



Special Engineered Tools

There is always a need for tools to fulfill special requirements that cannot be met by regular production tools. Our Special Engineered Tools are designed for those applications.

The tools featured here are only a small sampling of over 1000 different designs that we have manufactured as solutions to difficult assembly or rework requirements.

The Lindstrom staff can design special application tools by working from “before” and “after” components, engineering drawings, or prototypes. We even build tools drawn on the back of a napkin. It’s that easy.

We can modify tweezers to move tiny wafers without scratching the surface, or build extra-long-nosed pliers for extracting proprietary equipment. We can make one or several hundred. Minimum order quantity is one.

Handle Options

Standard

Ergonomic
Add Rx prefix to part number.
Example: Rx802C

Antistatic
Add AS prefix to part number.
Example: AS802C

Conductive
Add CO prefix to part number.
Example: CO802C

Insertion/Extraction

7992



IC Insertion/ Extraction Tool

Tool length: 4.5 in. / 11.43 cm
The 7990-7993 family of insertion/extraction tools can be used for ICs or DIPs from 4 pin to 64 pin. To order, indicate total number of pins on IC/DIP and length of package.

501



IC Cutter

Tool length: 6 in. / 15.24 cm
IC cutters can be produced to cut up to 10 pins simultaneously. Standoff length is typically .040" (1 mm) but can vary according to specifications. To order, indicate total number of pins on IC. Example: For 14 pin IC, order P/N 501-14 (Rx handle shown.)

801C



Insertion/Extraction Coax Connector Plier

Tool length: 6 in. / 15.24 cm
Reduces possibility of marred connector threads.



Standoff Cutters

111A



Straight Standoff Cutter

Tool length: 6 in. / 15.24 cm
Uncut lead capacity: .75" / 19 mm
Cuts leads to length as needed.
Standard length is .075" (1.9 mm) but varies according to specifications. Heavy-duty cutter that can be used on 16 AWG (1.295 mm) solid copper and also trims wire wrap pins. To order other than .075" standoff, specify length. Example: For .065" standoff, order P/N 111A-065

121A



Oblique Standoff Cutter

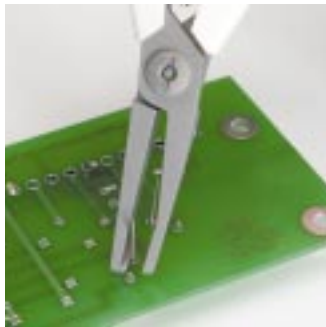
Tool length: 6 in. / 15.24 cm
Similar to 111A, heavy-duty type, featuring a 45° angle to allow for longer leads. Standoff is .045" (1.14 mm) unless otherwise specified. To order other than .045" standoff, specify length. Example: For .035" standoff, order P/N 121A-035

112A



Straight Standoff Cutter

Tool length: 4.5 in. / 11.43 cm
Uncut lead capacity: .75" / 19 mm
Anti-shock lead trimmer for use on 20 AWG (.813 mm) copper wire or smaller. Standoff is .040" (1 mm) unless otherwise specified. To order other than .040" standoff, specify length. Example: For .030" standoff, order P/N 112A-030



Cut & Bend

202A



Straight Cut & Bend

Tool length: 4.5 in. / 11.43 cm
Cuts leads to .060" (1.52 mm) and bends them at angle, leaving lead ends square. To order other than .060" and 20° indicate lead length and angle. Example: For .050" length and 30° angle, order P/N 202A-050 30°

212A



Oblique Cut & Bend

Tool length: 4.5 in. / 11.43 cm
Similar to 202A featuring an oblique angle that offers better lead visibility. To order other than .060" and 20°, indicate lead length and angle. Example: For .055" length and 35° angle, order P/N 212A-055 35°

204B



Bend and Cut

Tool length: 4.5 in. / 11.43 cm
Bends leads at 45° then cuts, leaving a .060" (1.52 mm) standoff. Other angles and lengths are available. To order other than 45° and .060", indicate degree of bend required and lead length. Example: For 40° angle and .050" length, order P/N 204B-050 40°



Cut & Form

331A



Cut and Form

Tool length: 6 in. / 15.24 cm
Cuts leads and forms dogleg on solid copper as large as 16 AWG (1.295 mm). To order, furnish component or rough drawing, indicate lead length, radii diameter and location.

Leadformers

304D



Flat Pack Leadformer

Tool length: 6 in. / 15.24 cm
Cuts and forms 8-lead flat packs. To order, indicate length from component body to bend, angle of bend and length of tail. (Rx handle shown.)

341A



Cut and Form

Tool length: 6 in. / 15.24 cm
Cuts leads to length and forms stress relief in component leads up to 16 AWG (1.9 mm) solid copper. To order, furnish component or rough drawing, indicate lead length, radii diameter and location.

601A



Leadformer

Tool length: 6 in. / 15.24 cm
Forms leads for stress relief up to 16 AWG (1.9 mm) solid copper. To order, indicate lead length (minimum/maximum) from component body to P.C. board and lead diameter.

614A



45° Oblique Leadformer

Tool length: 6 in. / 15.24 cm
Adds stress relief to leads in high density board population applications. Allows unlimited lead length forming with high visibility. To order, indicate lead length (minimum/maximum) from component body to P.C. board and lead diameter.



LINDSTROM

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