KLW

Manufacturing & Design

KLW Z-Axis Tool Setter
Quick Start Guide

⭐ MADE IN USA ⭐

Tool Touch-Off

Place the tool setter on a clean portion of table. Jog the spindle to a similar position as shown in Figure 1, OR set an offset on the table where you wish to touch off your tools.

Example would be G154
X - 40.0, Y - 2.0. Enter this into the MDI screen in the following format: G00 G90 G154 X0. Y0. Press cycle start.

Lower the tool down on the tool setter until the indicator reads '0" as shown in Figure 2.

Press offset until you are in the tool offsets screen. Press the Tool Offset Measure button under F1 as shown below. Repeat for the rest of the tools.
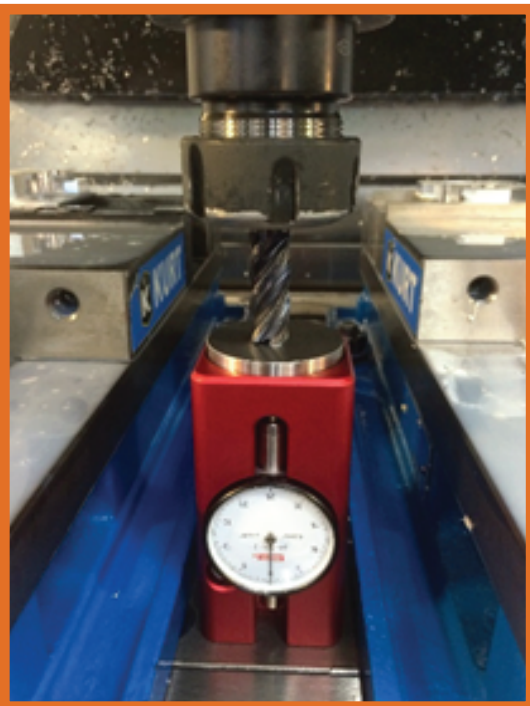

Figure 1

Figure 2

KLW sample using Haas controls

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Part Touch-Off
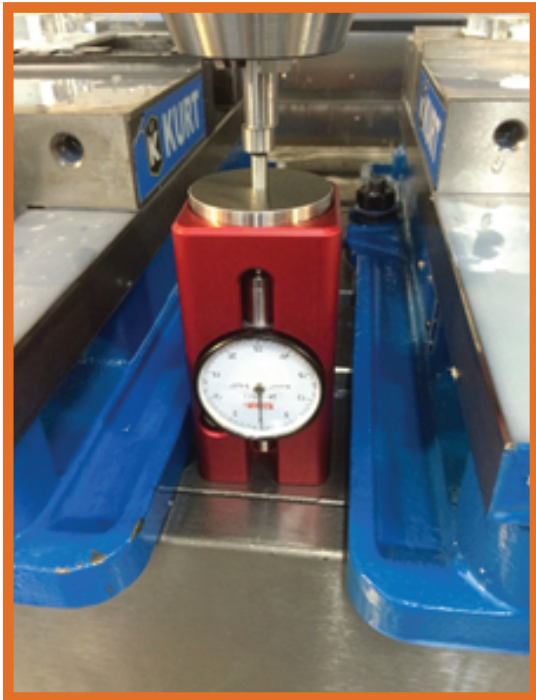
KLW uses edge finders.

Lower the edge finder onto the Tool Setter until it reads 0. See Figure 3.

Under the Positions screen, origin the Z axis.

Figure 3

Move the edge finder above the part you wish to touch off and slowly move it down in .001" increments until the end of the tool does not move. See Figure 4.

The number under positions in Z axis will be your Z work offset number.

Figure 4

KLW sample using Haas controls