



Acorn-Sinks® Stainless Steel Drop-In Sink

Single Bowl | Classroom Sink



Base Model: CD-3120
SPECIFICATIONS
Drop-In Style Installation
Single Bowl
O.D. Size: 31" x 19-1/2" (787mm x 495mm)
Bowl Size: 22" x 16" (559mm x 406mm)
Bowl Depth: 8" (203mm)
Type 304 Stainless Steel Material
18 Gauge (0.050") Thickness
#4 Polished Satin Finish
Drain Opening Size: 3-1/2" Dia. (89 mm)
Drain Location: Centered
Mtg Hdwe up to 1-3/8" (35mm) Thick Counter



CD-3120-80-4DL

Fixture May Show Some Available Options

Technical Details: Acorn-Sinks® Self Rimming Drop-In Sink is seamless die-drawn construction of 18 gauge type 304, 18-8 stainless steel. Exposed surfaces are #4 satin finish with polished rim. Sink includes concealed "U" Channels with Hardware for mounting to underside of Countertop and Sound Deadening Insulation on Sink bottom exterior. Deck Punches are 1-1/2" (38mm) dia. and Slotted shown. Paper Template download available at [Acorn Website](#)
Cut-Out Size: 30-3/8" x 18-7/8" (772mm x 479mm) (1-1/2" (38mm) Corner Radius)

Minimum Cabinet Size: 36" (914mm) [Link to Info](#)

Product Compliance:

- ♦ ASME A112.19.3/CSA B45.4
- IAPMO® Certified for Conformance with:
- ♦ Uniform Plumbing Code® (UPC®)
- ♦ International Plumbing Code® (IPC®)
- ♦ National Plumbing Code of Canada® (NPC®)

BASE MODEL NUMBER

☒ CD-3120-80 Classroom Sink, 8" Deep Bowl

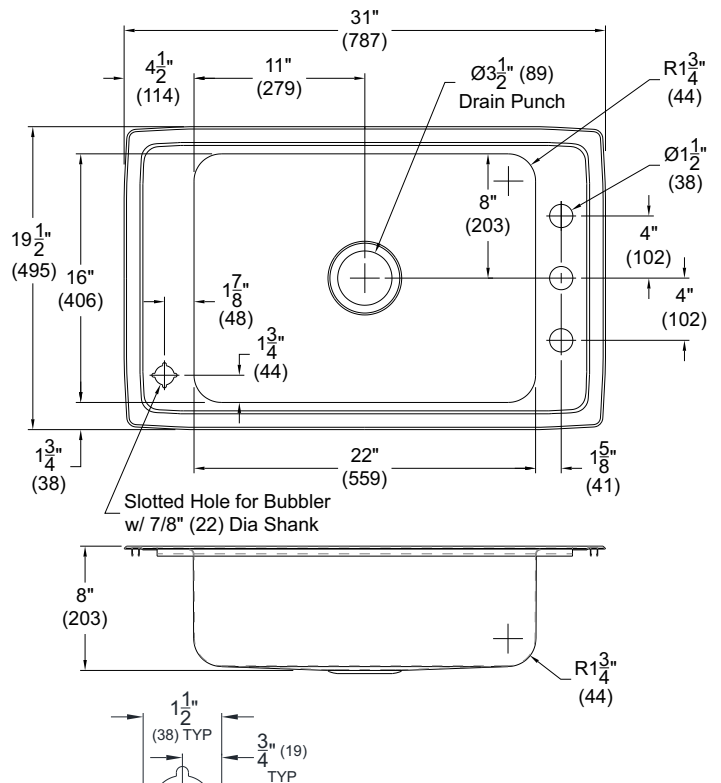
DECK (FAUCET) PUNCHING (Must Specify)

- ☐ -0 Blank, No Deck Punching
- ☐ -1 Single Hole Centered (No Slotted Hole)
- ☐ -2DL Single Hole Centered w/ Slotted Hole Left
- ☐ -2DR Single Hole Centered w/ Slotted Hole Right
- ☐ -4DL 3 Holes on 4" Centers w/ Slotted Hole Left
- ☐ -4DR 3 Holes on 4" Centers w/ Slotted Hole Right

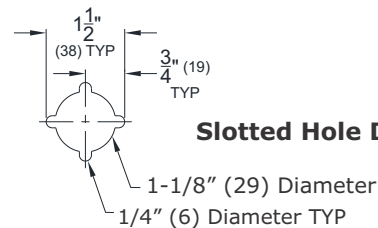
Optional Accessories including Faucet and Basket Strainer are also available. Refer to Supplemental Submittal pages for details.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2023 Acorn Engineering Company



Slotted Hole Detail



Selection Summary

Model No. & Option _____
Quantity _____

Approved for Manufacturing

Company _____ Title _____
Signature _____ Date _____

CD-3120

Rev: 10/15/2025



Acorn-Sinks® Deck (Faucet) Punching

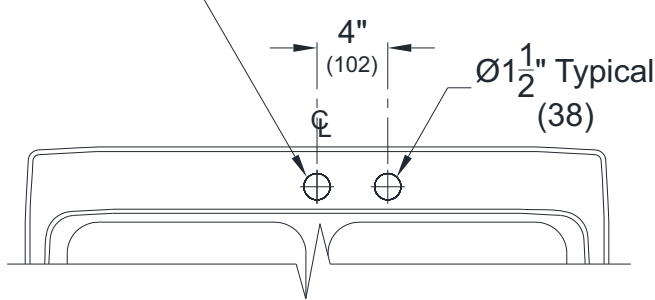


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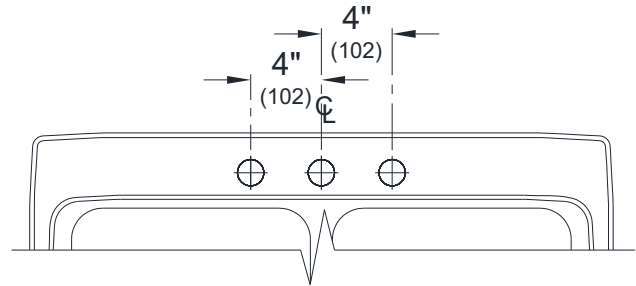
Deck (Faucet) Punching Details

- Details shown are offered on the Stainless Steel Drop-In style sinks (SD and DD Series).
- Dimensions are from Sink centerline of either Single Bowl or Double Bowl (between basins).
- All Deck punching shown below includes 1-1/2" (38mm) diameter holes.
- Refer to individual Sink Submittal drawing for all other dimensional data.

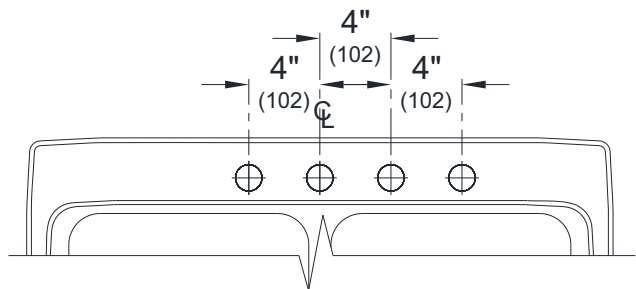
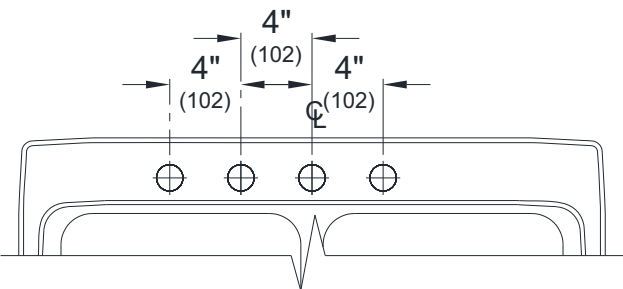
-1 Single Hole Centered



-2R Single Hole Centered with 2nd Hole 4" to Right

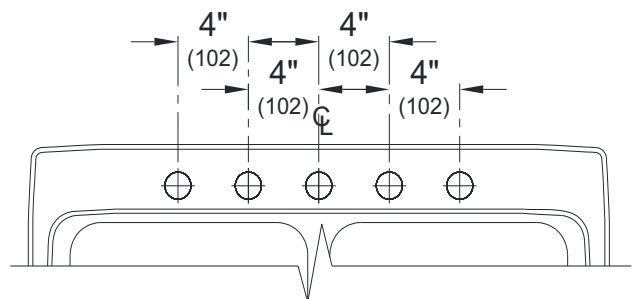
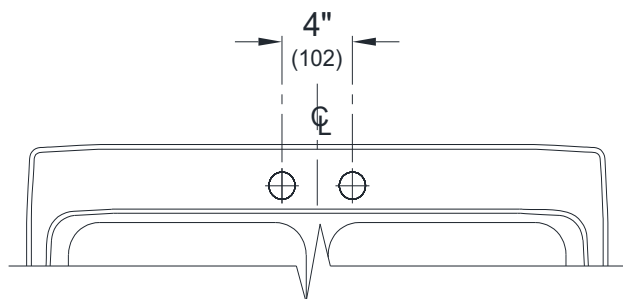


-3 Three Holes on 4" Centers (8" Centerset)



-4L Three Holes on 4" Centers with 4th Hole 4" to Left

-4R Three Holes on 4" Centers with 4th Hole 4" to Right



-2 Two Holes on 4" Centers (4" Centerset)

-5 Five Holes on 4" Centers

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SD-REF-1

Rev: 06/26/24

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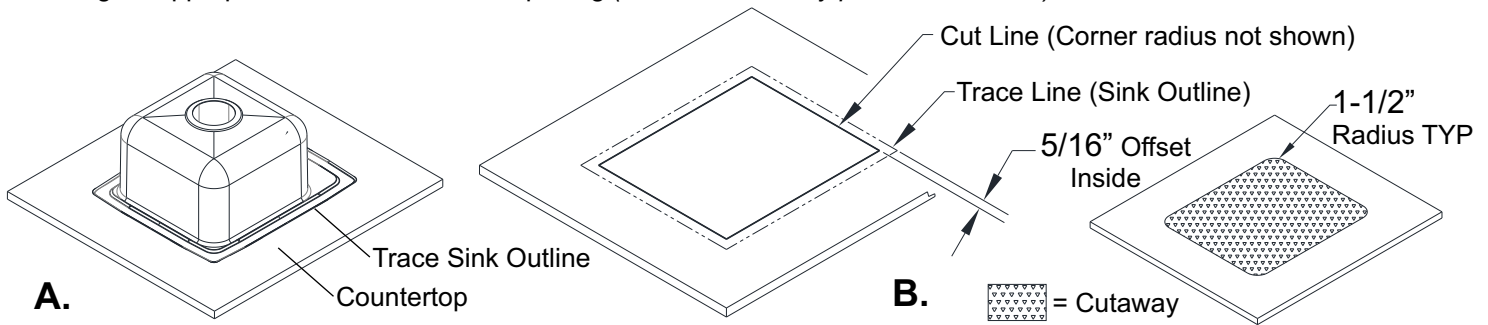
Acorn-Sinks® Installation Instructions - Drop-In Sinks

Scan QR Code to view Installation Video.

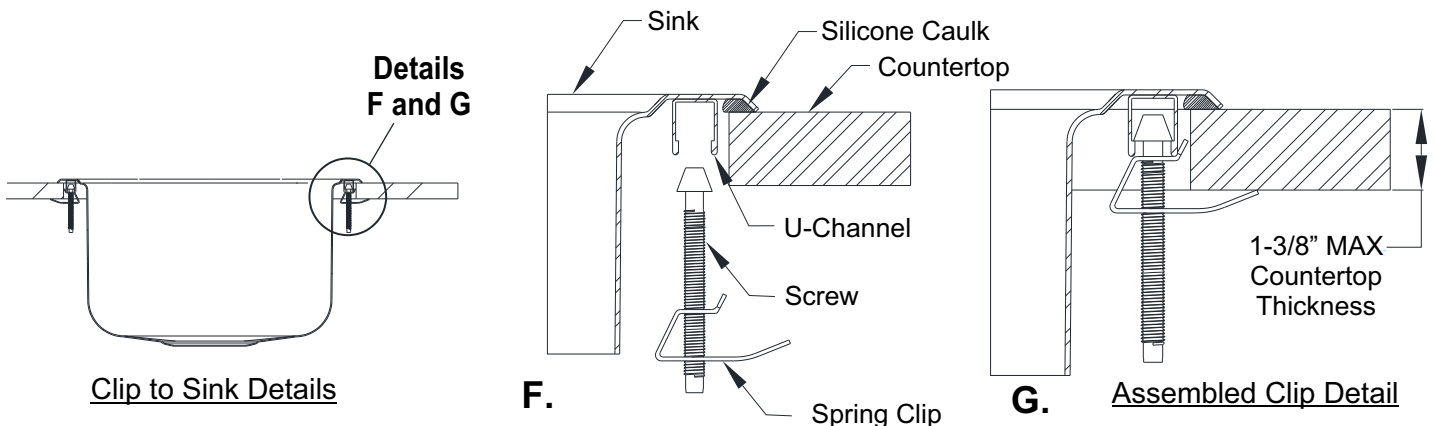
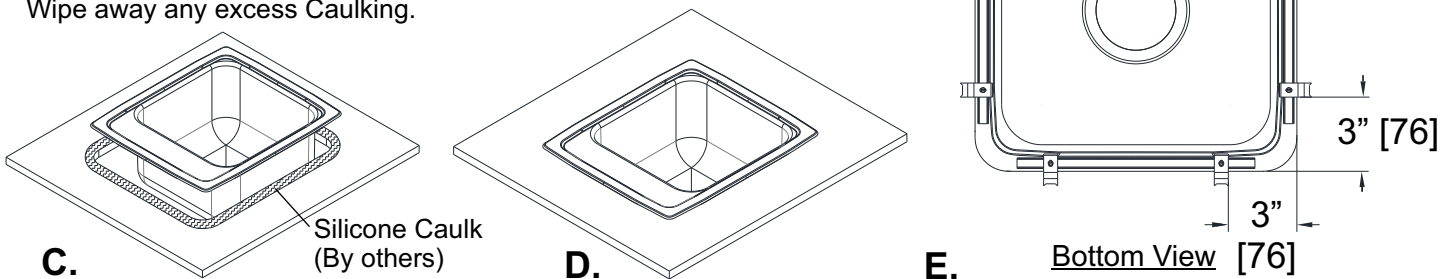


INSTALLATION STEPS

1. Position the sink upside down on the Countertop at desired location **[A]**.
Using a Marking Tool, carefully trace the outer edge of the Sink and create outline.
2. Mark a line offset **5/16"** **TO THE INSIDE** of the outline of the Sink **[B]**. Detail corners with a **1-1/2" Radius**.
NOTE: Do not cut square corners. The Cutaway area should be smaller than the original Sink outline.
3. Drill a pilot hole on the 4 corners of the **INSIDE** line.
Using an appropriate Saw, cut out Sink opening (*Caution: Cutaway portion will fall off*).



4. Apply Silicone Caulk (by others) to topside of Countertop along the cutout **[C]**.
5. Carefully lower Sink into cutout as shown in Figure **[D]**.
6. Assemble the Clips and Screws as shown in Figure **[F]**.
7. From the underside, place a Clip in the center along each side and hand tighten to hold Sink in place. Fasten the remaining Clips along the edge and space them approximately 3" [76] from each end and equally along the front, back, and sides as shown in Figure **[E]** (Clip quantity differs with Sink size).
8. Check the seal between the Sink edge and Countertop. Lightly tighten Clips evenly until the Sink is snug against the Countertop **[G]**. Do not over tighten. Wipe away any excess Caulking.



Verify all applicable Plumbing Code requirements prior to installation. Mounting Faucet to Sink prior to installation may reduce time and labor.
Note: For ADA Sink models: Compliance is subject to the interpretation and requirements of the Local Code Authority.

TECHNICAL ASSISTANCE TOLL FREE TELEPHONE NUMBER: 1-800-743-8259

ACORN ENGINEERING COMPANY

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Drawing # 9000-M00-002 12/04/23 A