

FP-1MASD (M805)

SINGLE SIDED FLAT PACK CUT AND FORM TOOL

The **FP-1MASD (M805)** Flat Pack cutting and forming die is designed to maximum flexibility while providing repeatability and quality of form. The single sided tool cuts and forms Flat Packs, Quad Packs, or custom ICs to reflow configuration. Forming one side at a time, the user has the ability to adjust for various body sizes, overall body-to-bend distance and body-to-board ("Z" height) while the footpad remains constant.

Digital Readouts Ease Set-Up

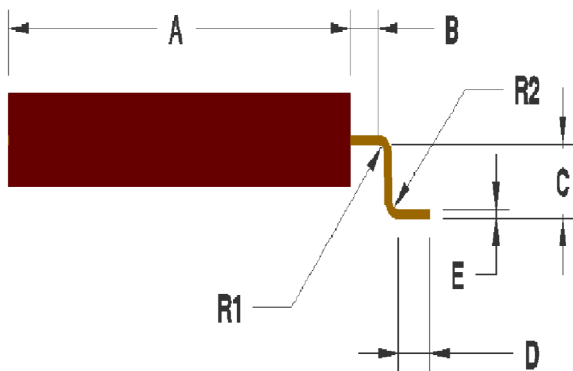
Variable Body-to-Bend Distance.

Variable body-to-PCB Distance.

Lead thickness/Top Radius Insert Change.

Cuts and Forms in One Operation.

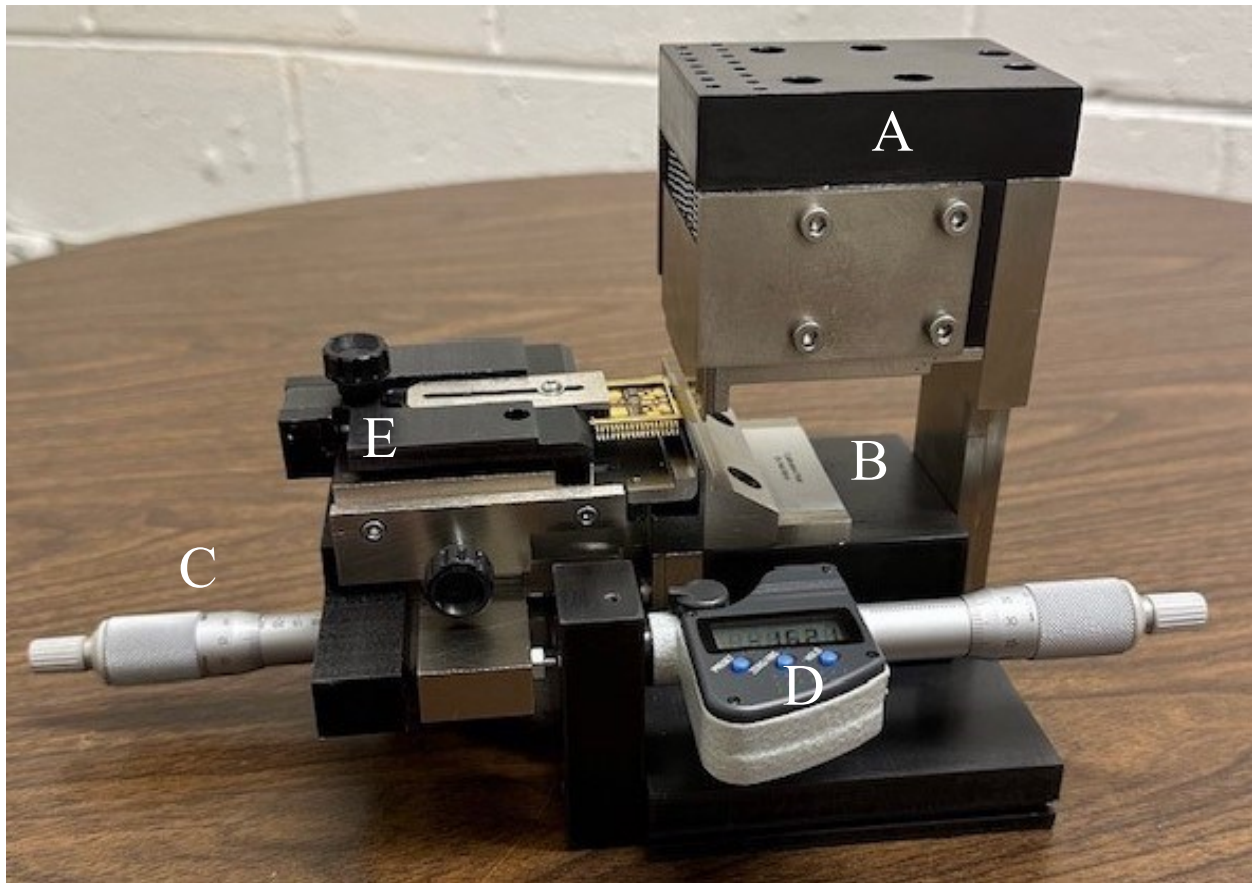
Adjustable Component Holding Nest Accepts all Packages.



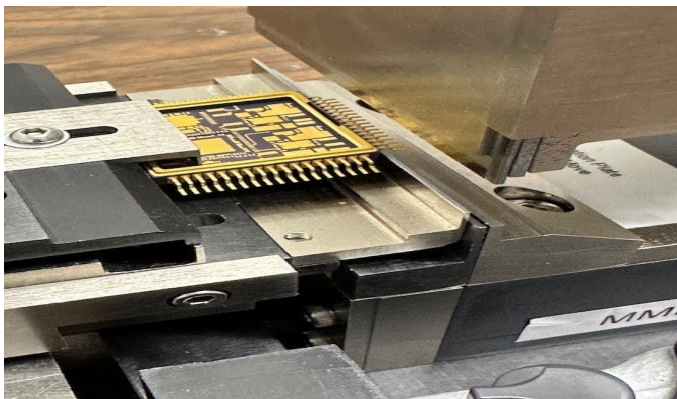
** Fixed Dimension, Please Specify*

		MINIMUM	MAXIMUM
A	Body Width	0.25" 6.35mm	2.5" 63.50mm
B	Body-to-Bend	0.035" 0.91mm	0.285" 7.25mm
C	Stand-Off	0" 0mm	0.250" 6.35mm
D*	Footpad	0.040" 1.00mm	Specify
E	Lead Thickness	0" 0mm	0.020" 0.50mm
R1	Radius	0.005" 0.13mm	0.020" 0.50mm
R2*	Radius	0.005" 0.13mm	0.020" 0.50mm

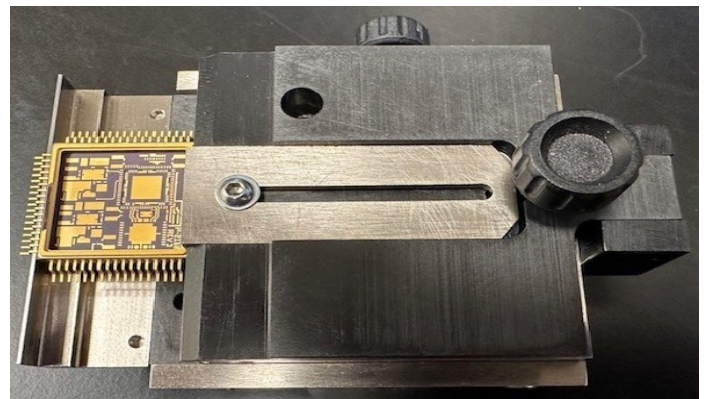
LOCATION OF MAJOR COMPONENTS



- A. Upper tool base with upper cutter, clamp and former.
- B. Lower Tool base with forming anvil and bottom cutter.
- C. Analog/Digital micrometer for body-to-bend distance adjustment.
- D. Analog/Digital micrometer for stand off height adjustment.
- E. Removable nest with component support for ease of loading the component.



The component is secured in the nest and then the component leads are clamped prior to forming and cutting,



Removable component nest eliminates component damage due to improper loading