



**HERE'S HOW USE YOUR NEW KnKut DRILL BITS &  
HOW TO KEEP THEM IN THE BEST  
WORKING CONDITION!  
JUST FOLLOW THESE EASY STEPS  
ANYTIME YOU USE YOUR BITS!**

- **KEEP YOUR DRILLS SHARP!**
- **MAKE SURE TO TIGHTEN ALL THREE HOLES ON THE CHUCK!**
- **PRESS BIT FIRMLY AGAINST SURFACE TO BE DRILLED! BEFORE STARTING THE DRILL!**
- **REMEMBER! PRESSURE IS DIRECTLY RELATED TO THE HARDNESS OF THE MATERIAL BEING CUT!**

**HARD MATERIAL = MORE PRESSURE**

- **RPM's RELATE TO THE SIZE OF THE DRILL AND THE MATERIAL BEING CUT! CORRECT PRESSURE AND RPM's RESULT IN A CONTINUOUS STRAND OF MATERIAL EXITING THE HOLE! LOOK FOR IT!**
- **REMEMBER! THE MORE YOU PRACTICE CORRECT DRILLING TECHNIQUES—THE MORE HOLES YOU'LL GET FROM YOUR BITS!**

**\*SEE OTHER SIDE FOR MORE DETAILED INSTRUCTION\***

- 1. Start by placing the drill bit into you chuck. Tighten all three holes on the chuck. Each hole is designed to tighten only the jaws it lays between. NOTE: By tightening all three holes, the drill bit will be less likely to slip in the chuck.**
- 2. Press drill bit firmly against the surface you are going to drill. DO NOT start the drill before placing it on the material. This can cause the drill bit to snag or bite incorrectly causing your bit to dull quicker and your hole to be offline.**
- 3. The amount of pressure required to drill a hole in the material directly relates to the hardness of the material being cut. Most materials, i.e.: Aluminum, Plastics, Steels, Stainless Steels, will produce a continuous strand of material exiting the hole. Materials such as wood or cast iron will produce small broken pieces of material as it exits the hole.**
- 4. The size of the drill bit and the material being cut determine how fast (RPM's) you should run your drill. If using a STATIONARY drill with adjustable RPM's and feed rates, refer to a speed and feed chart (commonly found on the web) to determine proper parameters to run your drill and bits. If using a HAND HELD drill, the user must rely on "feel" as the rule of thumb. The more practice you have drilling with the proper techniques, the more you will get out of your drill bits. NOTE: Keep an eye on the chip coming out of the hole as you drill by HAND. Refer to #3 to produce the ideal chip from your drill bit.**
- 5. Drill bits last longer and work better when they are kept sharp and used properly.**