

## **CHIP SURFER™ INDEXING CHIP SURFER TIPS**

- Step 1: Screw tip into shank until finger tight (Figure 1a). Note a .010" gap (Figure 1b).  
Step 2: Use wrench to torque approximately 1/4 turn, creating a simultaneous fit (Figure 2).  
Step 3: Use .001" shim stock to check the simultaneous fit at the intersection of the tip and the shank.  
The shim should not be able to enter the intersection (Figure 3a).  
If it does, tighten further with the wrench until there is no gap (Figure 3b).

Note: Pre-set torque wrenches (series DT- . . .) can be purchased.

Figure 1a. Finger tight



Figure 1b. .010" gap



Figure 2. 1/4 turn



Figure 3a. Shim should NOT enter intersection



Figure 3b. Proper fit



Series DT- . . . Optional Torque Wrench

