



fancort industries, inc.

Tooling Newsletter

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Standoff Measuring Tool

Introducing a new measuring tool to accompany Fancort surface mount trim and form tools. This new tool is ideal for checking the finished standoff height on any formed device in a matter of seconds. It can also be used to measure the lead egress position before forming in order to set the micrometer on our universals and manual standoff tooling.

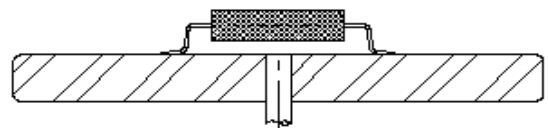
Measuring Standoff Height:

The digital micrometer moves the steel pin that you see in the photo up and down. The first step is to zero the micrometer so the steel rod is flush with the surface of the plate. The micrometer can be ordered in inches or millimeters. A formed part is then placed on the surface of the tool with the body over the steel pin. The operator turns the micrometer until the package starts to rotate.

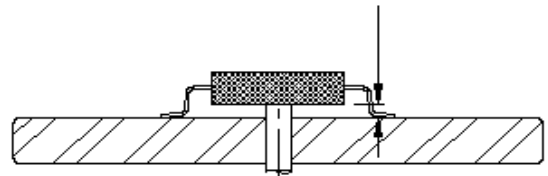
This indicates that the pin has contacted the bottom of the package. Read the dimension on the micrometer.

Measure Lead Egress Position:

Lead egress is an important dimension that is required to set the micrometer that is built into Fancort's manual standoff tools, e.g. F-1A/4, and universal tools, e.g. F-1B/1. The operator sets the component on the surface of the tool and turns the digital micrometer until the steel pin contacts the bottom of the lead as illustrated. Read and record the dimension. Add this dimension to the required standoff of the finished component, and this total will equal the desired leg length. Set the trim/form tool accordingly.



Standoff Measurement



Lead Egress Measurement

