

# inland FLEXSHAFT™

## User Instructions

Thank you for buying this Inland product. This booklet contains instructions for set up and use of the Inland FlexShaft™ accessory tool. The Inland FlexShaft works with all Inland SwapTop™ machines and Inland glass grinders. Please take time to read all the instructions to understand the correct components, set up, and use of this product.

### Safety

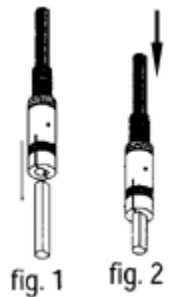
It is extremely important to wear proper eye protection. We highly recommend that you wear safety goggles rather than safety glasses. You can also use the Inland [FaceShield™](#) or [MagnaShield™](#) in conjunction with proper eye wear for added protection: A shield alone is not adequate eye protection.

1. DO NOT wear loose clothing or any accessories (long necklaces, bracelets, shirts with long fringes, and similar) that might get caught while using this product.
2. Use with the proper machines powered by a properly grounded and tested outlet. Under NO circumstances should you override the grounding system or modify the plug.
3. Set up your machine on a sturdy, level work surface that is water tolerant and a comfortable height to work on

### Installing the FlexShaft

The FlexShaft, powered by your 5/16" shaft motor, is a freehand tool for drilling, shaping, grinding, polishing, engraving, and other tasks.

1. Make sure the powering machine is off.
2. If you are using the FlexShaft with your SwapTop machine, make sure that the motor is installed with the shaft in its vertical position. If using it on a glass grinder or hobby shaper, remove any bits from the motor shaft.
3. Locate the flat side of your machine's motor shaft. Slide the FlexShaft adapter end onto the motor shaft with the flat on the adapter lining up with the flat on the motor shaft. (fig. 1 at right)
4. The FlexShaft simply "friction fits" in place. Make sure it is pressed on as far as it will go, approximately one (1) inch. Verify that it will spin freely without hitting your machine's work surface or other parts. (fig 2 at right)
5. Insert the small shaft tool of your choice following the directions below.



### Mounting and changing bits and tools

The FlexShaft accepts all small shaft moto-type tools and all bits that have a 3/16" to 1/8" shaft including [Inland Diamond Engraver Tips](#), [4 Pc. Bead Reamer Set](#), [10 Pc. Diamond Tip Carving Set](#), and [50 Pc. Diamond Tip Carving Set](#).

1. Turn off the powering machine
2. Locate the hole on the side of the hand piece, 3/4" behind the chuck's jaws. Turn the chuck clockwise (to the right) until the hole in the chuck shaft lines up with the hole in the side of the hand piece.
3. Insert a "retaining pin" (allen wrench, small nail, etc.) through the two holes so that the chuck and hand piece cannot spin freely. (fig 3 at right)
4. Twist open the chuck's jaws just enough to insert the twist drill, diamond point or grinding burr desired. Make sure that it is centered such that all three jaws will clamp down equally.
5. Tighten down the chuck and remove the retaining pin.



### Removing the FlexShaft

To remove your FlexShaft™, turn off the machine and firmly grasp the adapter end. Pull, applying steady force to remove the adapter from the shaft



YOU CAN	WORK THESE MATERIALS	USING THESE TOOLS
drill precise holes	woods, plastics, metals,	standard wood & metal shaft bits*.
	glass, ceramics, tile, stone	diamond coated shaft bits, diamond wire drills, bead reamers, and core drills*
custom engraving & designs	glass, ceramics, tile, stone	diamond engraving bits, carving tips
mark tools and valuables	all types	diamond engraving bits, carving tips
general cleaning	metals, jewelry, plastics, crystals	polishing and buffing wheels*
clean electrical contacts	brass, copper	wire wheels*
remove flash and mold part lines	plastics, metals	grinding and sanding wheels*
sand tight places	woods, plastics, metals	sanding drums*
create fine details	woods, plastics, metals	drilling and shaping bits*
fit and drill for tile installations	tile, ceramics, stone	diamond coated shaft bits and core drills*
polish and buff	aluminum, steel, brass, epoxy resins	diamond bits, polishing and buffing wheels*
<b>*all tools with 1/16" to 1/8" diameter shaft</b>		

## Service

If you have any questions or comments regarding the use of this or any Inland product please call Inland Customer Service at 1-800-521-8428 9 AM to 5 PM EST, email us at [helpdesk@inlandcraft.com](mailto:helpdesk@inlandcraft.com), or write us at:

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