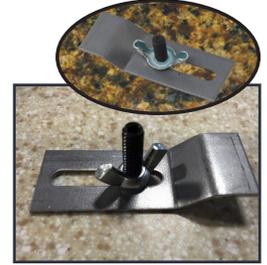


KEEP-NUT™ Sink Anchor Inserts for Under-Mount Sinks

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)



KEEP-NUT™ Drilling Machine (All Surfaces)

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 / Drill Press Bit	Manual	Solid Surface/Plastics

KEEP-NUT™ Insert & Pull-Out Strength

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



KEEP-NUT™ Parts and Kits

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:

KEEP-NUT™ SKU: IM2S/P1.4-20/H6		1M2S/P1.4-20/M6—2 crown KEEP-NUT™ 1/4 - 20" thread pictured left / <i>Part numbers ex: (Type/Thread/Height Code)</i>
Z-Shaped Sink Clips SKU: CCH732G		Z-Shaped Sink Clip used to support the undermount Sink
Allen Posts SKU: CCH-KNPOST-1/4-20X1		1/4-20 Thread x 1-1/4" <i>Additional 1-1/2"L Post, 1/4-20 Thread Length Male Posts</i> <i>sizes available 1-3/4"L Post, 1/4-20 Thread</i>
Wingnuts SKU: CCH730S		1/4-20 Thread Wingnut
Star Washers SKU: CCH731		1/4-20 Thread Flat Star Washer
Lock-Nuts SKU: CCH734K		1/4-20 Thread Lock Nut (Optional, replaces Wingnut & Star Washer)

Drill Bits & Installation Accessories:

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

Full Sets:

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

KEEP-NUT™ Drilling Machine

KDM110 —KEEP-NUT™ Drilling Machine w/Polisher

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



Use 11.8 drill bits only with
KEEP-NUT™
DRILLING MACHINE

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

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

SKU: CCH-KN-KDM51
(Vacuum Drill Stand Only)

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

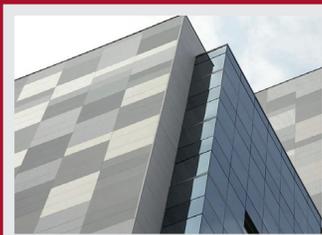


Supports up to 562 lbs. per anchor

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



Ventilated Facades



Under-mount Sink Anchor



Panel and Ceiling Hanging



Faucet Hole Drilling