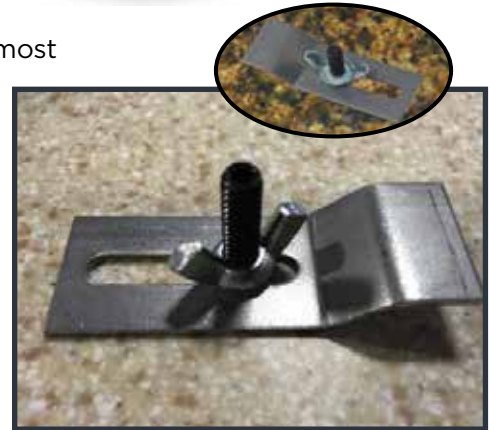


KEEP-NUT™ Sink Anchor Inserts for Under-Mount Sinks

KEEP-NUT™ Press-In self-anchoring sink fasteners are the strongest and most efficient mounting system for attaching undermount sinks to granite, quartz, solid surface, porcelain, and a variety of other hard surfaces. Originally designed to support building facades, vertical wall panels and furniture, the KEEP-NUT™ also offers exceptional performance for sink mounting.

- Quick Assembly by Pressure
- No Need for Resins or Adhesives
- Strongest Anchor on the Market
- Save Time & Money
- Can be drilled with standard tools (CNC, Grinder or by Hand)
- Average Strength of 562 lbs per Insert
- Crowns (or Teeth) Provide Axial Strength and Flex, Providing Higher Strength



Works on:



GRANITE



MARBLE



ENGINEERED STONE



UHPC



PORCELAIN



SOLID SURFACE



GLASS



COMPOSITES

Drilling Methods:

CNC (All Surfaces)



Hand Drill (Solid Surface)



KDM110

KEEP-NUT™ DRILLING MACHINE

Use 11.8 drill bits only

CCH-KN-KDM110
(Vacuum Drilling Machine w/ Polisher)



Which Bit is Right for Me?

TYPE OF BIT	DRILLING METHOD	SURFACES
11.8 mm 5/8-11 Thread Grinder Bit	KEEP-NUT™ DRILLING MACHINE	Natural/Engineered Stone
11.8 mm 1/2 GAS CNC Bit	CNC	Natural/Engineered Stone
11.4 mm 5/8-11 Thread Grinder Bit	Manual (without KEEP-NUT™ DRILLING MACHINE)	Natural/Engineered Stone
11.8 mm Hand Drill Bit	Manual	Solid Surface/Plastics

KEEP-NUT™ Insert & Pull-Out Strength

DRILLING METHODS ABOVE USE OUR KEEP-NUT™ SINK ANCHOR INSERT

KEEP-NUT™ is a press-in self-anchoring insert that provides a permanent threaded fixture in panels or countertops made of marble, granite, composites, carbon, Corian®, HPL, glass and others hard surface materials.

The **KEEP-NUT™** insert is specifically developed to fasten ventilated façades, wall-coverings, décor, furniture, under-mount sinks, as well as a variety of other applications. The Keep-Nut is made of stainless steel for durability and performance in exterior applications. Available in different lengths to fit several different panel thicknesses, **KEEP-NUT™** can be installed quickly by drilling the material to the correct hole diameter and pressing in the insert. **KEEP-NUT™** inserts have several advantages. The preparation needed is just a cylindrical hole drilled by CNC or the KDM series manual tools. In addition, assembly by pressure is quick and easy and does not require use of adhesives.



One Crown

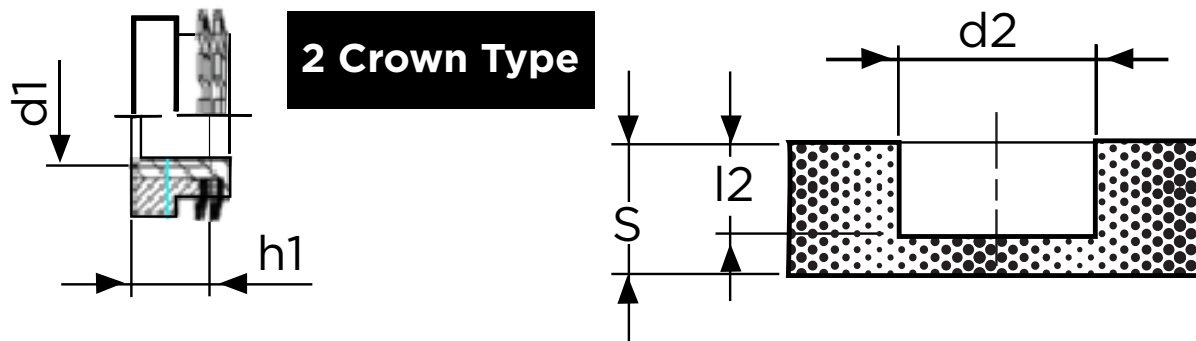


Two Crown



Four Crown

Part	Minimum Surface Depth(s)	Thread (d1)	Hole Depth (l2)	Hole Diameter (d2)	Threaded Post Depth (h1)	Number of Crowns	Average Pull-Out Strength
IM2S/P14-.20/H6	0.34" 8.5 mm	1/4-20	0.26" 6.5 mm	11.8 mm	0.22" 5.5 mm	2	562 lbf 2.5 kN



Although the **KEEP-NUT™** anchoring system works excellent with CNC drilling, a qualified fabricator can achieve accurate, repeatable holes using manual equipment with the proper tooling. The following guidelines should be followed for best results.

KEEP-NUT™ CNC set up information:

- Hole Diameter 12mm (+/-2mm)
- Bit Diameter 11.8mm
- Depth: 6.5mm (.26")
- RPM 3500
- Feed rate 1.5 in./min.
- Anchor placement:
-approx. 2" from cut out on center

**Supports
up to 562
lbs. per
anchor**



As a fabricator you may want to purchase all items from us or just the **KEEP-NUT™** Inserts by themselves, see part numbers and kits below:

By **Specialinsert™**

INDIVIDUAL ITEMS:

<p>Z-Shaped Sink Clips SKU: CCH732G</p>		<p>Z-Shaped Sink Clip used to support the undermount Sink</p>
<p>Allen Posts SKU: CCH-KNPOST-1/4-20X1</p>		<p>1/4-20 Thread x 1-1/4" Length Male Posts (Additional sizes available) 1-1/2"L Post, 1/4-20 Thread, 1-3/4"L Post, 1/4-20 Thread</p>
<p>Wingnuts SKU: CCH730S</p>		<p>1/4-20 Thread Wingnut</p>
<p>Star Washers SKU: CCH731</p>		<p>1/4-20 Thread Flat Star Washer</p>
<p>Lock-Nuts SKU: CCH734K</p>		<p>1/4-20 Thread Lock Nut (Optional, replaces Wingnut & Star Washer)</p>

DRILL BITS & INSTALLATION ACCESSORIES:

<p>11.8 mm CNC Drill Bit SKU: CCH-KNBITGRI-11.8MM</p>		<p>11.8 mm Diameter 1/2 GAS CNC Drill Bit for Drilling Natural Stone and Quartz</p>
<p>11.4 mm Manual Stone Drill Bit w/Stop Collar SKU: CCH-KNBITGRI-11.4MM</p>		<p>11.4 mm Diameter, 5/8-11 Thread Manual Drill Bit for use in Polishers/Grinders on Natural Stone and Quartz</p>
<p>11.8 mm Hand Drill Bit w/Stop Collar SKU: CCH-KNBITGRI-11.8MM</p>		<p>11.8 mm Diameter Hand Drill Bit for Solid Surface and Plastics</p>
<p>Go/No-Go Hole Tester/Depth Gauge SKU: CCH-KNKSET-1/4</p>		<p>Tool used to check the diameter and depth of each drilled hole prior to pressing-in KEEP-NUT™ (highly recommended when manually drilling)</p>
<p>Insertion/Setting Tool SKU: CCH-KNGAUGE</p>		<p>Insertion tool for Keep-Nut to deflect impact from mallet when pressing KEEP-NUT™ into surface</p>



Ventilated Facades



Under-mount Sink Anchor



Panel and Ceiling Hanging



Faucet Hole Drilling

KEEP-NUT™ Parts and Kits

FULL SETS:

KEEP-NUT™ Starter Kit For Undermount Sinks

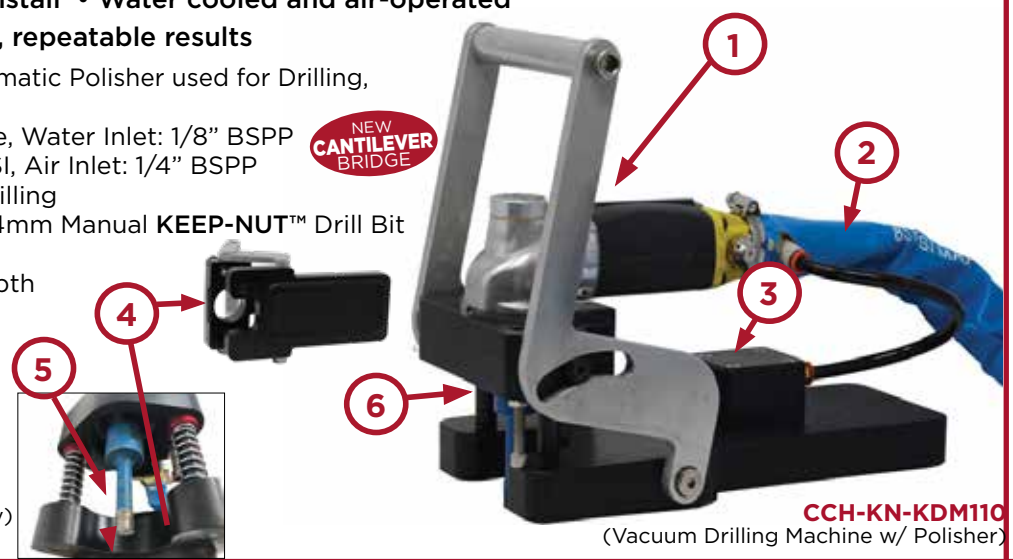
<p>Full KEEP-NUT™ Set</p> <p>SKU: CCH-KEEPNUT-1/4-KIT</p>		<p>All items needed for KEEP-NUT™ Sink Anchors Including:</p> <ul style="list-style-type: none"> • IM2S/P1.4-20/H6 KEEP-NUT™ • Z-Shaped Sink Clip • 1 1/4" Length Post • Wingnut and Washer
<p>Full KEEP-NUT™ 100 pc Starter Set w/Tooling</p> <p>SKU: CCH-KEEPNUT-STRKIT 1</p>	 <p>KEEP-NUT™ 100PC KIT</p>	<p>KEEP-NUT™ 100 pc kit includes:</p> <ul style="list-style-type: none"> • 100—IM2S/P1.4-20/H6 KEEP-NUT™ • 100—Z-Shaped Sink Clip • 100—1 1/4" Length Post • 100—Wingnut and Washer <ul style="list-style-type: none"> • Drill Bit of Choice • Go-No-Go Hole Tester • Setting Tool <p>Use 11.8 drill bits only with KEEP-NUT™ DRILLING MACHINE</p>
<p>Full KEEP-NUT™ 500 pc Starter Set w/Tooling</p> <p>SKU: CCH-KEEPNUT-STRKIT 5</p>		<p>KEEP-NUT™ 500 pc kit includes:</p> <ul style="list-style-type: none"> • 500—IM2S/P1.4-20/H6 KEEP-NUT™ • 500—Z-Shaped Sink Clip • 500—1 1/4" Length Post • 500—Wingnut and Washer <ul style="list-style-type: none"> • Drill Bit of Choice • Go-No-Go Hole Tester • Setting Tool <p>Use 11.8 drill bits only with KEEP-NUT™ DRILLING MACHINE</p>

KDM110—KEEP-NUT™ Drilling Machine w/ Polisher

- Fast, efficient drilling on hard surfaces • Lightweight and easy to operate
- Vacuum-foot for secure attachment to rough or even vertical surfaces
- Drill holes in granite for sink install • Water cooled and air-operated
- Built in depth stop for precise, repeatable results

1. Alpha High Performance Pneumatic Polisher used for Drilling, Wet Polishing & Profiling
2. 15 ft. Central Water Feed Hose, Water Inlet: 1/8" BSPP
3. 15 ft. Air Hose, Requires 85 PSI, Air Inlet: 1/4" BSPP
4. Vacuum Base for Precision Drilling
5. 5/8-11 Thread Spindle with 11.4mm Manual **KEEP-NUT™** Drill Bit for **KEEP-NUT™** Drilling
6. Stopper for Precision Drill Depth

NEW CANTILEVER BRIDGE



CCH-KN-KDM110
(Vacuum Drilling Machine w/ Polisher)

CCH-KN-KDM51
(Vacuum Drill Stand Only)

CCH-KN-KDM680C
(Modified Alpha AIR-680 Polisher Only)

CCH-KN-KDM110
(Vacuum Drilling Machine w/ Polisher)