

## Parts List:

Check your packaging for the following:

- The **Micro Stop** w/ 3" guide shafts installed
- Pr. 5" guide shafts
- 4 - 6-32 X 1/2" Anvil Screws (not shown)
- 4 - #5 Wood Screws(not shown)
- UHMW Mitre Slot Slide
- 2 - 8-32 Nylon Tip Adj. Screws
- 5/64 allen wrench
- 5cc Phil Oil sample
- Rubber Pad (for changing guide shafts)



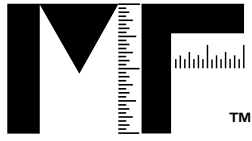
Over the last fifteen years, we've heard from many of our customers about how they'd like to have the fine-tuning capabilities of the Micro Fence on other machines in their shop. Our patented micrometer lead-screw/dial assembly is fitted with a precision-machined facia plate (the anvil) and a pre-drilled mounting plate to serve as a 'portable' stop or measuring device on virtually any woodworking machine you choose. Designed specifically for use with table saw cross slides, the **Micro Stop** has potential to improve set-up control on the chop box, band saw, shaper and router table fences, sanding machines, doweling and mortising machines or anywhere you want to add micrometer adjustment. (See our website for examples of how the Micro Stop has been used by our customers).

## Features

The **Micro Stop** sits on an aluminum plate that's machined square and is pre-drilled for easy mounting (or clamping) to whatever surface you wish. (A set of four screws are included for this purpose). This **Micro Stop-Basic** unit comes packaged with 3" shafts that allow 1 1/4" of anvil movement with up to 1" of micrometer travel. The anvil is pre-drilled and tapped (6-32 thread) in four locations to accept whatever secondary fence you'd like to attach. (Four 6-32 X 1/2" machine screws are also included for this purpose).

## Accessories:

Optional 5", 7" or 12" shafts are available and can increase the reach of the anvil to approximately 3 1/2", 5", or 10" should the need arise. A slide (UHMW) accessory is available (included with the **Micro Stop Pkg**), to fit the 3/4" mitre-gauge slots found on most table saws, band saws, shapers, router tables and sanders. The slide is drilled and tapped for attachment to the bottom of the Micro Stop platform plate. Two mountings are possible at 90 degrees to one another, allowing perpendicular or parallel postures.



Other potentially useful accessories include the Micro Fence **Stop Collar Sets** and longer guide shafts. (All Micro Fence guide shafts, i.e. 7", 12"; even 24" and 36" shafts are compatible). Whether your application is as simple as adding the adjustability of the **Micro Stop** to a miter-gauge cross-slide or whether you're building your own version of the world's most sophisticated router table, this component will probably improve its accuracy and performance.

### **Adjusting torque of the Lock Nut and Wave Washer**

The "feel" (tightness or looseness) of the adjustment screw (spindle) can be set by increasing or relieving the compression of the wave washer located in the spindle assembly. The locknut requires a 7/16" wrench. The more tightly compressed the wave washer is, the stiffer the feel of the spindle as it turns. If excessively loosened, lateral deflection of your Micro Stop is possible. As a rule, the nylock nut should be as tight as possible without making the spindle uncomfortable to turn with your thumb and forefinger.

### **Changing Guide Shafts**

A small rectangular rubber pad is included with your Micro Stop kit that can be used to prevent scratching to the various length guide shafts that can be used with the stop (3", 5", 7", 12", etc.). If using fingers or especially with pliers, the pad can be used to grip the stainless shafts during removal or re-installation without damaging them.

### **Cleaning and Maintenance: Avoid Over-Lubricating**

Keep your Micro Stop as clean and dust-free as possible with compressed air or a soft brush. An occasional *single* drop of light oil under the spindle lock thumbscrew will keep the lead screw turning smoothly. (More oil just tends to seep out of the spindle thread and create a dust 'magnet'). Our choice is **Phil Tenacious Oil** which we include in a 5cc sample bottle

We recommend cleaning and lubricating the stainless steel guide shafts with a good silicone-free dry lubricant. At our factory we use **Dynaglide** during the assembly process to both clean and lube. If you wish, it can be ordered directly from our website or by calling **1-800-480-6427**.