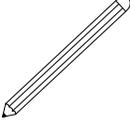
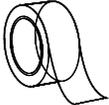
- Make sure that you have all necessary parts by checking the parts list. If any part is missing or damaged, please contact Kraus® Customer Service at 800-775-0703 for a replacement.
- Inspect the sink prior to installation to make sure that it has not been damaged during shipping.
- Read all instructions and safety warnings and ensure you have all tools, parts, and equipment necessary for a safe installation.
- Use the cut-out template provided by Kraus.
- Observe all plumbing and building codes according to your state requirements.
- To reduce the risk of personal injury, wear eye protection complying with ANSI standard Z87.1+ and cut resistant gloves complying with EN388 with non-slip grip when cutting or drilling, or when handling the sink and wear closed toe shoes at all times during installation.
- **Note:** Maximum countertop thickness for Top Mount installation is 1 3/4".
- **Note:** Before installation, please check that the drain kit complies with ASME A112.18.2/CSA B125.2 and with CUPC certification.

For technical assistance or replacement parts, please contact Kraus Customer Service and one of our representatives will be happy to help:

Toll-Free: 800-775-0703 or customerservice@kraususa.com

While these step-by-step instructions are intended to assist in the safe installation of a Kraus sink, this product is likely to perform best when installed by a licensed professional. The failure to follow these instructions or to hire a professional when needed may result in personal injury or property damage and may void the warranty.

Tools you will need

					
Safety Goggles	Drill	Silicone Adhesive	Jig Saw	Hammer	Cut Resistant Gloves
					
Phillips Screwdriver	Tape Measure	Pencil	Masking Tape	Hole Saw	Closed Toe Shoes

NOTE: Specialized tools may be necessary to install Kraus® Quartz Composite Kitchen sinks with countertop materials other than wood, marble or granite.

Parts List

KGD-50

- Cut-Out Template
- Mounting Hardware
- Strainer ST-2 x2
- Silicone Mitt KSM-1BLACK
- Silicone Trivet KST-1BLACK

KGD-54

- Cut-Out Template
- Mounting Hardware
- Strainer ST-1G
- Silicone Mitt KSM-1BLACK
- Silicone Trivet KST-1BLACK

KGD-52

- Cut-Out Template
- Mounting Hardware
- Strainer ST-2 x2
- Silicone Mitt KSM-1BLACK
- Silicone Trivet KST-1BLACK

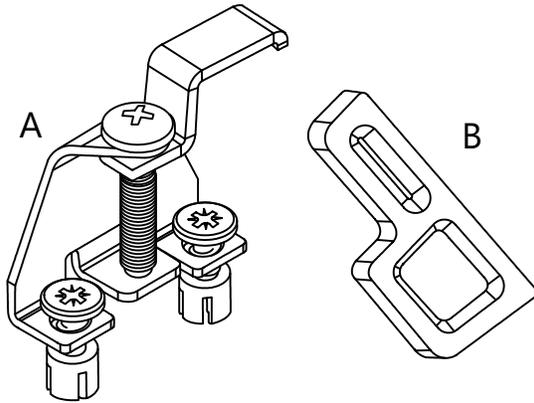
KGU-55

- Cut-Out Template
- Mounting Hardware
- Strainer ST-1G
- Silicone Mitt KSM-1BLACK
- Silicone Trivet KST-1BLACK

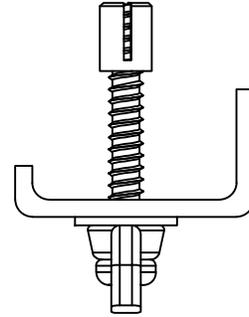
Cleaning & Maintenance:

Clean your sink on a regular basis with warm soapy water. Rinse the sink after using cleaning products. Wipe the sink surface with a soft cloth to remove any liquid residue. Do not cut food directly on the surface of the sink. Do not leave sharp objects on the surface of the sink for an extended period of time. Do not use abrasive cleaning products, sanding tools, steel wool or bleaching products as use of such products may affect product performance or void the warranty.

Hardware (Included)



Kit for Drop-In
Installation



Kit for Undermount
Installation

Replacement parts list

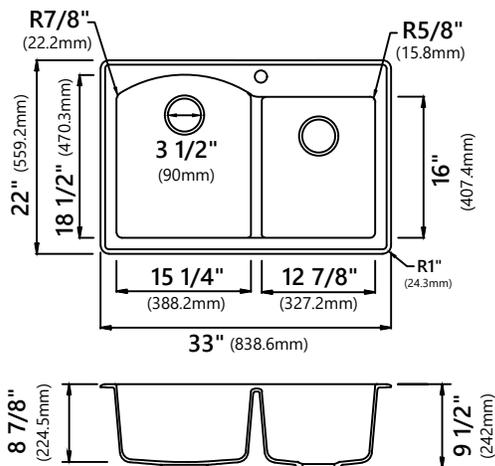
KP31045 - Top Mount Clips (6 hooks) V2

KP31003 - Undermount Clips (10 hooks)

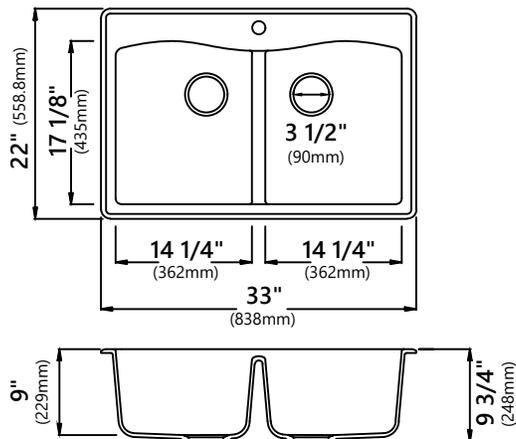
Important

- Instructions may vary depending on countertop material. Read all instructions carefully, and ensure that counters are compatible with sink installation before proceeding.
- Follow the plumber's code and builder's code effective in your area.
- Shut off water valves prior to installation.
- Open sink packaging and verify that the sink is in perfect condition. Put sink back into packaging to protect it until time of installation.
- To replace an existing sink, make sure that the cut-out hole in the counter is of an adequate size to fit the new sink.

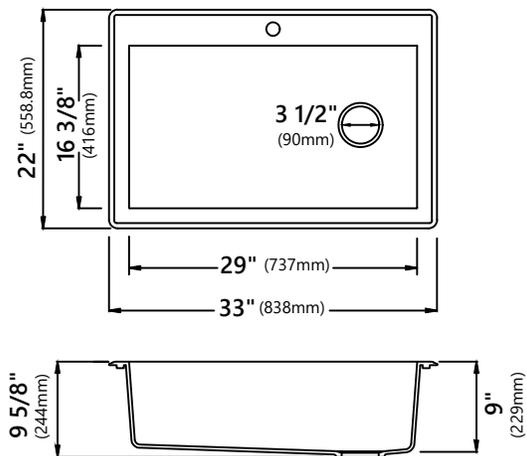
Dimensions



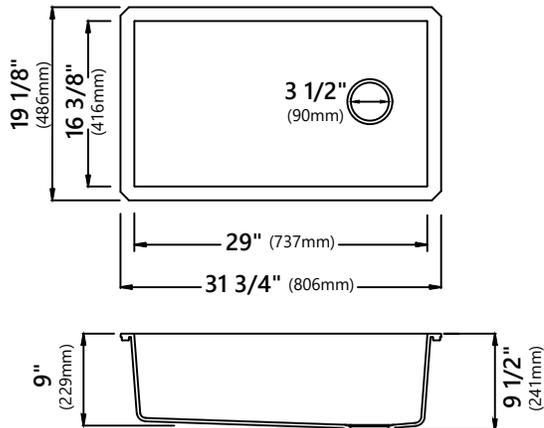
Model #: KGD-50
Sink Dimensions: 33" x 22" x 9 1/2"
Min Cabinet Size: 36"



Model #: KGD-52
Sink Dimensions: 33" x 22" x 9 3/4"
Min Cabinet Size: 36"



Model #: KGD-54
Sink Dimensions: 33" x 22" x 9 5/8"
Min Cabinet Size: 36"



Model #: KGU-55
Sink Dimensions: 31 3/4" x 19 1/8" x 9 1/2"
Min Cabinet Size: 36"

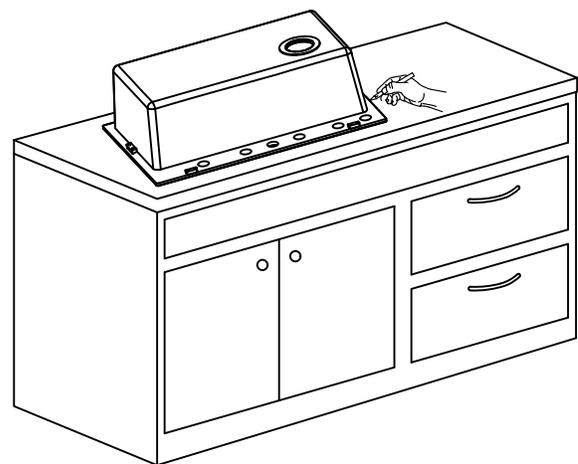
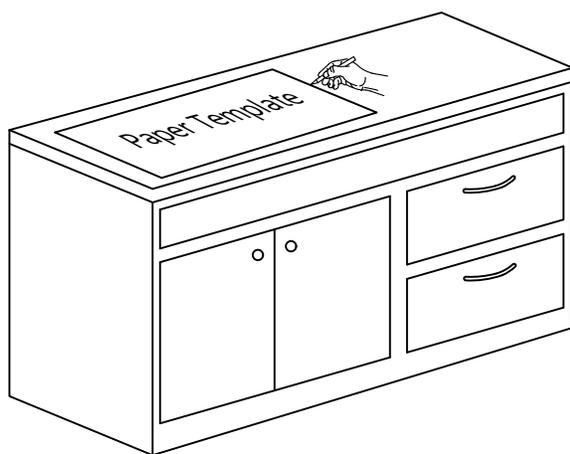
Option A: DROP-IN INSTALLATION

1. Trace Opening

- Locate the drop-in template in the box.
- Cut carefully along the dotted lines. Keep the inside portion of the template. It contains important information concerning care and maintenance for your new sink.
- Place the template on the counter, in the location where you will be installing the sink. When placing the template, note the location of cabinet doors and panels to ensure that they are compatible with sink installation. Make sure that there is enough space for water supply installation. Identify the location of the faucet and soap dispenser.
- Fix the template to the counter using masking tape.
- Trace the inside of the template with a pencil. Remove the template from the countertop.

OR

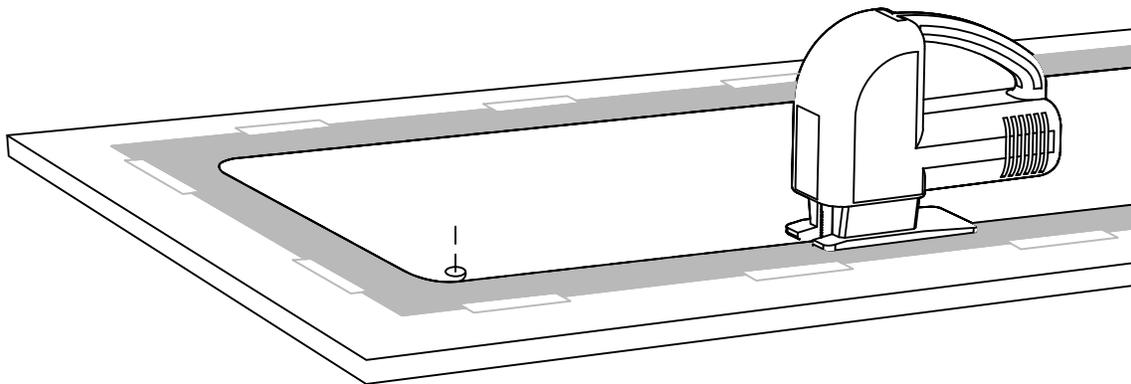
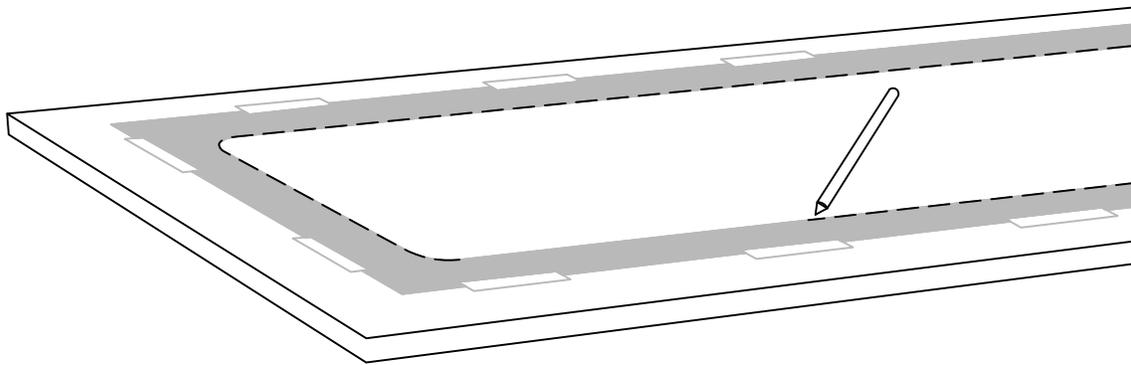
- Turn the sink upside down and place it on top of the counter. Note the location of cabinet doors and panels to ensure that they are compatible with sink installation. Make sure that there is enough space for water supply installation. Identify the location of the faucet and soap dispenser.
- Trace the outer edge of the sink with a pencil, then remove the sink.
- Measure 7mm in from the initial sink measurement and trace another line on the inside of the drawing. This second line will be the cutting line.



2. Cut Opening

- Using the drill, make a small starting hole of about 1/2" on the inside of the cutting line.
- Drill a second time in the same hole with a larger bit to enlarge the hole so that the jigsaw can be inserted properly.
- Put masking tape on the outer side of the cutting line. This will protect the counter from scratches and shattered fragments caused by the jigsaw.
- Using the jigsaw, trim the inside of the cutting line.
- Insert the sink and adjust the opening if necessary.

⚠ CAUTION - To avoid the risk of personal injury, wear safety glasses and cut resistant gloves with non-slip grip when cutting.

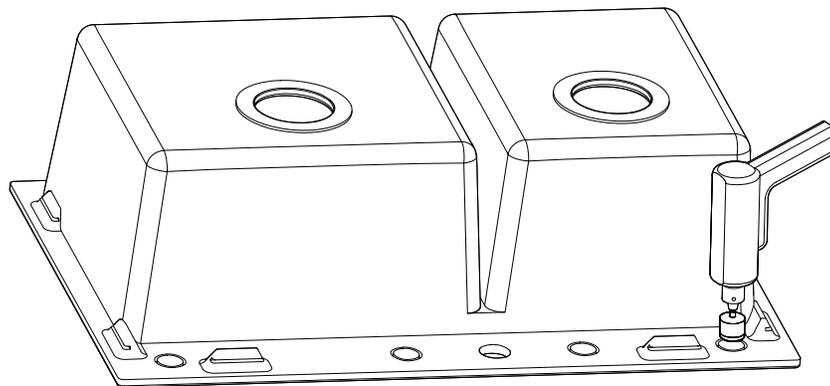


3. Add Additional Faucet Hole (Optional)

- Determine the location of the faucet.
- Place the sink upside down on a suitable flat surface.
- Using the 35mm (1 3/8") diamond hole saw at high power (1500tr. per break through in the desired location).

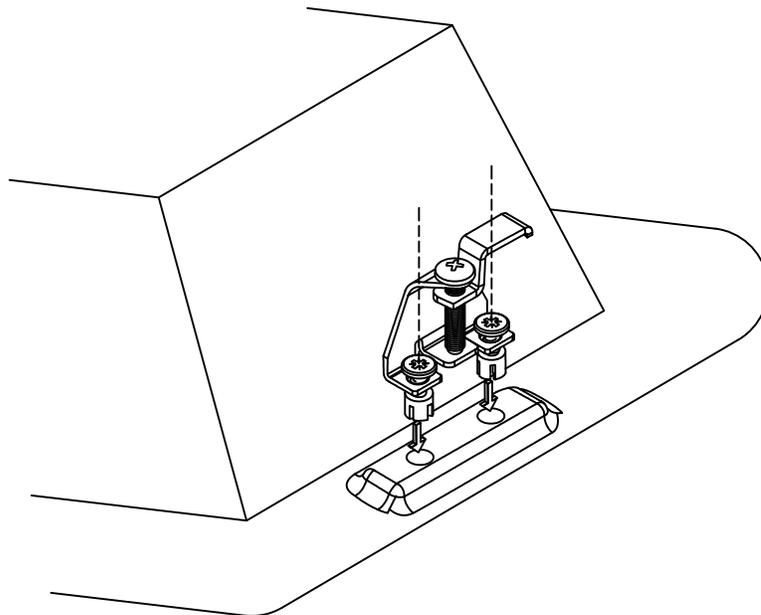
CAUTION: This procedure will cause the metal saw to become very hot. Please handle with care.

! **CAUTION** - To avoid the risk of personal injury, wear safety glasses and cut resistant gloves with non-slip grip when drilling.



4. Install Mounting Hardware

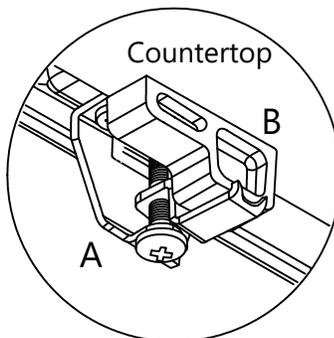
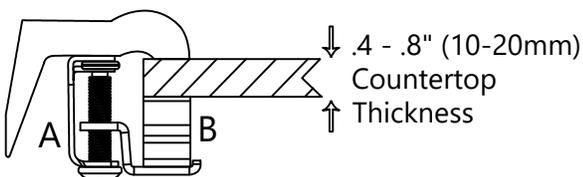
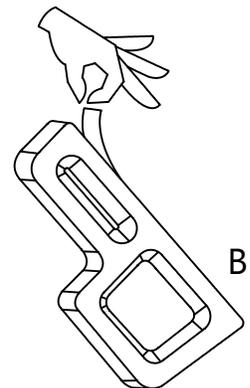
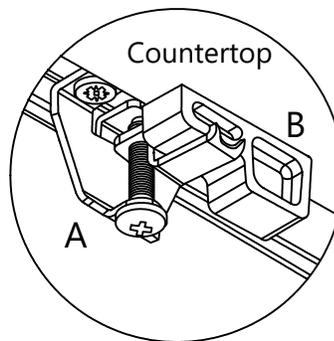
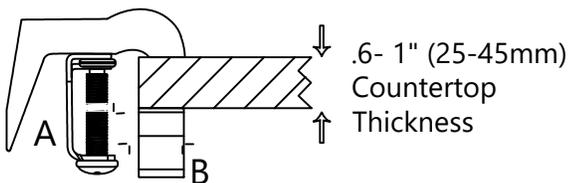
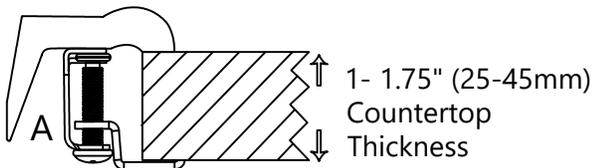
- Insert the anchors (pre-attached to the mounting hardware) into the sink holes with flat side against the sink and tighten the screws.



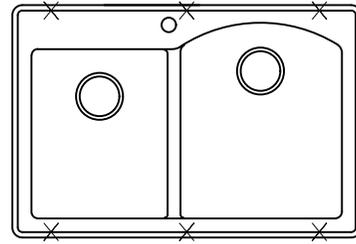
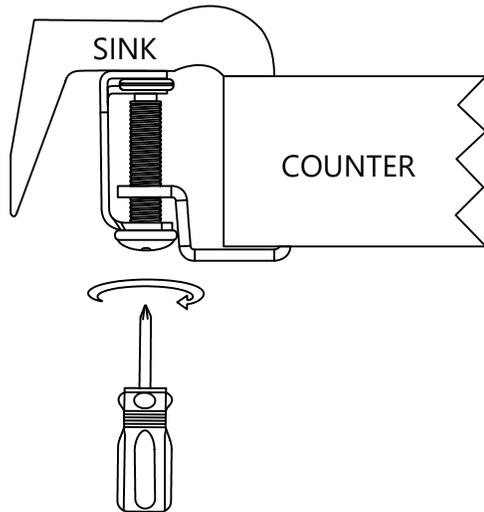
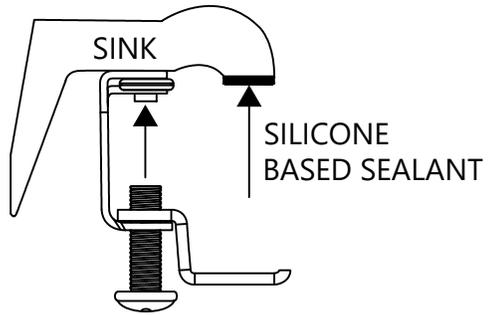
5. Install Sink

- Clean and dry the surface around the opening of the sink.
- Verify that the sink fits correctly in the opening. The edge of the sink must sit on the counter.
- Turn the unit upside down to apply sealant. Apply silicone-based sealant (not included) underneath the edge of the sink.
- Ensure that the plastic flap holding the screw underneath the sink is partially opened, as shown.
- Insert the sink into the opening.
- Fix the sink to the counter by swiveling the mounting brackets, as shown.
- Tighten the screws in the front of the sink, followed by the ones in the back and on the sides of the sink.
- Remove excess silicone-based sealant.

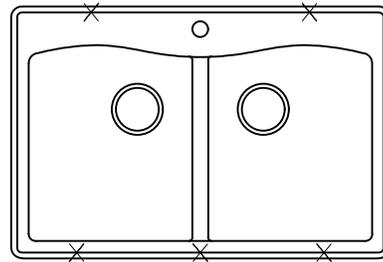
NOTE: Please refer to the below to determine your install by countertop thickness. If the plastic insert (B) is needed, remove the film and stick it to the under side of the countertop to accommodate for a thinner countertop.



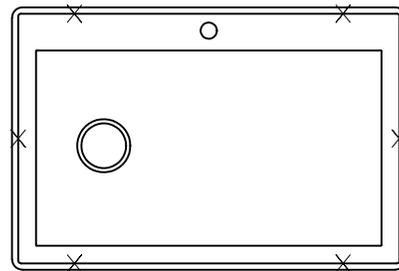
5. Install Sink



KGD-50



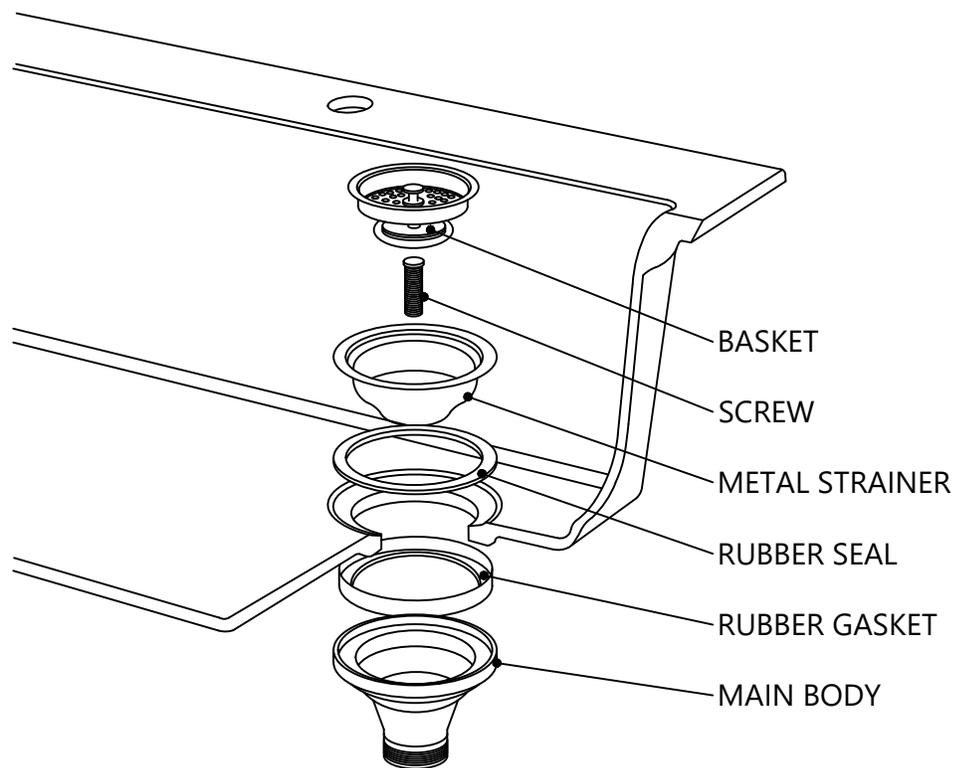
KGD-52



KGD-54

6. Install Drain

- Insert the metal strainer into the rubber seal, and then into the drain hole.
- Insert the rubber gasket and the main drain body underneath the sink.
- Using the screw, tighten the main drain body and the metal strainer into place.
- Insert the basket on top of the drain installation.



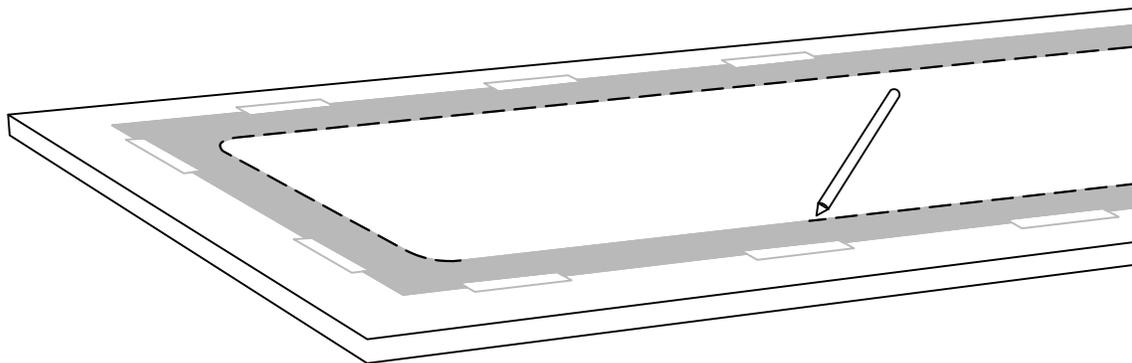
7. Install Pipes

- Install the faucet following the manufacturer's instructions.
- Make proper water and waste pipe connections.
- **Note:** Before installation, please check that the drain kit complies with ASME A112.18.2/CSA B125.2 and with CUPC certification.

Option B: UNDERMOUNT INSTALLATION

1. Trace Opening

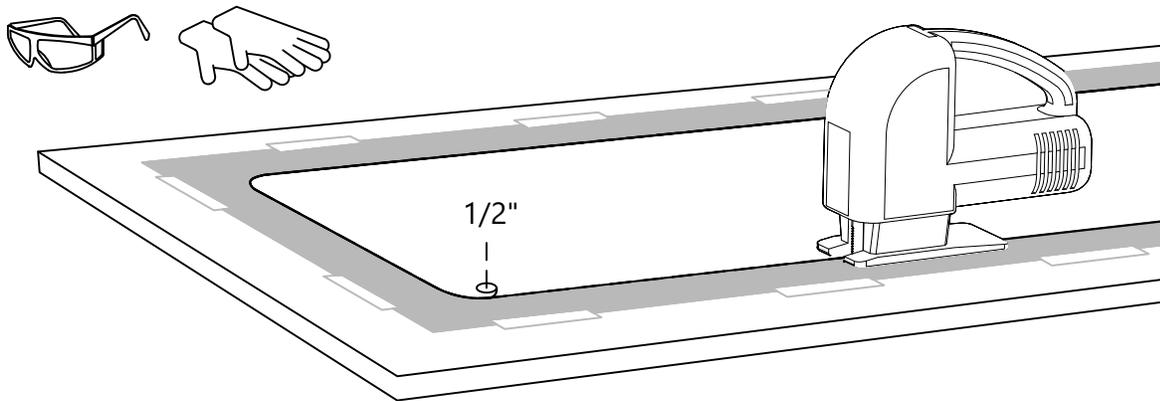
- Locate the undermount template in the box.
- Cut carefully along the dotted lines. Keep the inside portion of the template. It contains important information concerning care and maintenance for your new sink.
- Place the template on the counter, in the location where you will be installing the sink. When placing the template, note the location of cabinet doors and panels to ensure that they are compatible with sink installation. Make sure that there is enough space for water supply installation. Identify the location of the faucet and soap dispenser.
- Fix the template to the counter using masking tape.
- Trace the inside of the template with a pencil. Remove the template from the countertop.



2. Cut Opening

- Using the drill, make a small starting hole of about 1/2" on the inside of the cutting line.
- Drill a second time in the same hole with a larger bit to enlarge the hole so that the jigsaw can be inserted properly.
- Put masking tape on the outer side of the cutting line. This will protect the counter from scratches and shattered fragments caused by the jigsaw.
- Using the jigsaw, trim the inside of the cutting line.

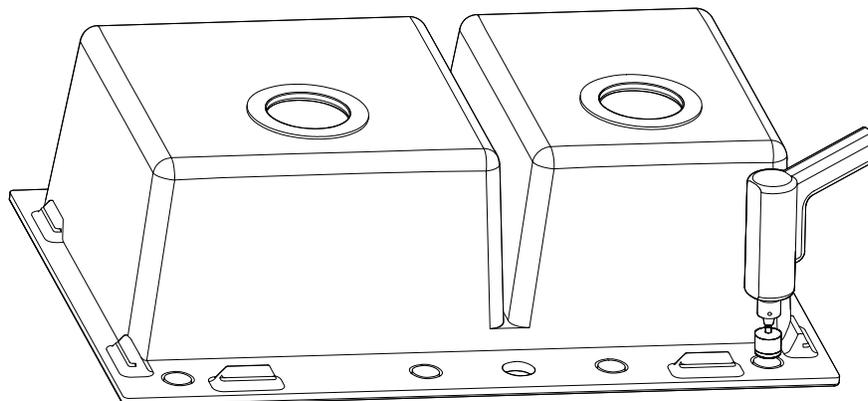
⚠ CAUTION - To avoid the risk of personal injury, wear safety glasses and cut resistant gloves with non-slip grip when cutting.



3. Add Additional Faucet Hole (Optional)

- Determine the location of the faucet.
- Place the sink upside down on a suitable flat surface.
- Using the 32mm (1 1/4") diamond hole saw at high power (1500tr. per break through in the desired location.

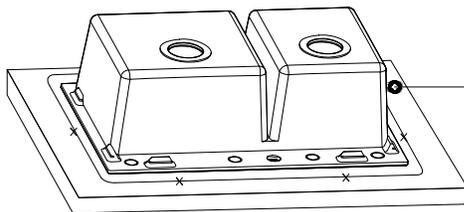
CAUTION: This procedure will cause the metal saw to become very hot. Please handle with care.



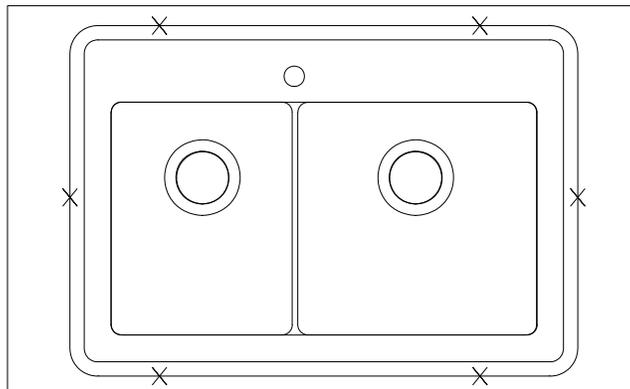
4. Install Sink

- Turn the sink upside down. Align the sink with the cutting line on the counter.
- Using a pencil, mark 10 spots around the frame at a distance of about 1/4" (6.4mm) from the edge of the sink.
- For a solid installation, it is recommended that all 6 mounting clips are used.
- Use 15/64" drill bit to drill the fixation holes at a depth of 3/8" in the indicated location.
- Insert the brass inserts by tapping them into the holes, split end first.
- Thoroughly clean the top portion of the sink edge. Clean underneath the counter and around the cutting line using denatured alcohol.
- Apply a small quantity of silicone-based sealant (not included) around the cutting line, 1/8" away from the edge of the counter.
- Align the sink and fix the mounting clips as shown. Firmly tighten the screw into the brass insert.
- Once the sink is correctly installed, tighten the wing nuts to fix it into place.
- Complete the installation of the counter.
- Remove any excess sealant on the inside of the bowls.

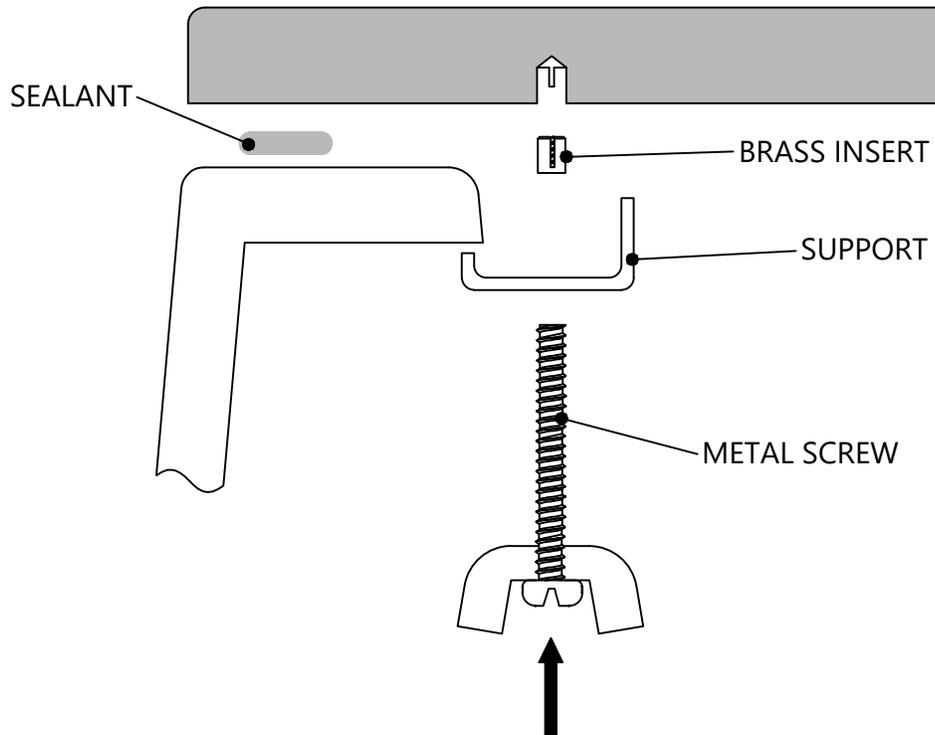
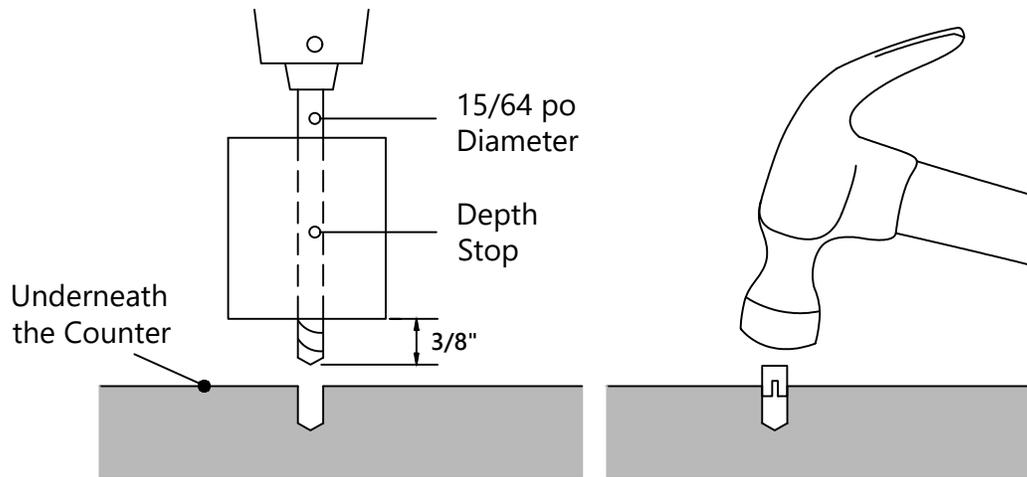
⚠ CAUTION - To avoid the risk of personal injury, wear safety glasses and cut resistant gloves with non-slip grip when drilling.



UNDERNEATH THE COUNTER

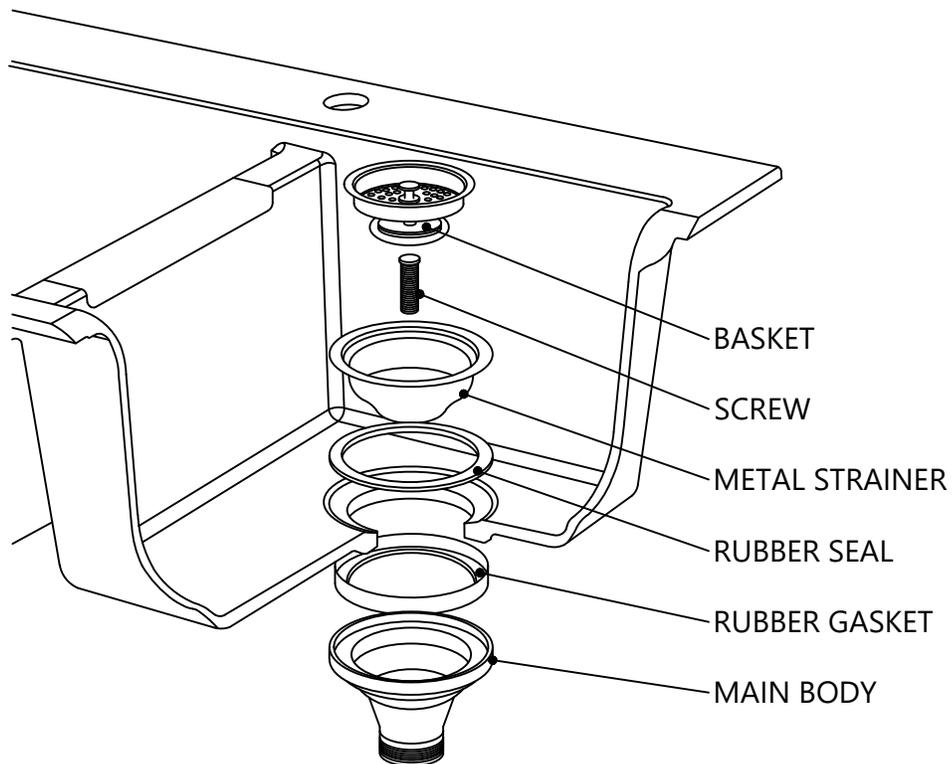


4. Install Sink (Continued)



5. Install Drain

- Insert the metal strainer into the rubber seal, and then into the drain hole.
- Insert the rubber gasket and the main drain body underneath the sink.
- Using the screw, tighten the main drain body and the metal strainer into place.
- Insert the basket on top of the drain installation.
- **Note:** Before installation, please check that the drain kit complies with ASME A112.18.2/CSA B125.2 and with CUPC certification.



6. Install Pipes

- Install the faucet following the manufacturer's instructions.
- Make proper water and waste pipe connections.

Codes/Standards Applicable



Kitchen Sink - Lifetime Limited Warranty

Kraus[®] USA Plumbing, LLC ("Kraus") extends this warranty to the original purchaser for personal household use of the Kitchen Sink when purchased from a Kraus authorized dealer and in the location of original installation. This warranty is non-transferable.

Kraus warrants the structure and finish of the Kitchen Sink to be free from defects in material and workmanship under normal usage for as long as the original purchaser resides in the residence in which the sink was Kitchen Sink was first installed.

Any product reported to the authorized dealer or to Kraus as being defective within the warranty period will be repaired or replaced with a product of equal value at the option of Kraus.

Commercial Warranty

Kraus USA Plumbing, LLC ("Kraus") warrants its Products for a period of one (1) year to commercial purchasers of Products used in industrial, commercial and business applications.

Care and Cleaning Instructions

Certain cleaning products may cause damage to a Product's finish and use of the following on the Product will void this warranty:

- Abrasive cleaners such as powders, bleach, ammonia, alcohol or chlorine
- Abrasive pads, steel wool or wire brushes

What is Not Covered

This warranty does not cover Products that were discontinued when purchased or display Products, whether such Products were purchased at discount outlets, unauthorized dealers, and/or sold on clearance. This warranty does not cover any free gifts included with purchase.

This warranty does not cover damage resulting from neglect, misuse (including use for an unintended application), abuse, carelessness, accident, hard water or mineral deposits, exposure to corrosive materials, improper maintenance, alteration of the Product, or failure to follow care, cleaning or installation instructions enclosed with your Product. Kraus recommends that all Kraus Products be installed by a fully licensed and insured trade professional with experience in the installation of bathroom and/or kitchen manufactured goods.

Download the Kraus Care & Maintenance Guide at:
<http://www.kraususa.com/maintenance>

How to Make a Warranty Claim

If you are a **consumer purchaser**, please contact a Kraus® Customer Service Representative at:
Kraus USA Plumbing, LLC
12 Harbor Park Drive
Port Washington, NY 11050
Toll-free 800-775-0703
Customerservice@kraususa.com

If you are a **plumbing contractor or trade professional**, please contact a Kraus Pro Representative at:
Kraus USA Plumbing, LLC
12 Harbor Park Drive
Port Washington, NY 11050
516-801-8955
Proservice@kraususa.com

If you are an **authorized partner**, please contact a Partner Support Representative at:
Kraus USA Plumbing, LLC
12 Harbor Park Drive
Port Washington, NY 11050
516-801-8954
Partnersupport@kraususa.com

In requesting warranty service, please be ready to provide your proof of purchase and a description of the problem. Shipping charges will be covered for the first (1) year of the warranted replacement part or product (HI, AK, and Puerto Rico shipping charges may apply). International shipping fees are not included.

Limitation on Duration of Implied Warranties

Please note that some states/provinces (including Quebec) do not allow limitations on how long an implied warranty lasts, so the below limitations may not apply to you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE STATUTORY PERIOD OR THE DURATION OF THIS WARRANTY, WHICHEVER IS SHORTER.

Limitation of Special, Incidental or Consequential Damages

Please note that some states/provinces (including Quebec) do not allow the exclusion or limitation of special, incidental or consequential damages, so the below limitations and exclusions may not apply to you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY DOES NOT COVER, AND KRAUS USA PLUMBING, LLC SHALL NOT BE LIABLE FOR, ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LABOR CHARGES TO REPAIR, REPLACE, INSTALL OR REMOVE THIS PRODUCT), WHETHER ARISING OUT OF BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, BREACH OF CONTRACT, TORT, OR OTHERWISE.

This warranty gives you specific legal rights, and you may also have other rights which vary from state/province to state/province.

IMPORTANT

Register Your Kraus® Product

Activate Your Warranty

Access Premium Customer Support

Get Product Information

REGISTER TODAY

<http://www.kraususa.com/registration>



Kräus[®]
www.kraususa.com