

# K-DRILL

## ICE AUGER

### IMPORTANT

Please read this manual and follow its instructions carefully. The words WARNING, CAUTION, and IMPORTANT carry special meanings and should be carefully reviewed.

**WARNING** - Failure to read, understand and follow all warnings and instructions listed could result in serious injury or death to self or others.

**CAUTION** - These instructions point out special safety procedures or precautions that must be followed to avoid damaging the augers, injuries to self and others.

**IMPORTANT** - This provides special information to make usage of the K-Drill easier and important instructions more clear.

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**MADE IN THE USA**

K-Drill Patent #7,946,355

## Introducing the K-Drill Ice Auger System

Efficiency and light weight performance best describes the K-Drill Ice Auger. Both the 6" and 8" K-Drill Ice Augers are designed to be driven with rechargeable electric drills or gas power heads. The unique center tip and high carbon steel chipper blades allow for quick and clean holes under all ice conditions. K-Drill will also work exceptionally well when re-opening existing holes.

The K-Drill has its own flotation system to prevent it from sinking down the hole if it should come detached from the drill.

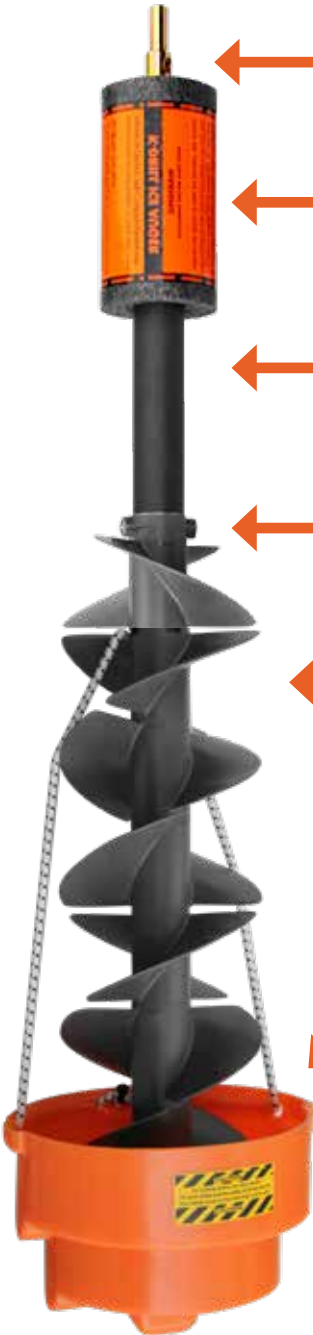
**NOTE** - The 6-inch K-Drill Ice Auger cuts a 6" hole. However, the 8-inch K-Drill cuts a 7-1/2" hole.



**CAUTION** - Always place protective cover over blades when not drilling. Keep the electric drill assembly out of the water.

**IMPORTANT** - At the end of the ice fishing season, before storing for summer, please spray WD-40 on the blades. This simple maintenance prevents rusting during storage. Also, K-Drill offers free blade sharpening. See page 9 for details.





**Drill Drive Adapter**  
(#IDRL28)

**Safety Float**  
(#IDRLFLT)

**Thermal Wrap**  
(#LBLA02)

**Locking Collar**  
(#IDRL19)

**Modular Flighting**  
(Patent Pending)  
6" - #IDRL17  
8" - #IDRL48

**Head Replaceable Blade Set**  
*Each set uses two chipper blades and one center tip blade.*



**6" Blade Set** (#IDRLBL6)  
**8" Blade Set** (#IDRLBL8)

**Universal Safety Cover**  
(#IDRL24)

## K-Drill Ice Auger Operation

**WARNING** - You must read and understand the following instructions before you can safely use the K-Drill ice auger.

### Proper Drill Setup

- 1) Ensure that you have an adequate drill, meaning a half-inch chuck and at least 725 in/lbs of torque.
- 2) Ensure the drill is set to its DRILL mode, not ratchet or hammer.
- 3) Ensure the drill is set to its LOWEST (slowest) gear setting.
- 4) Ensure your drill has a side-arm attachment so you can maintain a secure two-handed hold on the drill.



### Attaching the K-Drill to Your Drill

**CAUTION** - Cutting blades are SHARP! Be sure to leave the safety cover in place until you are ready to drill or serious injury may result.

- 1) Insert the Driver Adapter into the chuck of your drill.
- 2) Align the flats of the adapter with the jaws of your drill's chuck as you carefully tighten it into place.
- 3) Ensure the auger is fully tightened, and check tightness periodically. Re-tighten the auger in the chuck as needed.

**IMPORTANT** - A good practice for ensuring a securely tightened chuck is to tighten once and start drilling a hole, but after only a few seconds of drilling, STOP and re-tighten the chuck. And is always good to keep checking your chuck throughout the day to be sure it stays tight.

## Drilling Holes in the Ice

**IMPORTANT** - Get to your fishing spot, THEN remove the protective blade cover.

- 1) Ensure your K-Drill is properly aligned and fully tightened into your drill chuck, and that it is set to Drill Mode and in LOW Gear.
- 2) Set the Center Blade on the ice where you want to drill the hole.
- 3) Ensure the drill is pointing straight down.
- 4) Hold the drill handle and side-arm firmly and pull the trigger fully. Use minimal downward pressure and guide the drill through the ice.

**IMPORTANT** - If the ice is 8" thick or more, periodically clear the hole of slush by either pulling the auger fully out of the hole while running and spinning the ice clear. If within a shelter, once you break through the ice, switch the drill to reverse and carefully blow the ice downwards.

Too much slush in the hole can cause the K-Drill to bind and possibly get stuck in the ice hole.

- 5) Drill additional holes as needed, THEN put the Blade Protector back onto the auger.

**WARNING** - Keep all body parts and loose clothing clear of the drilling assembly. Keep children clear of the area and be aware of the environment around you.



## Safety and Usage Tips

- DO NOT use the K-Drill Auger for anything else except for which it is intended-for drilling ice! It was not designed to drill into soil or lumber.
- When drilling, keep a firm hold on the drill handle and side-arm. Also maintain proper footing and balance at all times.
- DO NOT leave drill standing in partially drilled hole. It may freeze into place.
- Train inexperienced operators to regularly clear hole during drilling.
- DO NOT wear loose clothing or jewelry. They can be caught in moving auger.
- During the operation of cutting the ice, the auger could possibly bind if it comes in contact with a foreign object. Use caution and don't force the drill.
- In conditions of thick ice, be sure to pull the auger out of the ice several times while running to assure excess ice shavings do not buildup in the hole or binding may result. It is best to clear the ice shards that deposit on the ice just before breakthrough.
- After cutting the ice fishing holes, the auger should ALWAYS be set in a safe place to prevent personal injury or damage to the auger shaft or blades.
- Keep your electric drill assembly out of standing water. Rest the drill horizontally using the drill handle (battery) and side-arm as the props.

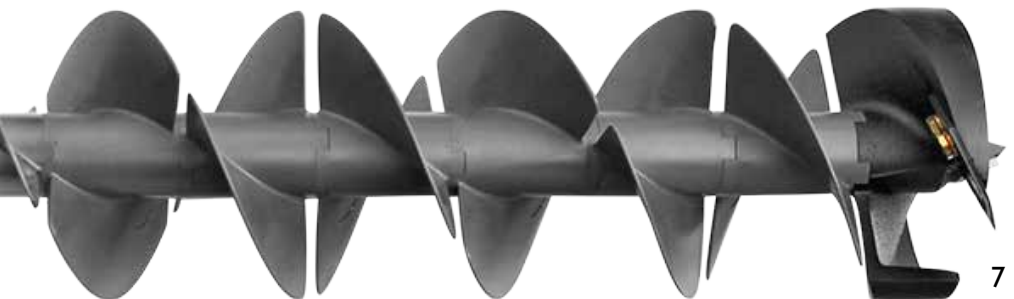


- In colder conditions, keep the drill battery as warm as possible by removing it from the drill and keeping it in your shelter or jacket pocket. Keep spare batteries warm as well.
- Inspect K-Drill auger periodically , and if damaged, have it repaired or replaced by an authorized service facility. Keep the blades sharp and clean for best performance and reduce the risk of injury.
- Remove the auger from the drill prior to changing blades. After changing the blades make sure to ALWAYS put the safety cover on the auger.
- When changing replacement blades - make sure someone helps hold the auger when changing the blades. Use gloves when working around exposed blades.
- DO NOT try to sharpen the blades yourself. K-Drill offers Lifetime Blade Sharpening as long as the blades remain within specifications. Free Lifetime Blade Sharpening does NOT cover negligence or misuse.
- If you have problems or have a defective K-Drill, DO NOT return it to the retailer. Contact K-Drill directly for all warranty issues.

## Storage & Maintenance

Make sure to store the K-Drill auger in a safe location, and out of reach of children and animals. **MAKE SURE THE SAFETY COVER IS IN PLACE!**

At the end of the ice fishing season before storing for summer, spray WD-40 on the blades to prevent rusting during the off season.



## Replacing the Blades

**WARNING** – Blades are sharp! Use leather gloves when handling blades.

- 1) Remove the center tip blade with 3/16" Allen wrench.
- 2) Remove the outside chipper blades with 7/16" open end wrench.
- 3) Replace the outside chipper blades and snug the bolts into position. Then torque an additional 1/4 turn and STOP!  
(If possible torque to 115 in/lbs)
- 4) Replace the center tip. Adjust the blade so it is equally spaced side-to-side from the chipper blades installed in the previous step.



**IMPORTANT** - The center point blade when being re-installed needs to be centered between the two main chipper blades. The unique two stage point may look like a broken tip but it is designed this way.

**CAUTION** - DO NOT OVER TIGHTEN as it will strip the threads and this will not be covered under warranty.

- 5) Torque bolt of center tip to 115 in/lbs.

## K-Drill Extension Installation

The standard K-Drill can drill through up to 36" of ice. The K-Drill extension can be added for thicker ice conditions. Extensions can be "stacked" if needed to create a very long ice auger.

- 1) Slide the down float, exposing the Allen bolt.
- 2) Remove the bolt and remove the drive adapter with washer.
- 3) Install the stem of extension. Replace and tighten bolt removed in step #2.
- 4) Install the driver adapter with washer into top of extension. Secure it with the bolt provided.





## Free Lifetime Blade Sharpening\*

\*Blade sharpening for the K-Drill is FREE unless the blades have been abused drilling into rock, gravel, sand, etc., or until the blades can no longer be sharpened. Refer to the warranty policy at the back of this manual.

The blades can be re-sharpened 2-3 times under normal use, before needing replacement. After re-sharpening blades multiple times they may fall outside the specification and will no longer cut efficiently. It will then be necessary to purchase a new replacement set of blades for your K-Drill. Under normal use, blades should be sharpened every 2 to 3 years.

Please let us know if you would like to purchase an additional set of blades when you return your blades for re-sharpening. We will notify you at the time of re-sharpening whether your blades cannot be re-sharpened due to wear or neglect.

When returning a set of blades for re-sharpening please wrap them securely to protect the sharp edges. Allow 2 to 3 weeks for processing. Send them to the address shown below:

***K-Drill Blade Re-Sharpener***  
***6667 West Old Shakopee Rd. Suite 102***  
***Bloomington, MN 55438***



#IDRLBL6 (6") & #IDRLBL8 (8")  
(shown)

**WARNING** - Even used blades can be SHARP. Handle them with care. Wrap loose blades in cardboard to protect sharp edges.

**IMPORTANT** - Be certain to include your name, address and phone number along with your returned blades.

## Parts and Accessories

To purchase other parts and accessories for the K-Drill Ice Auger Systems please contact K-Drill customer service at 952-224-3649 or visit [kdrillauger.com](http://kdrillauger.com) to place an order online.

### Replacement Parts

IDRLBL6:	6" Replacement Blades (Set of 3 blades)
IDRLBL8:	8" Replacement Blades (Set of 3 blades)
IDRL24:	Replacement Safety Cover for 6" or 8" K-Drill
IDRLFLT:	Replacement Float for K-Drill
IDRL28:	Replacement Drive Adapter
LBLA02:	Replacement Thermal Wrap
IDRL19:	Replacement Locking Collar
IDRL17:	Replacement Flighting for 6" Auger
IDRL48:	Replacement Flighting for 8" Auger

### Accessories

IDRLEXT:	12" Auger Extension
IDRLADPC:	Adapter for Clam Drill Plate
KL001:	Kluge Drill Attachment



#IDRLADPC  
Clam Drill Plate Adapter



#KL001  
Kluge Drill Attachment  
T-Handle Adapter to be used  
from StrikeMaster **hand** auger to  
electric drill

## K-Drill Cordless Drill Requirements

You can use any cordless drill brand you choose, as long as it meets the following minimum requirements:

- 1) Side Stabilizer Arm (for a secure two-handed grip)
- 2) 1/2" Drill Chuck
- 3) 18 Volt/4 Amp Lithium Ion Battery (or higher)
- 4) Brushless Motor Design
- 5) 500-750 RPM with a minimum of
- 6) 725 in/lbs of torque (or higher)

The Milwaukee M18 Fuel and DeWalt Max XR series are both officially approved for K-Drill use.

*Milwaukee #2704-22 & #2703-22  
DeWalt #DCD997P2 BT,  
#DCD991P2,  
& #DCD996P2*



Milwaukee M18 Fuel

## K-Drill Specifications

Weight:	5 LBs
Overall Length:	38"
Flute Length:	24"
Drive Stem Dia:	1/2"
Cutting Dia:	7.5" (#IDRL08) 6" (#IDRL06)
Float Length:	7"
Float Dia:	3.5"
Shaft Dia:	1.375"

## Wear

### Hoody Sweatshirt

Our charcoal K-drill hoodies are definitely one of the heaviest and warmest hoodies around.

**Price: \$65.00**

- Sueded 70% cotton & 30% polyester fleece
- Rib knit side gussets, cuffs and waist
- Key pocket inside pouch
- 1/4 zip collar with YKK zipper
- Super-thick draw cords
- Screen printed logo



### Truckers Cap

2-tone grey and black with K-Drill embroidered logo, mesh top with snap back.

**\$12.95**

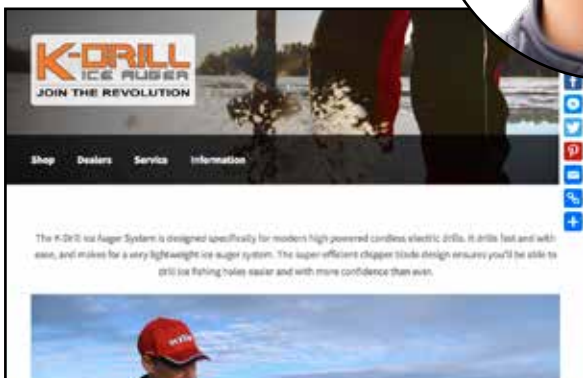
- Grey / Black
- Mesh top
- Snap back
- Screen printed logo

### Knit Stocking Cap

**\$12.95**

A very comfortable 2-tone grey and black knit, with K-Drill embroidered logo. Fits nicely over the Truckers Cap.

- Warm knit material
- Embroidered logo



Go to [kdrillauger.com](http://kdrillauger.com) to Order!

