

# AUGERING TIPS & TRICKS

## Ice Thickness Kit

**Helpful suggestions to ensure successful drilling results:**

Prepare the ice hole.

- Drill on the highest point if ice melt runoff is visible.
- Clear snow and debris away from drilling location.

Drilling techniques.

- Keep the auger moving at all times!
- "Pump" the auger while it's downhole (engine running) to bring the ice chips up and out of the hole.
- Keep the area clean of ice chips at all times! Kick the ice chips away from the hole so they don't fall back in and refreeze to your auger.
- Let the blades do the cutting.  
Applying too much pressure: won't make your auger faster, creates unnecessary heat (risking ice buildup on cutting head), and prematurely dulls the blades.
- Run the auger above ice to spin off any water. Water + Ice = FREEZE.
- When you punch thru to the water it's important to keep on the gas while removing the auger from the hole.  
**Do not set your auger down on snow! This can cause snow to freeze to your equipment.**

- Should ice accumulate on the blades, which is often unavoidable in extremely cold conditions, it's best to remove it before continuing to drill. Running the drill downhole in the water will usually clear the ice from your drill head.
- Additional ideas to help avoid ice build up on the equipment:
  - Wipe the equipment down with a dry towel in between uses to remove the water.
  - Use hydrophobic spray. This can help repel the water and discourage freeze.

#### Use the equipment properly.

- Acclimate the equipment. Using warm equipment can cause ice chips to freeze to the auger. This makes it difficult to drill and dulls the cutting blades prematurely.
- DO NOT hold the electric drill adaptor while in use. The "puck" must spin freely, otherwise you run the risk of damaging the locking ring causing your adaptor to fail.
- Don't use sharp objects to depress the push button. This can cause metal burrs resulting in your button being stuck in the down position. We suggest you use the tip of a Sharpie cap if you have one available.



#### **KOVACS ICE DRILLING EQUIPMENT**

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