

# Component Pre-Forming Tools

## TP8, TP9, TP12

TP 8



TP 9



TP 12



### Features:

- Simple to use hand operated component performing tool for precise 90° bending of leads from circuit board components such as resistors, diodes, etc.
- Pitch is easily adjusted via a thumbwheel on the tool
- Pointers enable fast and accurate setting of pitch by alignment with PC8 holes
- The TP9 accommodates the same range as the TP8 and adds the ability to crop to length at the same time
- The TP12 is similar to the TP9 but is designed to work on miniature components

### Specification Table

Lead Diameter (mm / inches):	TP8 – 0.25 to 1 mm (0.01 to 0.04 inches) TP9 – 0.25 to 1 mm (0.01 to 0.04 inches) TP12 – 0.25 to 1 mm (0.01 to 0.04 inches)
Maximum / Minimum Length of Bend (mm / inches):	TP8 – Max: 32 mm (1.26 inches) Min: 9.5 mm (0.37 inches) TP9 – Max: 32 mm (1.26 inches) Min: 9.5 mm (0.37 inches) TP12 – Max: 16 mm (0.63 inches) Min: 6.5 mm (0.26 inches)
Maximum / Minimum Length of Cut (mm / inches):	TP8 – tool does not cut TP9 – Max: 64 mm (2.5 inches) Min: 19 mm (0.75 inches) TP12 – Max: 32 mm (1.26 inches) Min: 16 mm (0.63 inches)
Minimum Distance of Bend From Body of Component (mm / inches):	TP8 – 1 mm (0.04 inches) TP9 – 1 mm (0.04 inches) TP12 – 1 mm (0.04 inches)
Maximum Component Body Diameter (mm / inches):	TP8 – 13 mm (0.51 inches) TP9 – 13 mm (0.51 inches) TP12 – 13 mm (0.51 inches)
Weight (g / oz):	TP8 – 226 g (8 oz) TP9 – 280 g (9.9 oz) TP12 – 240 g (8.5 oz)

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DURATOOL

Specification Table

Dimensions - Height × Width (mm / inches):	TP8 – 140 × 68 mm (5.5 × 2.7 inches) TP9 – 145 × 99 mm (5.7 × 3.9 inches) TP12 – 140 × 68 mm (5.5 × 2.7 inches)
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Part Number Table

Description	Part Number
Component Pre-Forming Tool, TP8	TP 8
Component Pre-Forming Tool, TP9	TP 9
Component Pre-Forming Tool, TP12	TP 12