



Acorn-Sinks® Stainless Steel Drop-In Sink

Single Bowl



Base Model: SD-1518
SPECIFICATIONS
Drop-In Style Installation
Single Bowl
O.D. Size: 15" x 17-1/2" (381mm x 445mm)
Bowl Size: 12" x 12" (305mm x 305mm)
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

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) diameter. Full Size Paper Template download available at [Acorn Website](#).

Cut-Out Size: 14-3/8" x 16-7/8" (365mm x 429mm) (1-1/2" (38mm) Corner Radius)

Minimum Cabinet Size: 18" (457mm) [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

☒ SD-1518-80 8" Deep Bowl

DECK (FAUCET) PUNCHING (Must Specify)

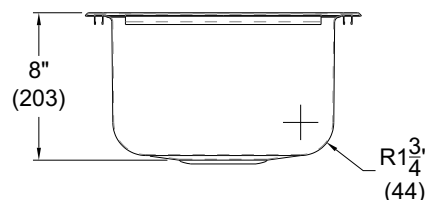
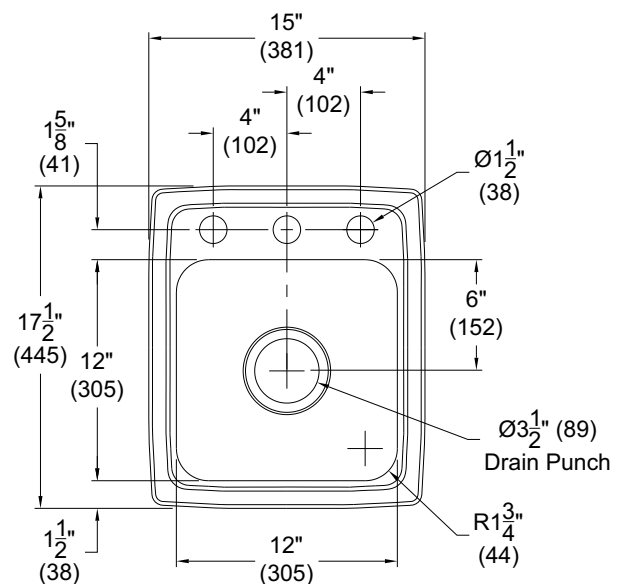
- ☐ -0 Blank, No Deck Punching
- ☐ -1 Single Hole Centered
- ☐ -2R Single Hole Centered w/ 2nd Hole 4" to Right
- ☐ -2 2 Holes on 4" Centers (4" Centerset)
- ☐ -3 3 Holes on 4" Centers (8" Centerset)

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



SD-1518-80-1

Fixture May Show Some Available Options



SD-1518-80-3 Shown

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 Acorn assumes no responsibility for use of void or superseded data.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

Selection Summary	
Model No. & Option	_____
Quantity	_____

Approved for Manufacturing	
Company	_____ Title _____
Signature	_____ Date _____

SD-1518

REV: 03/14/24



(Indicate Required Selections)

☐ **F80-BN Single Handle Kitchen Faucet**
Deck Mount Kitchen Faucet with Pull-Out Spray: ADA Compliant, Brushed Nickel Finish, Corrosion Resistant Zinc Casting, Lever Handle, Ceramic Cartridge, Pull-Out Spray, Dual Control for Aerator or Jet Spray, Swiveling Base (110°), 1.8 GPM [3.78 l/min], 3/8" Compression Inlet, Single Hole Drilling (Ø1-1/2").
Complies with ASME A112.18.1/CSA B125.1, NSF/ANSI/CAN 61-2022.

☐ **DPT Faucet Deck Plate Cover**
Deck Plate: Brushed Nickel Finish, sold separately for use with F80-BN Kitchen Faucet. Assembled and held in place with base of Faucet Shank.

☐ **D80-C Pushbutton Drinking Bubbler**
Deck Mounted Drinking Bubbler with Metering Pushbutton: ADA Compliant, Chrome Finish, Adjustable Metering Cartridge includes Timing from 0 to 30 seconds and Replaceable Seat. Flexible Polypropylene Mouth Guard. Mounting Kit for Anti-rotational Base provided. 1/2-14 NPS Male Threaded inlet.
Complies with ASME A112.18.1/CSA B125.1, NSF/ANSI/CAN 61, NSF/ANSI 372, AB1953/S152/HB372.

☐ **BST-3 Basket Strainer 3-1/2" Drain**
Stainless Steel Body and Basket for 3-1/2" Diameter Drain Opening. Includes Deep Locking Cup, Rubber Stopper. Use with 1-1/2" Tailpiece (Provided by others).

☐ **BST-2 Basket Strainer 2" Drain**
For 2" Diameter Drain Opening.
Refer to BST-3 details above.

☐ **BK Undermount Sink Mounting Bracket**
Undermount Sink Hardware Kit: Mounting Bracket of 14 gauge (0.080) Steel. Screw Fasteners are not included. Package of (10).

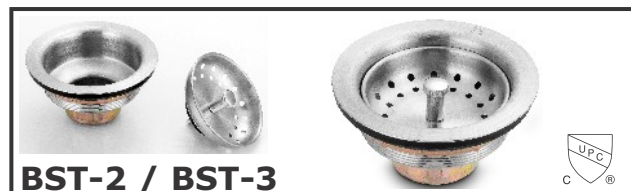
☐ **BK-3 Drop-In Sink 3" LG Mounting Clip**
Drop-In Sink Hardware Kit: For Countertops up to 2-3/8" thick. Includes 3" long Bolt Fastener and Spring Clip. Package of (10).

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Shown with F80-BN Faucet. Both sold Separately.



Selection Summary	
Model No. & Option	_____
Quantity	_____

Approved for Manufacturing	
Company	_____ Title _____
Signature	_____ Date _____

F80-BN

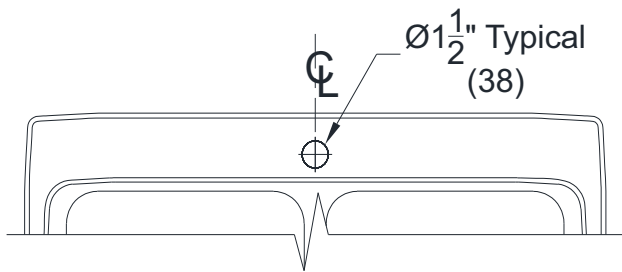
New: 03/01/24



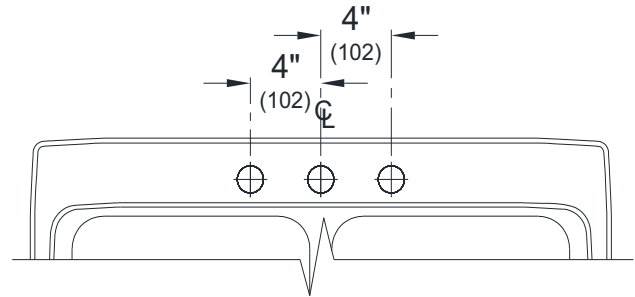
REFERENCE

Deck (Faucet) Punching Details

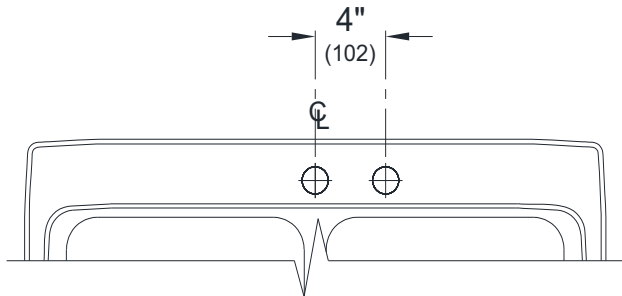
- Details shown below are those offered on the Stainless Steel Drop-In style sinks.
- Dimensions shown are taken from Centerline of either Single Bowl or Double Bowl Sink.
- All Deck punching shown below includes 1-1/2" (38mm) diameter holes.
- Refer to individual Sink Submittal drawing for all other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



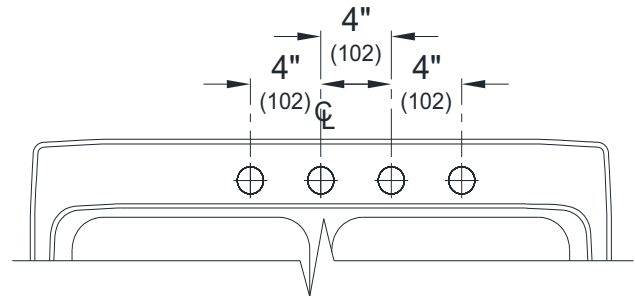
-1 Single Hole Centered



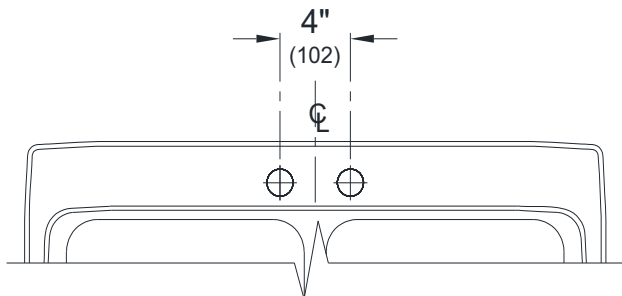
**-3 Three Holes on 4" Centers
(8" Centerset)**



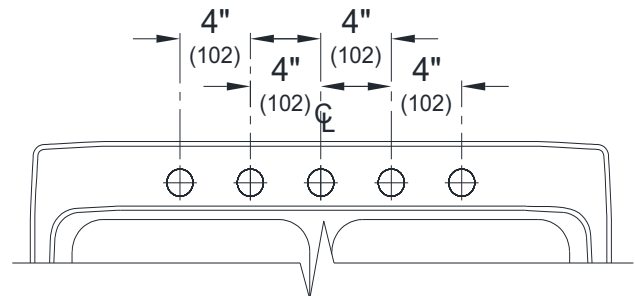
**-2R Single Hole Centered
with 2nd Hole 4" to Right**



**-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

New: 09/19/23



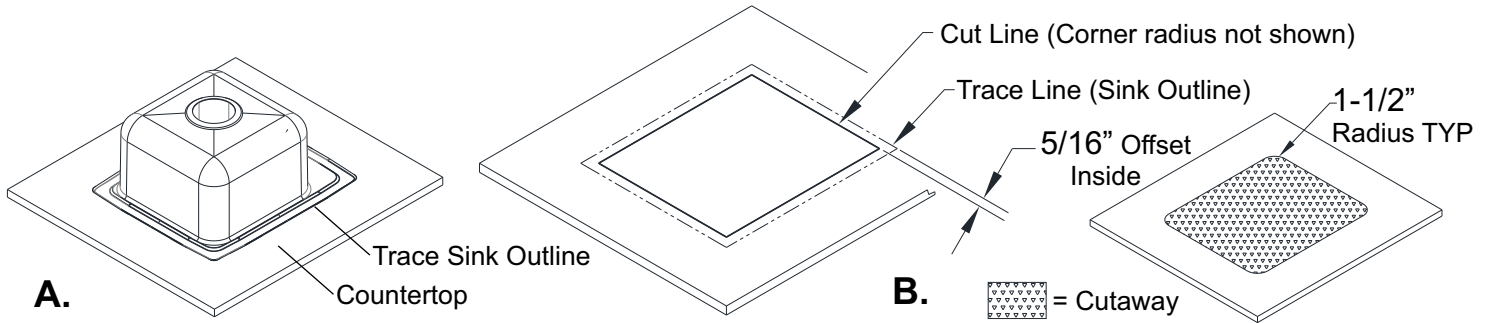
Acorn-Sinks® Installation Instructions - Drop-In Sinks

Scan QR Code to view Installation Video.

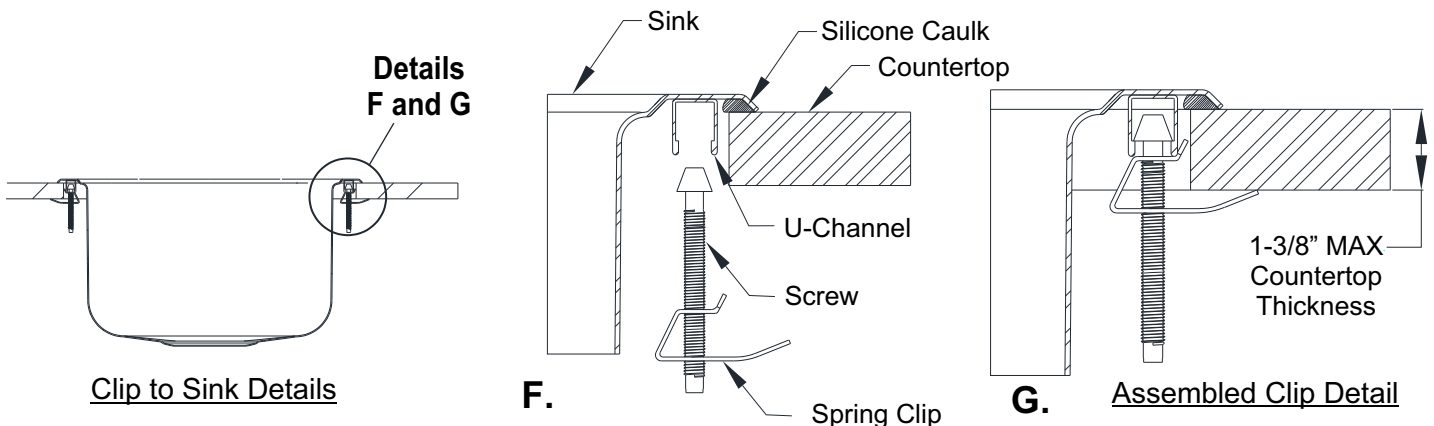
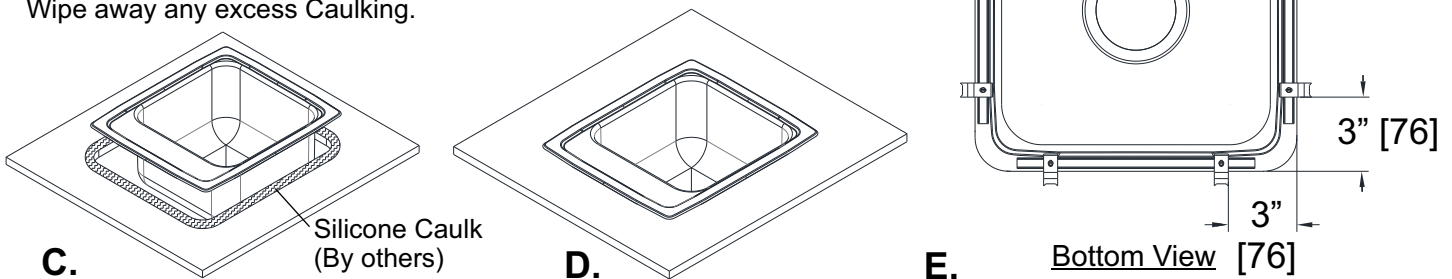


INSTALLATION STEPS

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

P.O. BOX 3527 • CITY OF INDUSTRY, CA 91744 U.S.A.
TOLL FREE 800-488-8999

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