

# TOOLS

**EXTRACTION TOOL, 386 CPU**—80386 extraction tool (antique lover's special!).  
**TX8136-14X14 AUGAT**

**EXTRACTION TOOL, 486 CPU**—**TX8136-17X17 AUGAT**

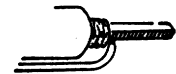
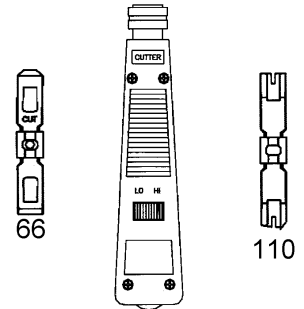
**EXTRACTION TOOL, PLCC**—Universal, fits 20-84 positions. **900-032 ECLIPSE**

**PICKUP TOOL, FLEXIBLE, HANDY**—Mechanical fingers reach inaccessible places. Holds screws, nuts, and bolts to start. 20" reach. **5089 GC**

**PUNCHDOWN TOOL KIT, TELEPHONE**—Impact tool terminates wires on 66 & 110 clips. Spring loaded, fully adjustable. **PA3526 PAL** (tool only) **PA4527 PAL** (66 blade only, no tool) **PA4528 PAL** (110 blade only, no tool) **PA3540.1 PAL** (tool + both blades + leather pouch)

**WIRE WRAP TOOL** — Pencil style: wraps, strips, and unwraps solid hook up wire. **12-603 GC** (22-24 awg, .045" sq post) **12-600** (30 awg, .025" sq post)

Flexible Pick-Up Tool



## **Paladin Tools**



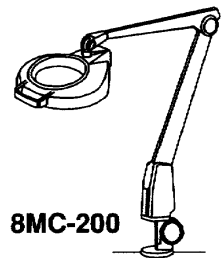
**OPTI-VISOR**—Optical glass binocular magnifier. Leaves both hands free, tilts up when not in use. Adjusts to all head sizes, leather comfort band. Comes with a lens that magnifies 1¾ times (14" focal length). **EL-993 VIGOR**.

Accessory **OptiLoupe** lens adds 2½ times extra magnification. **EL-891 VIGOR**

—LITE No. 2001 — the unbreakable illuminated  
 use a powerful Optical-Quality Magnifying Lens.  
 lens with a magnifying lens. Penlite best-  
 if, only 7 1/2" long.  
 stand, or  
 use with  
 TE No.  
 with  
 a cool  
 Light  
 for  
 and 2  
 red. Also  
 bulb. Also  
 Lens. Con-  
 that is made for  
 mt. A handy Reader for use anywhere with  
 7 snap-in bulbs.



**MAGNA-LITE READERS**—Illuminated pocket magnifier-flashlight reader. **1502 MAG** (3 power) **1002 MAG** (5 power) **3002 MAG** (10 power) **2001 MAG** (jumbo size, 2 power).



**8MC-200**



**7100-08**

**8MC-200 DAZOR**—Circle magnifier with floating arm. Light source is a 22 watt circular fluorescent that sheds even, shadow free light. The 5" diameter crown-optical glass lens has 3 diopter (75% magnification). Arm reach is 42". Almond color. Made in USA. **8MC-200 DAZ** Extra circular fluorescent lamp is #**FC8T9/CW DAZOR** Extra clamp-on base is #**7100-08 DAZOR**.

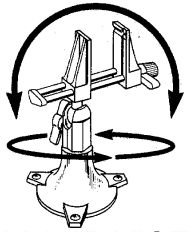


**8ML-100**  
**8ML-104**

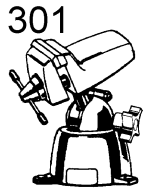
**8ML-100, 8ML-104 DAZOR**—Circle magnifier on goose neck. **8ML-100** uses a frosted tubular incandescent bulb with a maximum of 60 watts (40 recommended). 30" reach. **8ML-104** uses a 13 watt compact fluorescent tube. Glass lens is 3 diopter with 5" diameter. Black color. Made in USA.

**PANA VISE®**

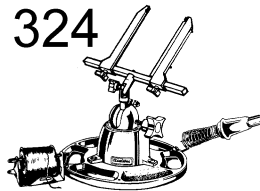
(everybody should have one little vise)



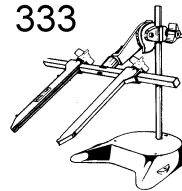
201 JR VISE



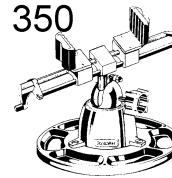
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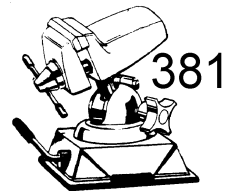
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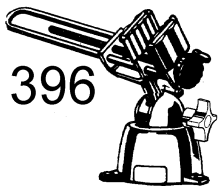
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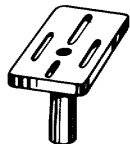
350



381



396



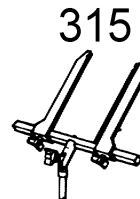
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303



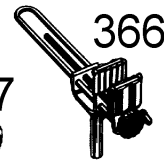
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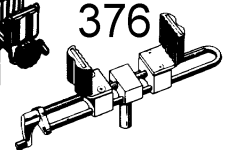
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337

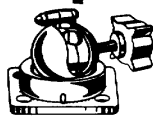
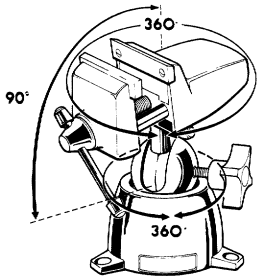


366



376

**HEADS**



400



300



305

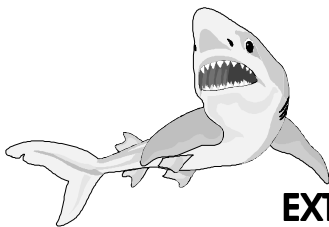


380



336

**BASES**



308



310



311



312

**BASE MOUNTS**

**EXTRA JAWS FOR 303 & 304 HEADS**

The **343 Nylon** jaws are included with the 303 Standard Head. These jaws offer excellent electrical insulation and gentle holding power. Made of type 66 nylon, they will withstand intermittent heat to 300°F (149°C), or continuous 200°F (93°C).

The **344 Grooved Nylon** jaws are similar to the 343 Nylon jaws except that they have a small horizontal groove running the width of the jaws. Perfect for holding small tubes, rods, circuit boards, etc. firmly in place.

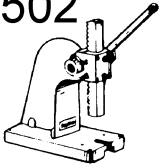
The **352 Teflon High Heat** jaws are used in high heat environments where the 343 or 344 Nylon jaws would be damaged, and when the 353 Steel or 354 Brass jaws would damage the piece being held. Temperature limits are 840°F (499°C) intermittent and 500°F (260°C) constant.

The **353 Plated Steel** jaws are included with the 304 Low Profile Head. These husky jaws are recommended when working with high heat or heavy objects.

# TOOLS

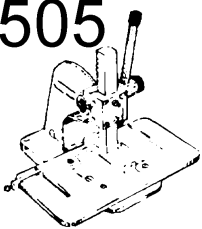
## PANAVISE®

502



**502 PANAPRESS**—The 502 Standard PanaPress weighs less than 6 pounds (2.7kg) and stands 7" (178mm) high. This hand arbor press exerts pressure up to 1/4 ton. Featuring a reversible ram, this piece of equipment is ideal for pressing bearings, sleeves, collars, forming and assembling small parts, punching, riveting, broaching, staking, etc.

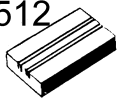
505



**505 IDC BENCH PRESS**—The 505 1/4 ton manual IDC Bench Assembly Press is a rugged, practical installation tool designed for low volume, mass termination of various IDC connectors on flat (ribbon) cable. Interchangeable base plates accommodate a broad range of IDC connectors, and are capable of mass terminating up to 64-conductor cable in seconds without wire stripping or soldering. Perfect for independent technicians and in-house service departments. A full series of base plates and cutters are available. Customized base plates are available on request.

The **507 Flat (Ribbon) Cable Cutter** is used for consistent right angle cuts on up to 64-conductor **ribbon cable** on the 505.

512

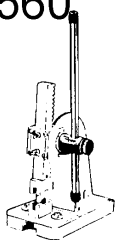


This **510 Base Plate** is used for installing female socket transition connectors on the 505.

The **511 Base Plate** is used for installing **card edge connectors** on the 505.

The **512 Base Plate** is used for installing all standard **DIP plugs** on the 505.

560



The **Model 513 Base Plate** is used for installing **D-Sub connectors** on the 505.

**560 CRIMP PRESS**—The perfect alternative to hand crimpers. May reduce the incidence of wrist tendon/nerve damage or Carpal-Tunnel Syndrome. Will accept PanaVise, Shattuck (Ideal), and Paladin die sets. The 560 has a 1/4 ton capacity, and boasts a 20:1 leverage ratio assuring effortless operation.

**FASTER THAN A SPEEDING LOCOMOTIVE**—That's how quickly **Ack** will endeavor to fill your order and ship your parts to you. With over *30,000* different parts **in stock**, there is a good chance we'll have what you need on our shelves so you'll have it the next business day (within 150 miles). Pick up the phone and call or fax in your order!



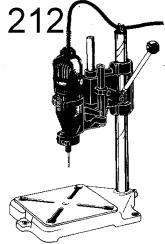
**DREMEL®**

**2750 SINGLE SPEED MOTO-TOOL KIT**—Includes a Model 275 Moto-Tool and fifteen accessories/bits for use on a variety of materials, including metal, plastic and wood. 2750 Kit Contains: one Model 275 Single Speed Moto-Tool (includes Quick Change Collet Nut, 1/8" collet, and wrench), one Accessory/bit holder, one 15 piece accessory/bit assortment. **2750 DREMEL**



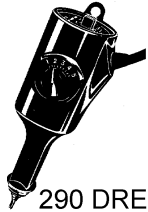
**2850 TWO SPEED MOTO-TOOL KIT**—Comes with Model 285 Two Speed Moto-Tool and thirty accessories/bits in a handy carrying case. 2850 Kit Contains: one Model 285 Two Speed Moto-Tool (includes Quick Change Collet Nut, 1/8" collet, and wrench), one Storage/Carrying Case, and one 30 piece accessory/bit assortment. **2850 DREMEL**

**212 DRILL PRESS ATTACHMENT**—Make your Moto-Tool even more versatile with a 212 Drill Press that includes many of the same features as larger units. Rack & Pinion feed lever provides smooth, precise operation. 6"x 6" slotted base accommodates hold down clamps. Calibrated depth shaft with adjustable depth stop provides accurate, consistent drilling depth. Holds Moto-Tool Models 275, 285, 395, 595 and 850 Freewheeler only. **212 DREMEL**



**219 TABLE TOP SPEED CONTROL**—Dial speeds up to full RPM. 5 amp capacity. Use only with single speed Moto-Tools #245, 250, 260, 270, 275, 280, Moto-Flex Tool 232 and 732 Flex Tool. **219 DREMEL**

**290 ENGRAVER**—Stroke adjustment dial on tool regulates engraving depth, from fine line to deep grooves. Works on metal, plastic, glass, ceramic, wood and even leather. 5 dial settings. Includes replaceable carbide steel engraver point (9924 DRE) **290 DREMEL**



**DYNAMIC DUO**—The original Mr. "Ack" (founder of **Ack Birmingham** in 1946) and Tommy "Ack" (founder of **Ack Atlanta** in 1958) at a Westinghouse Semiconductor conference in the Bahamas in the early 1950s.