



### 6" MAX CIRCLE CUTTER

- Has been a General Tools customer favorite for more than 30 years.
- Adjusts from 1" to 6" (26 to 152mm) diameter circles 3/16".
- Replaceable high-speed steel bit and replaceable 1/4" pilot drill.
- Maximum safe speed is 500 RPM.
- All adjustments are made with a hex wrench which is included.
- For use with drill press only.

| Model        |
|--------------|
| 4&5BLADE     |
| 5B           |
| 5/6/55 DRILL |



### MACHINIST'S JACK

- Use on drill presses, shapers, milling machines, planers, electric appliances or any place leveling is needed.
- Heavy cast steel base with adjustable screw and tilting swivel head; locknut for permanent positioning.
- Lifting capacity is approximately 1,000 lbs.
- 1" adjustment; 3" high closed; 4" high fully extended.

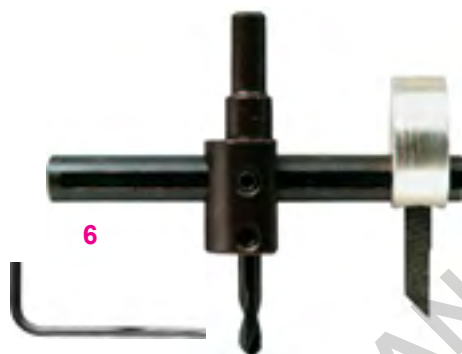
| Model |
|-------|
| 7     |



### WASHER AND GASKET CUTTER

- This tool cuts washers and gaskets in leather, rubber, cork, graphite, fiber, copper and other soft materials.
- Combination round and square shank permits use with bit brace or hand drill.
- Made of steel with graduated beam to adjust to diameters from 5/8" to 6-1/2" (16 to 165mm).
- Replaceable tool steel Cutter Blades No. 11B.
- Two independently adjustable cutter blades cut inside and outside diameters simultaneously.
- For bit brace and hand powered drill only.

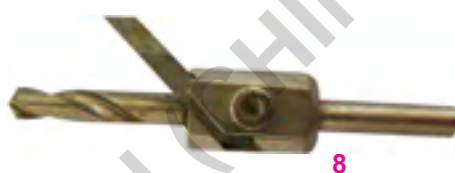
| Model | CAPACITY                  |
|-------|---------------------------|
| 11    | 5/8" to 6-1/2"            |
| 11B   | Replacement blades (Pair) |



### WHEEL AND CIRCLE CUTTER

- General's Wheel and Circle Cutter is the only one that cuts the exact diameter you need anywhere from 1" to 6" (26 to 152mm).
- Ideal for woodworkers, model builders, clockmakers, and hobbyists.
- Produces precision circles and holes in sheet metal, brass, copper, aluminum, plastic, wood, and composition materials.
- Change from circle to wheel cutting by simply reversing the double ended blade.
- Sturdy round shank for use in any drill press or drill stand with 3/8" chuck.
- Maximum safe speed is 500 RPM.
- Replaceable double ended 9/32" cutter blade is made of high-speed steel for precise clean cuts.
- All adjustments are made with a hex wrench which is included.
- For use with drill press only.

| Model   |
|---------|
| 6       |
| 6 BLADE |



### Hole cutter

- # 8 Capacity 7/8" to 1 1/2"
- # 9 Capacity 1-1/4" to 2-1/2"

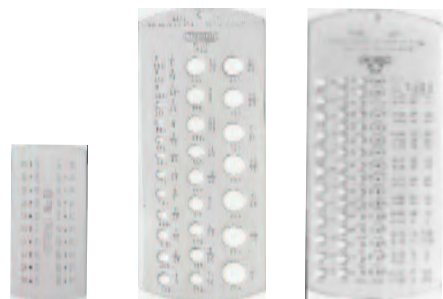
| Model |
|-------|
| 8     |
| 9     |



### COUNTERSINK AND SCREW DRILL SET

- Drills and countersinks screw holes in one operation
- Set includes four popular size bits and adjustable depth stop for making flush, countersunk, or plug depth holes.
- Packaged in a snap button plastic case complete with instructions.

| Model | SCREW SIZE              |
|-------|-------------------------|
| S10   | Nos. 6, 7, 8, 9, 10, 12 |



13 14 15

### DRILL GAGES

- General's drill gages are used to quickly and conveniently identify drill bit sizes.
- Made of heat treated heavy gage steel, machined and ground to close tolerances.
- Hole sizes and decimal equivalents are permanently etched on the face.
- No. 13 is 3" x 1-1/8" wide. Nos. 14 and 15 are 6-1/2" x 2-1/2" wide.
- No. 14 and No. 15 conform to government specifications GG-G-86b.

| Model | Number size drills   |
|-------|----------------------|
| 12    | A to 2               |
| 13    | 61 - 80              |
| 14    | 1/16" - 1/2" x 64 th |
| 15    | 1 - 60               |



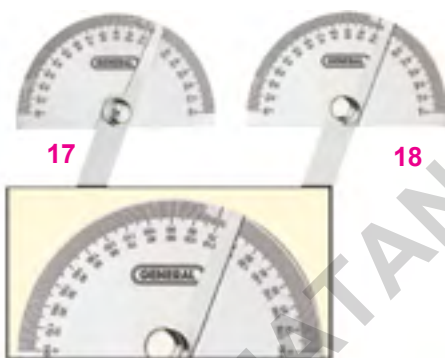
16me

#### MULTI USE RULE AND GAGE

- One of our most popular pocket tools performs five separate and distinct functions.
- Drill point gage is used for checking 59° angle drill points.
- Bevel protractor is used for measuring and laying out angles.
- Center finder locates centers of shafts or circles.
- Circle divider (up to nine equal parts) is used for dividing circles into sectors, regular polygons and polygrams.
- Tap and drill table shows popular tap sizes with correct drill sizes for National form of thread.
- Made of long-wearing stainless steel.
- 4" rule has etched graduations in 64ths and millimeters.

Model

16me



17

18

#### STEEL PROTRACTORS

- Preferred by machinists, draftspeople, and mechanics for setting bevels, measuring and transferring angles.
- Made of ground stainless steel for optimum accuracy.
- Permanently etched graduations from 0 to 180° in opposite directions.
- 3-3/8" x 2" head.
- 6" adjustable protractor arm locks into desired position with knurled thumb nut.

| Model | STYLE                                |
|-------|--------------------------------------|
| 17    | Square head                          |
| CF17  | Square head<br>(Satin Chrome Finish) |
| 18    | Round head                           |

19

#### PROTRACTOR AND DEPTH GAGE

- Permanently etched with graduations from 0 to 180° in opposite directions.
- Narrow 6" x 1/4" depth gage rule has etched graduations in 32nds and 64ths.
- Spring tension nut locks rule for making both depth and angle measurements.
- Packed in individual vinyl case.
- Made of stainless steel.

| Model | STYLE                                |
|-------|--------------------------------------|
| 19    | Square head                          |
| CF19  | Square head<br>(Satin Chrome Finish) |

20

#### WIRE GAGE

- American Standard wire 0 to 36 used for gaging non-ferrous wire and metals such as copper, brass and aluminum.
- Chrome finished, heavy gage hardened and tempered tool steel.
- Desimal equivalents of each size are stamped on reverse side.
- 3-3/4" diameter, 3/32" thick.

Model

20

21

#### SHEET METAL GAGE

- For gaging uncoated sheet metal, plate iron and steel.
- Gage numbers are U.S. Standard 0 to 36, based on weights in ounces per square inch.
- Desimal equivalents of each size are stamped on reverse side.
- Satin finished, heavy gage steel is hardened and tempered.
- 3-1/4" diameter, 3/32" thick.

Model

21

#### W & M WIRE GAGE

- For gaging the thickness of steel, wire, and rod.
- Front is etched with Washburn and Moen standard wire-gage sizes from 3 to 20 and corresponding decimal equivalents.
- Reverse side si 5" rule marked with fractions of an inch from 1/32" to 1/4" and millimeters.
- Made of stainless steel.

Model

25

26

#### SCREW AND WIRE GAGE

- Front side measures American Standard wood screw No. 0 to No.30 at one edge, wire and screw diameters from 1/16" to 7/16" on opposite edge.
- Reverse Wire gage (BWG) from 17 to 0000 on one edge. New Standard or American Wire gage (AWG) from 15 to 0000 on the opposite edge.
- Also includes 3" rule measuring screw lengths.
- Measures 4"x 1-3/8".
- Made of stainless steel.

Model

26



31A

31B

31C

#### PLUG CUTTER SET

- General's Plug Cutters produce accurate plugs for covering screw holes in decking, flooring and other woodworking projects.
- Permits choice of matching or contrasting plugs for decorative effect.
- Engineered to start cutting plugs easily with hand-held drills or drill press.
- Cutter will produce and eject straight plugs from stock up to 3/4" thickness.
- Made of hardened alloy steel with 3/8" shank.

| Model | SHANK | DIA.      |
|-------|-------|-----------|
| 31A   | 3/8"  | 3/8" dia. |
| 31B   | 3/8"  | 1/2" dia. |
| 31C   | 5/8"  | 5/8" dia. |





33

#### DRILL SAW

- Multi-function bit drills, saws, and reams hard and soft woods, plywood, plastic, brass, and aluminum.
- Cross milled cutting edges for rapid, nonclog cutting.
- For use with portable electric drill or drill press.

| Model |
|-------|
| 33    |



35MM

#### DRILL GAGES

- General's drill gages are used to quickly and conveniently identify drill bit sizes.
- Made of heat treated heavy gage steel, machined and ground to close tolerances.
- Hole sizes and decimal equivalents are permanently etched on the face.

| Model | Number size drills                 |
|-------|------------------------------------|
| 35MM  | Metric size drills to 13mm x 0.5mm |



41

#### DRILL CASE (NUMBER SIZE)

- For 1 to 60 number drills
- Automatic self positioning
- Opens instantly-closes flat
- Easy reading eye-level index
- Handy tap drill index
- Protects drills at all times
- Life time construction

| Model |
|-------|
| 41    |



42

#### DRILL CASE FRACTIONAL SIZE

- Automatic self positioning
- Opens instantly closed flat
- Easy reading eye-level index
- Protects drills at all times
- Life time construction

| Model |
|-------|
| 42    |

For 1/16" to 1/4" drill by 64ths



45

#### DRILL CASE (LETTER SIZE)

- For A to Z letter drills
- Automatic self Positioning
- Open in stantly-close flat
- Easy reading eye-level index
- Handy tap drill index
- Protects drills
- Life time construction

For A to Z letter size Drills

| Model |
|-------|
| 45    |



51

#### DRILL STAND FOR NUMBER DRILLS (WIRE GAGE SIZE)

- 1 to 6

| Model |
|-------|
| 51    |



52

#### DRILL STAND EASY READING FOR FRACTIONAL SIZE DRILLS FROM 1/16" TO 1/2" SIZE DRILLS

1/2 31/64 15/32 29/64 7/16 27/64 13/32 25/64 3/8 23/64 11/32 21/64 5/16 19/64 9/32 17/64 1/4 15/64 7/32 13/64 3/16 11/64 5/32 9/64 1/8 7/64 3/32 5/64 1/16

| Model |
|-------|
| 52    |



53

#### DRILL STAND FOR LETTER SIZE DRILLS

- A to Z

| Model |
|-------|
| 53    |



54

#### DRILL STAND FOR SIZE IN MILLIMETER

FROM 1.0 to 13.00 by 1/2 mm Decimal in inches 0.394 to 5118

| Model |
|-------|
| 54    |



57

#### DRILL STAND

- Our Drill Stand works on bench or mounted on pegboard or wall, for easy drill bit access.
- Drill size are marked in contrasting color on high strength ABS black plastic.
- Drill bits not included.

| Model | FOR DRILL BITS |
|-------|----------------|
| 56    | 1-60 ABS       |
| 57    | 1/16" to 1/2"  |



67

#### SNAP RING PLIERS

- For proper installation or removal of exterior and interior snap rings.
- Each pair of pliers is furnished with four pairs of interchangeable, high carbon steel points.
- Vinyl cushion grips provide comfort and balance.
- Tempered steel spring insures performance under tough industrial use.

| Model | DESCRIPTION              |
|-------|--------------------------|
| 66    | External snap ring plier |
| 67    | Internal snap ring plier |







### 68 SLIDE LOCK WIRE STRIPPER

- Handy slide lock wire stripper and cutter.
- Slide lock can be set to desired size for repetitive stripping.

| Model | Wire gage capacity |
|-------|--------------------|
| 68    | 12 thru 26         |



### 69 DIAL WIRE STRIPPER

- Dial the wire size desired for individual or repetitive stripping without damaging wire.
- Spring opening for fast and easy cutting or stripping.
- Dial lock closes stripper to protect hardened cutting edges.
- Vinyl cushion handles.

| Model | Wire gage capacity             |
|-------|--------------------------------|
| 69    | 12, 14, 16, 18, 20, 22, 24, 26 |



### 72 REVOLVING PUNCH PLIER

- A convenient spring tension, self-opening tool for punching round holes in leather, plastic, rubber, canvas, cardboard and similar materials.
- Made of plated steel with six tapered and hollow, hardened steel punches.

| Model | Length         |
|-------|----------------|
| 72    | 8-1/4" (210mm) |



73A



73B



73D



73F

### SQUARE SHANK PUNCH

- Square knurled body will not roll.
- Each punch stamped with size for quick identification.
- Conforms to government specifications GGG-P-831E.

| Model | DIA SIZE |
|-------|----------|
| 73A   | 1/16"    |
| 73B   | 5/64"    |
| 73D   | 1/8"     |
| 73F   | 1/4"     |



SPC74

### ROUND SHANK CENTER PUNCHES

- Points are ground to size for maximum strength and penetration.
- Knurled body.
- Stamped with size for quick identification.
- Set contains of 5 size 1/16", 5/64, 3/32", 9/64", 5/32"
- Packed in a vinyl case.

| Model |
|-------|
| SPC73 |
| SPC74 |

S75



### DRIVE PIN PUNCHES

- Tool steel punches are uniformly heat treated and centerless ground to withstand the hardest use.
- Ends are ground square for accurate pin driving.
- Packed in a plastic case.

| Model |              |
|-------|--------------|
| SPC75 | Plastic case |

| Model | Punch Dia. | Overall Length |
|-------|------------|----------------|
| 75B   | 3/32"      | 4"             |
| 75C   | 1/8"       | 4"             |
| 75D   | 5/32"      | 4"             |
| 75E   | 3/16"      | 4"             |
| 75F   | 7/32"      | 4"             |
| 75G   | 1/4"       | 4"             |
| 75H   | 5/16"      | 4"             |

SPC78



### EXTRA LONG DRIVE PIN PUNCHES

- Made of tool steel, hardened and centerless ground.
- For use on work not accessible with shorter punches.
- Knurled body is 4-1/2" long and the drive pin section 3-1/2" long
- Packed in a vinyl case.
- Conforms to gov. specs, GGG-P-831E.

| Model | Punch Dia.                    |
|-------|-------------------------------|
| SPC76 | 1/8", 3/16", 1/4" 5/16", 3/8" |

| Model | Punch Dia. | Body Dia. | Length |
|-------|------------|-----------|--------|
| 76A   | 1/8"       | 7/16"     | 8"     |
| 76B   | 3/16"      | 1/2"      | 8"     |
| 76C   | 1/4"       | 1/2"      | 8"     |
| 76D   | 5/16"      | 1/2"      | 8"     |



77

### AUTOMATIC CENTER PUNCH

- Punches, marks, scribes and starts drill, nail or screw holes.
- One-hand spring impact operation. No hammer needed.
- Body Dia. 5/8", L. 5"
- Spring tension adjusts for light or heavy markings.
- Ball bearing action.
- Lightweight aluminum body with long wearing alloy steel parts.
- Hardened steel point.

| Model |
|-------|
| 77    |



78

### HEAVY-DUTY STEEL AUTOMATIC CENTER PUNCH

- Heavy-duty center punch.
- Punches, marks, scribes and starts drill, nail or screw holes.
- One-hand spring impact operation. No hammer needed.
- Spring tension adjusts for light or heavy markings.
- Black oxide finish inhibits rust.
- All-steel body with threaded, replaceable hardened steel point.
- Body Diameter is 5/8"

| Model | Body Dia. |
|-------|-----------|
| 78    | 5/8"      |



79

### STEEL AUTOMATIC CENTER PUNCH

- For making lighter markings than our Heavy-Duty Punch No. 78.
- Black oxide finish inhibits rust.
- All-steel 5" body with threaded, replaceable hardened steel point and shaft.
- Body diameter is 1/2".

| Model |
|-------|
| 79    |



80

### FIXED TWO POINT SCRIBER

- Hardened and ground steel needle points are fixed to a knurled body.
- Has one point and one bent point.
- Measures 8-1/2" overall.

| Model |
|-------|
| 80    |





#### POCKET SCRIBER

- Replaceable hardened and centerless ground steel point.
- Point reverses into knurled body for safety.
- Hex cap prevents rolling.
- Body Dia. 3/8"

| Model |
|-------|
| 81    |



#### DOUBLE ENDED SCRIBER

- For scribing lines in layout work, engraving, woodworking, and other trades
- Double honed points are hardened and tempered
- Fluted firm grip body

| Model |
|-------|
| 82    |



#### POCKET SCRIBER

- Replaceable hardened and centerless ground steel point.
- Point reverses into knurled body for safety.
- Hex cap prevents rolling.
- Body Diameter. 1/4"

| Model | Price |
|-------|-------|
| 83    | 240.- |



#### REPLACEABLE NEEDLEPOINT SCRIBER

- Scribes stainless steel, copper and brass.
- Nork pattern scriber measures 5-5/16" overall.
- Four extra points are stored under cap.

| Model | Length            |
|-------|-------------------|
| 84    | 5.5/16"           |
| 84P   | Replaceable point |



#### SOAPSTONE MARKING TOOL

- Aluminum soapstone holder with locking feed screw.
- Stones can be sharpened on sandpaper.
- Marks are visible through welding glasses/shields.
- Marks do not degrade like chalk.
- Oversized knurled locking screw for secure fit.
- Pocket clip for easy storage.

| Model | Size         |
|-------|--------------|
| 86    | 3/32"x4.1/2" |



#### POCKET AUTOMATIC CENTER PUNCH

- Pencil slim design with pocket clip.
- Punches, marks, scribes and starts drill, nail or screw holes.
- One-hand spring impact operation. No hammer needed.
- Spring tension adjusts for light or heavy markings.
- Lightweight aluminum body with long wear alloy steel parts.
- Hardened steel point.

| Model |
|-------|
| 87    |



#### TUNGSTEN CARBIDE TIP SCRIBER/ETCHING PEN

- Tungsten carbide tip marks hard materials including hardened steel, stainless steel, ceramics and glass.
- Screw chuck for reversing tungsten carbide point when not in use.
- Knurled aluminum handle provides maximum control and comfort.
- Point is replaceable.
- Convenient pocket-clip.

| Model |
|-------|
| 88    |



#### TUNGSTEN CARBIDE SCRIBER AND MAGNET

- Tungsten carbide tip marks hard materials including hardened steel, ceramics and glass.
- Alnico permanent magnet picks up small parts and retrieves steel chips from hard-to-reach places.
- Scriber point reverses for safety.
- Overall length 6"

| Model | Length            |
|-------|-------------------|
| 88CM  | 5.5/16"           |
| 88P   | Replaceable point |



#### DOUBLE AND PIN VISE

- Each end has a double end collet which may be reversed to dedired to desired size.
- Nickel plated body is made of tubing to permit use of long wire or rods.
- 3-3/4" long with 5/16" body diameter.

| Model | Capacity                      |
|-------|-------------------------------|
| 90    | 0.0 to 0.125"<br>0.0 to 3.2mm |



#### ADJUSTABLE PIN VISE

- Use for electronic assembling, toolmaking, modle making and hobbies.
- Holds small drill, burrs, wires, files, reamers and other small tools.
- 3-jaw hardened steel keyless chuck, sturdy plastic handle.
- Overall lenth 6-7/8", body diameter 1"

| Model | Capacity                        |
|-------|---------------------------------|
| 93    | 0.040 to 0.250"<br>1mm to 6.4mm |



#### SINGLE AND PIN VISE SET

- For holding small rods, wire, drills, taps and other small tools.
- Tool steel collets are hardened and grip firmly when screw chuck is tightened.
- Nickel plated body is hollow to permit holding of long rods of wire.
- Available in individual sizes.
- Conforms to government specifications GGG-V-412a.

| Model | Range   |
|-------|---|
| S94   | Set of size, A-D listed below, packed in a plastic case |
| 94A   | 0 to 0.055"<br>(0 to 1.40mm)                            |
| 94B   | 0.025 to 0.075"<br>(.64 to 1.91mm)                      |
| 94C   | 0.045 to 0.125"<br>(1.14 to 3.2mm)                      |
| 94D   | 1.110 to 0.187"<br>(2.80 to 4.75mm)                     |

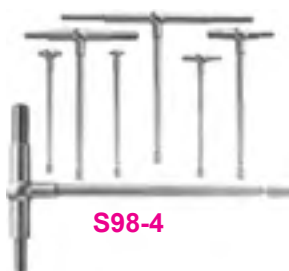


#### FLAT HOLE GAGES

- Capacity from 1/8" to 1/2"
- .125" to .200"
- .200" to .300"
- .300" to .400"
- .400" to .500"

| Model |
|-------|
| S96   |





S98-4

#### TELESCOPING GAGES

- These gages are used for quick and accurate measurement of inside diameters of holes and widths of slots from which micrometer measurements are taken.
- Both gaging ends are heat treated tool steel and ground to a radius for measuring the smallest hole the gage will enter.
- Self-centering action ensures accuracy.
- Long handled design provides improved reach in deep holes and slots.
- Satin chrome finish.
- Available in sets of four or six.

| Model | Range   |
|-------|---|
| S98-4 | One each of four size, AA-E, listed below, packed in vinly case |
| S98-6 | One each of six size, AA-E, listed below, packed in vinly case  |
| 98-AA | 5/16" to 1/2" (7.5-12mm)  |
| 98-A  | 1/2" to 3/4" (12-20mm)  |
| 98-B  | 3/4" to 1-1/4" (20-31mm)  |
| 98-C  | 1-1/4" to 2-1/8" (31-35mm)                                      |
| 98-D  | 2-1/8" to 3-1/2" (53-88)  |
| 98-E  | 3-1/2" to 6" (88-140mm)   |

117



#### TOOLMAKER'S SET

- A precision set for toolmakers and machinists.
- Made of hardened tool steel machined mad ground in pairs to close tolerances.
- Clamping capacity 1".
- Block are approximately 1-1/4" aquare by 1-5/8" long, (31mm x 40mm).
- Two V-Blocks and two clamps are included in the set.
- Additional clamps available.

| Model |
|-------|
| 117   |

118B



#### TOOLMAKER'S PARALLEL CLAMPS

- For holding or clamping work together when drilling, tapping, welding and assembling.
- Jaws and screws are hardened.

| Model | Capacity | Length        |
|-------|----------|---------------|
| 118A  | 1-1/4"   | 2"(50mm)      |
| 118B  | 1-3/4"   | 2-1/2" (63mm) |
| 118C  | 2-1/4"   | 3"(75mm)      |
| 118D  | 2-3/4"   | 4"(100mm)     |



123R

#### MINI TUBING CUTTER

- Comfort grip design for easy turning.
- Full size bearing tool steel cutter wheel.
- Large fluted adjusting knob for greater torque.
- Cuts copper, aluminum, brass, thin wall tubing and stainless steel.
- Wide hardened flared grooved rollers allows true cuts close to flared end tubing to avoid tube replacement in existing installations.
- Replaceable cutting wheel, RW121 for tubing, RW122 for iron pipe and RW122P for PVC.

| Model | Capacity                  |
|-------|---------------------------|
| 123R  | 1/8" to 5/8" (3mm - 15mm) |

RW121



#### REPLACEMENT CUTTER WHEELS

- Hardened alloy and tool steel cutter wheels. The RW121 is interchangeable with all General cutters. Use RW122 and RW122P wheels with our high capacity cutters Nos.125, 126 and 127.

| Model |
|-------|
| RW121 |



125

#### HEAVY DUTY CUTTER

- Newly redesigned comfort grip for heavyduty and industrial applications.
- Bearing tool steel cutter wheel.
- Wider, hardened flared grooved rollers allow cuts close to a flared end to avoid tube replacement in existing installations.
- Full size fold-out reamer.
- Cuts copper, aluminum, brass, thin wall tubing and stainless steel.
- Oversize knob for additional leverage.
- Spare cutting wheel storage position in handle.
- Replaceable cutting wheels:RW121/2, RW122.

| Model | Capacity                   |
|-------|----------------------------|
| 125   | 1/4" to 1-1/2" (6mm- 37mm) |



128

#### ENCLOSED FEED CUTTER

- General's finest professional quality cutter.
- Feed is enclosed to keep tool size consistent for work in confined spaces.
- Enclosed threads seal out dirt for long life
- Flare groove rollers.
- Hardened steel retractable reamer with build-in gas bottle wrench .
- Replaceable hardened alloy steel cutter wheel plus extra cutter wheels.
- Conforms to goverment specifications GGG-C-771d.

| Model | Capacity                  |
|-------|---------------------------|
| 128   | 1/8" to 1-1/8" (3mm-30mm) |

130



#### T-HANDLE REAMER

- Made of hardened and tempered tool steel with precision ground cutting edges.
- T-handle provides leverage for easier reaming.

| Model | Capacity     |
|-------|--------------|
| 130   | 1/8" to 1/2" |

131



#### SCREWDRIVER HANDLE REAMER

- General's easy-to-use reamer is perfect for in-home plumbing.
- Fluted plastic handle.
- Hardened and ground tempered steel.

| Model | Capacity     |
|-------|--------------|
| 131   | 1/8" to 3/8" |



132ME

#### POCKET CALIPER

- Stainless steel slide caliper with inside and outside readings in metric and inches.
- Decimal equivalents on back.
- Scale has etched and filled graduations.
- 3" (76mm) capacity.

| Model | Grads        |
|-------|--------------|
| 132me | 32nds and mm |







134

#### INNER/OUTER REAMER

- Inner/Outer Reamer will work on steel, iron, copper and PVC.
- Zinc die-cast body.
- Capacity 1-1/2" diameter (12.7mm).
- Grooved outer body gives you an easy grip.
- Internal and external reamers are made of heat treated high carbon steel.

| Model | Capacity      |
|-------|---------------|
| 134   | 1-1/2" (38mm) |



RS136

#### ROUND SHANK REAMERS

- General's best selling heavy-duty reamers are used by mechanics and plumbers.
- Forged high carbon heat treated tool steel.
- 1/2" round shank for use in drill presses or large capacity power drills.

| Model | Capacity       |
|-------|----------------|
| RS136 | 1/4" to 1 1/2" |



157

#### DOUBLE FLARING TOOL

- Specially designed to double flare tubing for high pressure applications in automotive, air conditioning and refrigeration.
- Accurately single or double flares copper, aluminum and thin wall tubing for leak free connections.
- Quick opening plated steel bars for easy insertion and removal of tubing.
- Plated steel yoke and hardened steel bars for accurate flaring.
- Double flare inserts are case hardened steel.
- All parts have rust resistant finish.
- Portable storage case.

| Model | Grads   |
|-------|---|
| 157   | 3/16", 1/4", 5/16"<br>3/8", 7/16", 1/2", 5/8" |

180R



#### REVERSIBLE RATCHET TAP WRENCHES

- Ratchet can be set for right-hand or left-hand operation or locked for non-ratchet use.
- Self-centering hardened tool steel jaws and knurled chuck sleeve provide positive grip on taps, reamers and small tools.
- Sliding T-handle for fitting into tight spaces with operator leverage.
- Portable storage case.
- No. 161R conforms to government specification GGG-W-680a.

| Model | Capacity               | Length            |
|-------|------------------------|-------------------|
| 160R  | 0-8<br>(1.6-4mm)       | 2-3/4"<br>(70mm)  |
| 161R  | 0-1/4"<br>(1.6-6.3mm)  | 3-1/2"<br>(88mm)  |
| 162R  | #12-1/2"<br>(6-12.5mm) | 4-1/4"<br>(106mm) |

164



#### PLAIN TAP WRENCHES

- Self-centering hardened steel jaws and knurled chuck sleeve.
- No. 163 has rigid T-handle.
- Nos. 164 and 166 have sliding T-handle for fitting into tight spaces with greater leverage.

| Model | Capacity                    | Length           |
|-------|-----------------------------|------------------|
| 163   | 0 - 8<br>(1.6 to 4mm)       | 2-1/4"<br>(57mm) |
| 164   | NO.0-1/4"<br>(1.6 to 6.3mm) | 2-3/4"<br>(70mm) |
| 166   | NO.12-1/2"<br>(6 to 12.5mm) | 3-3/4"<br>(95mm) |



174

#### DIE STOCK MOLDER

- For one inch diameter round dies.
- Looking set screw.

| Model |
|-------|
| 174   |



180

#### FAUCET HANDLE PULLER

- Removes large and small faucet handles with ease.
- Two adjustable fingers 4 inches long for a more secure grip.
- One-piece forged drive bracket for strength.

| Model |
|-------|
| 180   |

182



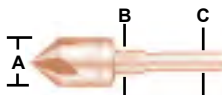
#### 4-WAY FAUCET WRENCH

- One tool does the work of four individual wrenches.
- Sizes: 1/4", 9/32", 5/16", 11/32" internal square.
- Fits stopcocks, sillcocks and valves.
- Heat treated steel for greater strength.

| Model |
|-------|
| 182   |



195-1/2



#### 5 FLUTE ROSE PATTERN COUNTERSINKS

- The rose pattern cutting flutes assure chatter free countersinking on steel, brass, aluminum, plastic, wood & other materials.
- Made of high-speed steel with five flutes.
- 82 point angle.
- Stepped shank for use with 1/4" and 3/8" chucks.

| Model   | A    | B    | C    |
|---------|------|------|------|
| 195-1/2 | 1/2" | 3/8" | 1/4" |
| 195-5/8 | 5/8" | 3/8" | 1/4" |



196

#### HAND REAMER AND COUNTERSINK

- Handy tool for countersinking or deburring small jobs.
- The 3/4" five-flute tool steel cutter makes fast work of deburring. Deburring plastic, copper, iron pipe and sheet metal.
- Heavy-duty, ergonomically designed handle.

| Model | Capacity       | Length            |
|-------|----------------|-------------------|
| 196   | 3/4"<br>(19mm) | 5-1/8"<br>(130mm) |



230



### 26-LEAF ECONOMY GAGE

- General's best selling feeler gage provides precision accuracy at a reasonable price.
- 3" leaves include the following sizes: .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, and .025".
- Metric range is from .037 to .635mm.

| Model | Leaves | Sizes         |
|-------|--------|---------------|
| 230   | 26     | .0015"to.025" |



252

### SCREW PITCH GAGES

- These finely crafted measuring devices are used for gaging V, American National or U.S. standard 60 threads.
- Gages are notched for measuring inside threads of small holes and nuts as well as external threads.
- Set of 51 screw pitches combines all sizes from 4 to 84, including 11-1/2 and 27 pipe thread sizes.
- Knurled thumb nuts lock the case in an open or closed position.

| Model | No. of Pitches | Sizes      |
|-------|----------------|------------|
| 252   | 22             | 9 to 40    |
| 255MM | 22             | .35 to 6mm |



### EDGE FINDERS

- General's edge finders accurately locate working edges, shoulders, grooves, centerpoints and scribed lines.
- Time-saving positioning tools for jig borers, milling and other machines.
- Hardened and centerless ground to precision tolerance.
- All sizes 3" long.

| Model | End    | Size            | Shank       |
|-------|--------|-----------------|-------------|
| 260   | Single | .500"           | 1/2" (13mm) |
| 263   | Single | .200"           | 3/8" (10mm) |
| 264   | Double | .200" and point | 1/2" (13mm) |

MG-S278me



### ULTRATEST® COMBINATION SET WITH SQUARE HEAD, CENTER HEAD, AND REVERSIBLE PROTRACTOR HEAD

- Double shoulder reversible protractor head.
- 12" etched, high carbon steel ruler with satin chrome finish.
- Square head has spirit level and hardened scriber.
- Meets gov. specification GGG-S-656C.

| Model     | Graduations                |
|-----------|----------------------------|
| MG-S278me | 32, 64, 0.5mm and mm grads |



300

### PRECISION 150mm FLEX STEEL RULE

- Graduation - mm, .5mm.
- Ultra fine black graduations.
- Polished Stainless Steel finish.
- Length is 150mm long.
- Width is 15/32".
- Convenient Pocket Clip.
- Comes in a plastic case.

| Model |
|-------|
| 300   |



300me

### PRECISION 6" FLEX STEEL RULE

- Graduation - mm, 64ths; Metric Equiv.
- Ultra fine black graduations.
- Polished Stainless Steel finish.
- Length is 6" (150mm) long.
- Width is 15/32".
- Convenient Pocket Clip.
- Comes in a plastic case.

| Model |
|-------|
| 300me |



350-1

### ALNIMAG POCKET TYPE

- Permanent magnet
- weight : 1 oz. (28 g.)
- Pull : 2 lbs. (0.9 kg.)

| Model |
|-------|
| 350-1 |



350-2

### ALNIMAG POCKET TYPE

- Permanent magnet
- weight : 2 oz. (57 g.)
- Pull : 4 lbs. (1.8 kg.)

| Model |
|-------|
| 350-2 |



351-B

### ALNIMAG POWER TYPE

- Permanent magnet
- weight : 6 oz. (170 g.)
- Pull : 10 lbs. (4.5 kg.)

| Model |
|-------|
| 351-6 |



352-B

### ALNIMAG BUTTON TYPE

- Permanent magnet
- weight : 1 oz. (28 g.)
- Pull : 2 lbs. (0.9 kg.)

| Model |
|-------|
| 352-B |



352-C

### BUTTON TYPE ALNIMAG

- Permanent magnet
- weight : 2 oz. (57 g.)
- Pull : 3.25 lbs. (1.5 kg.)

| Model |
|-------|
| 352-C |



355

### HOESHOE POCKET MAGNET

- Handy pocket magnet has 10 lb. pull.
- Lightweight high strength plastic frame.

| Model |
|-------|
| 355   |







370-1



370-2

### POWER ALNICO MAGNETS

- Strong magnetic pull for lifting, holding, sorting, clamping or retrieving steel or iron parts.
- Hole in top of magnet for attaching conveyors, racks, and welding jigs.

| Model  | Size Oz | Approx Pull lbs. | Width   | Height   | Pole Depth | Pole Width | Opening Between Poles | Cored Hole | Weight each with Keeper |
|--------|---------|------------------|---------|----------|------------|------------|-----------------------|------------|-------------------------|
| 370-1  | .8      | 8                | 1-1/8"  | 1"       | 5/16"      | 5/16"      | 1/4"                  | —          | 1                       |
| 370-2  | 2       | 13               | 1-1/8"  | 3/4"     | 3/4"       | 1/4"       | 9/16"                 | 3/16"      | 3                       |
| 370-3  | 3       | 17               | 1-5/16" | 1-3/8"   | 5/8"       | 3/8"       | 5/16"                 | —          | 4                       |
| 370-4  | 4       | 22               | 1-1/2"  | 1"       | 1"         | 5/16"      | 3/4"                  | 3/16"      | 5                       |
| 370-6  | 6       | 30               | 1-3/4"  | 1-1/8"   | 1-1/8"     | 5/16"      | 7/8"                  | 3/16"      | 8                       |
| 370-8  | 8       | 32               | 2-3/16" | 1-13/16" | 15/16"     | 1/2"       | 1-3/16"               | 3/16"      | 10                      |
| 370-10 | 10      | 37               | 2-7/16" | 2"       | 15/16"     | 5/8"       | 1-3/16"               | 3/16"      | 13                      |
| 370-12 | 12      | 42               | 2-5/8"  | 2-1/4"   | 15/16"     | 5/8"       | 1-3/8"                | 3/16"      | 15                      |
| 370-16 | 16      | 50               | 3"      | 2-1/2"   | 15/16"     | 3/4"       | 1-1/2"                | 3/16"      | 20                      |
| 370-24 | 24      | 70               | 2-1/2"  | 1-13/16" | 1-7/8"     | 5/8"       | 1-3/8"                | 1/4"       | 28                      |



375

### MAGNETIC ADJUSTABLE WELDING LINKS

- Ideal for holding steel plates in position for welding, brazing, and soldering, eliminating the need for clamps or temporary fastening.
- General's welding links are constructed of two heavy duty Alnico magnetic blocks linked together with a strong steel bar and wing nuts for easy angle adjustment.

| Model | Size of block | Pull per block |
|-------|---------------|----------------|
| 375   | 2" x 1" x 1"  | 25 lbs.        |



376A

### SHALLOW POT CERAMIC MAGNETS

- Shallow depth permits use in confined spaces.
- Nos. 376A and 376B have 3/16" diameter clearance holes for fastening with rods or bolts.
- Nos. 376C and 376D have 9/32" diameter clearance holes.

| Model | Dia    | Depth | Pull    |
|-------|--------|-------|---------|
| 376A  | 1-3/8" | 3/16" | 12 lbs. |
| 376B  | 2"     | 1/4"  | 20 lbs. |
| 376C  | 2-5/8" | 3/8"  | 35 lbs. |
| 376D  | 3-1/4" | 7/16" | 50 lbs. |



379



372

### BUTTON TYPE ALNICO MAGNETS

- Button shaped magnet has almost unlimited applications.
- Retrieves screws and steel parts.
- Center hole on top of magnet for easy fastening.

| Model | DIA.   | HT.  | PULL        | CORED HOLE |
|-------|--------|------|-------------|------------|
| 372A  | 1/2"   | 3/8" | 1-1/2 lbs.  | 1/8"       |
| 372B  | 3/4"   | 1/2" | 4 lbs.      | 1/8"       |
| 372C  | 1"     | 5/8" | 6-1/2 lbs.  | 3/16"      |
| 372D  | 1-1/4" | 3/4" | 14 lbs.     | 3/16"      |
| 372E  | 1-1/2" | 7/8" | 18-1/2 lbs. | 1/4"       |



373-1/2

### BAR TYPE MAGNET ROUND X 2"

| Model   | Size             |
|---------|------------------|
| 373-1/2 | 2 1/2" DIA. x 2" |



374A

### POT TYPE ALNICO MAGNETS

- Unique combination of strong magnet with insulating ring gives this magnet the superior holding power of larger magnets.
- 1/4" diameter x 20 threads-per-inch hole for attaching to fixtures and machines.

| Model | Dia    | Pull    | WT    | HT.  | Price |
|-------|--------|---------|-------|------|-------|
| 374A  | 11/16" | 6 lbs.  | 6 oz. | 5/8" | 320.- |
| 374B  | 13/16" | 10 lbs. | 6 oz. | 3/4" | 450.- |



375-X

### 16 LEAF RADIUS OR FILLET GAGE

- 1/32" to 17/64" by 64th
- concave & convex

| Model |
|-------|
| 375-X |



373-2

### BAR TYPE ALNICO MAGNETS

- For laboratory and shop use.
- May be used singly, in pairs, or end to end in multiples.
- Dimensions are for single bars.
- Remove keepers for use.

| Model | Size                 |
|-------|----------------------|
| 373-2 | 2 3/8"x5/8"x2" (842) |
| 373-3 | 2 3/8"x5/8"x3" (843) |

### PICKUP / RELEASE MAGNET

- A one-hand operated magnetic tool for picking up and releasing iron and ferrous objects.
- Wide 4" (102mm) diameter magnetic surface holds more pieces.
- 16 lbs. of lifting power.
- Ideal for cleaning-up around power equipment such as drill presses, milling machines and lathes.

| Model | Pull    |
|-------|---------|
| 379   | 16 lbs. |





380A

#### THREE POINT SCRIBER

- Finest quality machinist's scriber.
- Aluminum knurled body, with three interchangeable threaded steel points: short straight, short bent and long bent.

| Model | Size   |
|-------|--------|
| 380A  | 9"-12" |



381

#### SCRAPER/SCRIBER

- For punching, marking, cutting, scraping and carving plastic, leather, paper and rubber.
- Combines a needle sharp hardened scriber with a specially designed hardened raked angle sharp chisel scraper in the same tool.
- Knurled 1/4" body with an overall length of 6-1/2".

| Model | Size        |
|-------|-------------|
| 381   | 1/4"x6.1/2" |



383NX

#### TELESCOPING MAGNETIC PICKUPS

- A powerful permanent magnetic pickup tool.
- Ideal for retrieving steel and iron parts from hard-to-reach work areas.
- Magnet is fitted in a 5-1/2" long nickel plated steel handle that can extend up to 23-1/2".
- Holder is fitted with a pocket clip.

| Model | Pull       |
|-------|------------|
| 383NX | 2 lb. pull |



384N

#### FLEX-O-STIFF MAGNETIC PICKUP

- An ideal tool for retrieving steel parts from hard-to-reach places.
- High-powered neodymium magnet is six times more powerful than standard magnet.
- Permanent magnetic power.
- Magnet is fitted into an 18" (457mm) nickel plated holder, which can be extended to a 32" (813mm) flexible retriever.

| Model | Magnet | Pull       |
|-------|--------|------------|
| 384N  | NEO    | 2 lb. pull |



S389-4

#### WIGGLER/CENTER FINDER SET

- The snap-in ball and socket wiggler is essential for precise setups in machine shops.
- Locates spindle centers and working points on drill presses, milling and other machines.
- Four interchangeable point attachments snap into adjustable spring tension clutch holder.
- Set includes snap-in holder, needle point, disc point, ball shaft and indicator shaft packed in a vinyl case.

| Model  |
|--------|
| S389-4 |



390

#### ALNICO MAGNET LABORATORY KIT

- An assortment of permanent Alnico magnets designed for laboratory use in schools, colleges, and other institutions.
- A valuable aid for demonstrating the principle of permanent magnets and plotting magnetic fields of various shapes.
- Kit consists of No. 370-3, No. 371, and one pair of No. 373-2.

| Model | Weight |
|-------|--------|
| 390   | 9 oz.  |



393A

#### NOTCHED ALNICO ROUND BAR MAGNETS

- Permanent Alnico round bar magnets are notched to identify north pole.
- Sold in pairs.

| Model | Dia  | Length | Weight  |
|-------|------|--------|---------|
| 393A  | 1/4" | 13/16" | 1/2 oz. |



394

#### EXTRA-LONG, MAGNETIC PICKUP WITH PIVOT JOINT

- An excellent tool for retrieving steel parts from hard-to-reach places.
- High-powered neodymium magnet lifts up to five pounds and will never lose its magnetism.
- Steel body measures 13" (330mm) and can be extended to 27" (685mm).
- Locking pivot joint allows user to pick up objects around corners.
- Body is chrome plated, with a vinyl cushion grip handle.

| Model | Pull       |
|-------|------------|
| 394   | 5 lb. pull |

#### PERMANET ALNICO MAGNETS



394-A

• 2.3/8"x3/16"x1.13/16"



394-B

• 2.1/2"x3/16"x 1.1/16"



394-C

• 2.3/8"x5/8"x3/16"

| Model |
|-------|
| 394-A |
| 394-B |
| 394-C |



398

#### TOOLMAKER'S SURFACE GAGES

- Spindle arm and scribes are adjustable and lock into position at any angle for laying out and scribing lines.
- Hardened and ground steel base has V-groove for scribing cylindrical work.
- Recessed front allows spindle to be depressed below base line for depth gaging.
- With scriber point and two spindles.

| Model | Spindles  | Base                 |
|-------|-----------|----------------------|
| 398   | 4" and 7" | 2-1/8"x 1-9/16"x3/4" |



402-4

#### OUTSIDE CALIPER

- Flat leg
- Machinist pattern
- Polished steel
- Available in 4", 6", 8" size

| Model | Size |
|-------|------|
| 402-4 | 4"   |
| 402-6 | 6"   |



## INSIDE CALIPER



404-4

| Model | Size |
|-------|------|
| 404-4 | 4"   |
| 404-6 | 6"   |



401XX



403



408



410

## INDIVIDUAL STYLES OF INDUSTRIAL TWEEZERS

General's quality tweezers for toolmakers, repairmen, electronic assemblers and other professionals.

| Model | Point style          | Length |
|-------|----------------------|--------|
| 401XX | Strong sharp         | 4-1/2" |
| 403   | Blunt serrated       | 6"     |
| 407   | Blunt (soldering)    | 4"     |
| 408   | Sharp bent           | 4-1/4" |
| 410   | Narrow sharp         | 4-1/4" |
| 411   | Sharp (self-closing) | 4-3/4" |
| 412   | Blunt (slide lock)   | 6-1/2" |
| 413   | Sharp                | 4-1/2" |



414



415



416



417

## UTILITY TWEEZERS.

Utility tweezers for mechanics, craftspeople and hobbyists.

## INDIVIDUAL STYLES OF UTILITY TWEEZERS

| Model | Point style                   | Length |
|-------|-------------------------------|--------|
| 414   | Blunt serrated (self closing) | 6-1/2" |
| 415   | Curved                        | 6-1/2" |
| 416   | Spade                         | 4-1/2" |
| 417   | Long straight                 | 6-1/2" |



423-3



423-7

## SWISS PATTERN TWEEZERS

- Light tension and hardened points for subminiature assemblies.
- Stainless steel construction.
- Finest quality precision points.

| Model | Point style | Length |
|-------|-------------|--------|
| 423-3 | Very fine   | 4-5/8" |
| 423-4 | Extra fine  | 4-1/4" |
| 423-7 | Curved fine | 4-1/2" |



425-4

| Model | Price |
|-------|-------|
| 425-4 | 160.- |

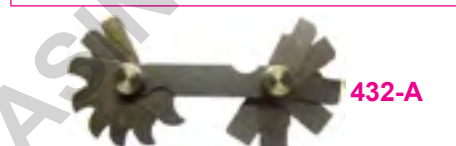


430-A

## 34 LEAF RADIUS OR FELLER GAGE

- 1/64" to 17/64" by 64ths' Concave and Convex

| Model |
|-------|
| 430-A |



432-A

## 16 LEAF RADIUS OR FELLER GAGE

- 1/32" to 17/64" by 64ths. Concave and Convex.

| Model | Price |
|-------|-------|
| 432-A | 620.- |



444

## DEPTH/ANGLE GAGE

- Our easy to read gage makes precise depth measurements in small holes and slots; also doubles as a protractor.
- Spring tension nut eases depth and angle measuring by securing rule in milled slot at 90° angle to base.
- Permits easy setting of protractor angle to 30°, 45° and 60° settings on both sides.
- 6" x 1/4" etched stainless steel rule graduated in 32nds and 64ths.
- 2-1/2" wide hardened steel base.
- Conforms to government specifications GGG-G-17b.

| Model |
|-------|
| 444   |



452-2

## OUTSIDE CALIPERS

- Legs are forged of special caliper steel.
- Hardened and tempered bow springs.
- Hardened measurement points.

| Model | Size |
|-------|------|
| 452-2 | 2"   |
| 452-3 | 3"   |
| 452-4 | 4"   |
| 452-6 | 6"   |



454-2

## INSIDE CALIPERS

- Legs are forged of special caliper steel.
- Hardened and tempered bow springs.
- Hardened measurement points.

| Model | Size |
|-------|------|
| 454-2 | 2"   |
| 454-4 | 4"   |
| 454-6 | 6"   |



S475

## SWISS PATTERN NEEDLE FILE SET

- A complete set of General Purpose files to meet the needs of craftsman, hobbyists and jewelers.
- Files are made of high quality tool steel.
- Set includes 12 different files including the three most commonly used file shapes: flat, round and triangular. All measure 5-1/2" (138mm) long.
- Packed in snap button plastic case.
- #2 single style cut.

| Model | Length | File in set |
|-------|--------|-------------|
| S475  | 5-1/1" | 12          |







520

#### PRECISION ADJUSTABLE TRAMMELS

- Draw large circles and measure sizable distances with the accuracy of a divider.
- Fine adjusting screw sets points accurately.
- Points are removable and may be replaced with the pencil holder.
- Die-cast bodies with hardened and ground 3" (76mm) needlepoint legs.
- Clamp opening for beam is 3/8" x 3/4" (10 x 19mm).
- Conform to government specifications GGG-T-661b.

| Model |
|-------|
| 520   |



523

#### ADJUSTABLE TRAMMELS

- General's adjustable trammels accurately measure and mark distances that are too great for conventional compasses and dividers.
- For layouts, marking templates, and drawing large circles.
- 6" (153mm) off-center eccentric points provide fine adjustments.
- Points can be replaced with pencils, ballpointpens, crayons, or soapstone sticks for marking various materials.
- Clamps onto beam 5/8" to 1-1/2" (16 to 38mm) thick of any length.

| Model |
|-------|
| 523   |



532

#### 2.5 POWER POCKET MAGNIFIER

- Has 2.5 power ground and polished optical glass.
- Folds into case for storage.

| Model | Power | Focal Length |
|-------|-------|--------------|
| 532   | 2.5   | 4"           |



541

#### ULTRATECH™ GLASS MAGNIFIERS

- Polished optical glass lens with a metal frame.
- Versa-Grip™ Handle with non-slip cushion grip.
- Round lens is distortion free.
- A powerful magnifier for working in confined or obstructed spaces.
- Designed for demanding jobs in laboratory quality control, inspection and assembly functions.
- Used by engineers, mechanics, inspectors, lab technicians, toolmakers, instrument assemblers, jewelers, do-it-yourselfers, hobby and crafts people.

| Model | Diameter      | Power | Focal Length |
|-------|---------------|-------|--------------|
| 541   | 2-1/2" (65mm) | 1.6   | 6"           |
| 542   | 3" (75mm)     | 1.6   | 6"           |
| 543   | 3-1/2" (90mm) | 1.25  | 8"           |
| 544   | 4" (100mm)    | 1.25  | 8"           |



548

#### RECTANGULAR MAGNIFYING READING GLASS

- Powerful ground and polished optical glass lens.
- Lens is 2" x 4" with 1.25 power magnification.
- Plastic frame and ribbed handle.

| Model | Power | Focal length |
|-------|-------|--------------|
| 548   | 1.25  | 8"           |



550

#### MAGNETIC SCALE MAGNIFIER

- For magnifying graduation lines on steel rules, height gages, vernier calipers and other instruments where accurate and precise readings are essential.
- Has a 1" diameter lens with 4.0 power magnification.
- Clear plastic body with power, permanent magnet in base.

| Model | Power | Focal length |
|-------|-------|--------------|
| 550   | 4.0   | 2-1/2"       |



552

#### MAGNETIC BASE MAGNIFIER

- Ground and polished 1" diameter optical lens.
- 4 power lens swivels in any direction on the magnetic base.
- Magnifier can be removed from base and attached to steel rules, instruments and machines.

| Model | Power | Focal length |
|-------|-------|--------------|
| 552   | 4.0   | 2-1/2"       |



553

#### 4 POWER POCKET ILLUMINATED MAGNIFIER

- Handy 4 power magnifier has plastic body and lens.
- Comes with 2 "AAA" batteries and No. 222 bulb.

| Model | Power |
|-------|-------|
| 553   | 4     |



#### INSPECTION MIRRORS

- These mirrors facilitate inspection of inaccessible workpieces and machines by toolmakers, assemblers, inspectors and mechanics.
- Fully polished mirrors are enclosed in plated holders which are attached to knurled handles with ball and socket joints.
- Nos. 557, 577, and 560/570 have telescoping arms and vinyl cushion grip handles.

| Model | Size               | Overall Length          |
|-------|--------------------|-------------------------|
| 555   | 1-1/4" dia.        | 8"                      |
| 557   | 2-1/4" dia.        | 10-1/2", extends to 15" |
| 558   | 1" x 2" oval       | 9"                      |
| 560   | 3-1/2" x 2" oblong | 11.1/2", extends to 16" |



S805

#### FIVE BLADE SCREWDRIVER

- One nickel plated body with screw chuck and five interchangeable blades.
- Four tempered steel straight blades and one. 0 crosspoint blade.
- Injection molded plastic case.

| Model | Blade width                                       |
|-------|---|
| S605  | Sizes: .040", .055", .070", 100" AND# 0crosspoint |





SPC606

#### JEWELER'S SCREWDRIVER

- Nickel plated handle with screw chuck.
- Three tempered straight blade size, one crosspoint blade and one scratch awl in a fitted vinyl case.

| Model  | Blade width  |
|--------|--|
| SPC606 | Straight blade size .100", .070", .040", No. 0 crosspoint and scratch awl. |



700

#### 5-PIECE PRECISION SCREWDRIVER SET

- Patented ergonomically designed handle for rapid rotation, greater comfort and control.
- Chrome plated vanadium steel blade ensures long life.
- Large swivel head for greater control.
- Hardened tip and shaft for maximum workload.
- Blasted tip for maximum torque.

| Model | Description                 |
|-------|-----------------------------|
| 700   | #00, #0, #1<br>#3/32", 1/8" |

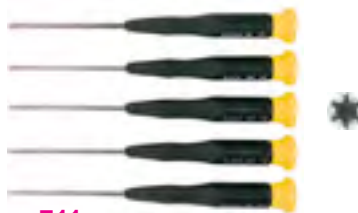


710

#### 10-PIECE HEX DRIVER SET

- Patented ergonomically designed handle for rapid rotation, greater comfort and control.
- Heat treated high carbon alloy steel blade.
- Black oxide surface to prevent corrosion and rust.
- Large swivel head for greater control.

| Model | Description   |
|-------|---|
| 710   | #00, #0, #1<br>3/32", 1/8", 9/64"<br>T-9, T-10<br>3/32", 1/8" |



711

#### 5-PIECE TORX SCREWDRIVER SET

- Patented ergonomically designed handle for rapid rotation, greater comfort and control.
- Chrome plated vanadium steel blade ensures long life.
- Large swivel head for greater control.
- Hardened tip and shaft for maximum work load.
- Easy-grip tip.

| Model | Description              |
|-------|--------------------------|
| 711   | T-6, T-7, T-8, T-9, T-10 |



750

#### 5-PIECE NUT DRIVER SET

- Patented ergonomically designed handle for rapid rotation, greater comfort and control.
- Heat treated high carbon alloy steel blade.
- Black oxide surface to prevent corrosion and rust.
- Large swivel head for greater control.

| Model | Description                    |
|-------|--------------------------------|
| 750   | 3/32", 1/8", 5/32", 7/32, 1/4" |



CF776

#### CENTER GAGES

- General's center gages improve efficiency and speed up setups for lathe thread cutting.
- The gages are graduated in 14ths, 20ths, 24ths, and 32nd of an inch for checking the number of threads per inch.
- 60 angles for u.s. standard threads and double depth of American National thread.
- Made of tempered and ground stainless steel.
- Satin chrome finish.

| Model |
|-------|
| CF778 |



#### HEXAGON STEEL PLUMB BOBS 790-12

- Made of hexagonal cold drawn steel and nickel plated to prevent rust.
- Removable cord cap for 3/32" (0.094).
- 10' (3mm) long braided cord.

| Model  | Weight | Length | Hex Width |
|--------|--------|--------|-----------|
| 790-5  | 5 oz.  | 3-3/8" | 3/4"      |
| 790-12 | 12 oz. | 4-1/2" | 1"        |



#### BRASS PLUMB BOBS 800

- Machined of solid brass, fully polished and lacquered.
- Removable self-centering cord cap for easy cord replacement. Cap used with 5/64" (0.078) braided cord.
- Replaceable hardened steel point.
- Conforms to government specs GGG-P-501e.
- Now with extra string and tip.
- 10' (3mm) long braided cord.
- Available in six sizes.

| Model  | Weight                       | Length | Dia      |
|--------|------------------------------|--------|----------|
| 800-6  | 6 oz.                        | 4-1/4" | 1-1/6"   |
| 800-8  | 8 oz.                        | 4-1/2" | 1-3/16"  |
| 800-10 | 10 oz.                       | 4-3/4" | 1-5/16"  |
| 800-12 | 12 oz.                       | 5"     | 1-3/8"   |
| 800-16 | 16 oz.                       | 5-3/4" | 1-1/2"   |
| 800-24 | 24 oz.                       | 6-1/2" | 1-11/16" |
| 800-32 | 32 oz.                       | 7-1/4" | 1-7/8"   |
| 800P   | Old style point 10-24 thread |        |          |
| 800CS  | Cord cap for size 6-16       |        |          |



801



801-8

#### BRAD AND TACK PULLER

- Fully ground head allows easy removal of brads, tacks and small moldings.
- Made of heat treated high carbon steel to assure long life.
- The blade is fully plated to prevent rust.
- The heavy-duty plastic handle has comfortable grip.
- The overall length of 7-1/2" provides extra leverage.

| Model | Length       |
|-------|--------------|
| 801   | 7.1/2"(190)  |
| 801-B | 10 to 12 oz. |





803

#### STAIR GAGE SET

- Brass plated steel stair gage assures fast and uniform layout in repetitive work including angle cuts on rafters and stair stringers.
- Attaches easily to all metal rafter squares.
- Set of 2 pieces.

| Model |
|-------|
| 803   |



804

#### SQUARE AND MITER

- 10 inch scales on both sides
- Rust resistant finish
- Heavy gauge steel
- welded double flange crossbeam permit Quick squaring or mitering in either direction

| Model |
|-------|
| 804   |



806

#### JIFFY CENTERING PUNCH

- For quickly starting screw holes when attaching countersunk hardware such as hinges, hasps, hangers and drawer pulls.
- Countersunk end ensures starting hole is centered in hardware screw hole.
- Hardened steel pin.

| Model | Length        | Body Dia.   |
|-------|---------------|-------------|
| 806   | 2-1/2" (68mm) | 3/8" (10mm) |



808

#### FOUR WAY OFFSET SCREWDRIVER

- Handy tool for machinists, repairmen and do-it-yourselfers.
- Has four tool steel bladed mounted at four different angles.
- Permits short movements where turning space is limited.
- Made of nickel plated steel, body is 5-1/5" long with 1/14" (6.5mm) straight blades.

| Model |
|-------|
| 808   |



810

#### CHISEL AND PLANE BLADE SHARPENER

- This tool keeps chisels and blades razor sharp and to their original bevel or angle.
- Sturdy die cast frame and threaded adjustable roller.
- Spring clamp capacity to 2-5/8" wide blades and chisels.
- Use with an oil stone or any abrasive surface.

| Model |
|-------|
| 810   |



814

#### FLAT HANDLE SCRATCH AWL

- General Tools' finest quality scratch awl meets government specifications GGG-A-891a.
- 3-1/2" (89mm) alloy steel blade runs through the handle.
- Plated steel ferrule.

| Model | Length         |
|-------|----------------|
| 814   | 6-1/4" (159mm) |



815

#### HAND VISE

- Jaw opens to 1.1/4 inches.

| Model |
|-------|
| 815   |



818

#### HARDWOOD HANDLE SCRATCH AWL

- Our finest quality scratch awl is also our best seller.
- Alloy steel blade runs through the handle and is securely fastened to both the plated steel ferrule and the cap.
- Hardwood fluted handle is contoured for comfortable grip.
- Overall length is 6-1/2" with 3-1/2" blade

| Model |
|-------|
| 818   |



819

#### AWL AND ALIGNING TOOL

- Doubles as a heavy-duty scribe and scoring and punching awl.
- Essential marking device for carpenters, electricians, metal workers, and mechanics.
- Use for lining up screw and bolt holes in conduit, outlet boxes, switchplates, and other assemblies.
- Heat-treated hexagon tool-steel handle.
- Overall length 6-3/4".

| Model |
|-------|
| 819   |



820

#### SINGLE BAR MARKING GAGE

- 6" (153mm) adjustable bar is nickel plated steel graduated in 16ths.
- Die-cast head.
- Fine needle point for precision marking.

| Model |
|-------|
| 820   |



825

#### "ORIGINAL" DRILL GRINDING ATTACHMENT

- Engineered to permit sharpening of drill bits to factory accuracy.
- Extends the life of drill bits.
- Angle adjustments lock in to grind drill bits for more accurate drilling in a variety of materials.
- Automatically adjusts to give correct clearance angle.
- For use with ANSI, OSHA, and UL approved standard electric bench grinders or surface grinders.
- Equally at home in machine shop and home workshop.
- Instructions included.

| Model | Capacity   |
|-------|--|
| 825   | Fractional drills 1/8" to 3/4", Number size drills 30 to 1 Letter size drills A to Z, Millimeter size drills 3.0 to 19.0 |



827

#### POCKET LEVEL

- Multi-view vial for reading in top, bottom, or side positions.
- Made of high impact Cyclocac® plastic with convenient pocket clip.
- V-grooved for use in round surfaces.

| Model | Length |
|-------|--------|
| 827   | 5"     |







839

#### MAGNETIC TORPEDO LEVEL

- Quality crafted torpedo level with large reversible reading vials meets the accuracy requirements of professionals.
- Heat resistant, unbreakable endplates and internal aluminum frame.
- Readings possible from top, bottom or side positions.
- Magnetic working edge for use with metal surfaces.
- V-grooved working edge for use on pipes.

| Model | Length |
|-------|--------|
| 839   | 9"     |



844

#### LEVEL/STUD FINDER

- Handy tool for professional carpenters and do-it-yourselfers, to use as a con vertible small level or as a stud finder.
- Powerful swivel magnet locates nail in studs for easy stud locations.
- Triangle and vertical slots allow easy marking and working surface for precise positioning.

| Model |
|-------|
| 844   |



845

#### PROTRACTOR, MAGNETIC LEVEL

- Multi-purpose tool function as level, protractor, square and pitch gage.
- Measures angles in full 360° range.
- Accurately transfers angles and measures pitch angles.
- Instantly adjustable.

| Model |
|-------|
| 845   |



849

#### CROSS CHECK LEVEL

- Multi-purpose, two direction level.
- Made of heavy-duty plastic.
- Screw holes for easy mounting on tools or work surfaces.

| Model |
|-------|
| 849   |



852-100

#### HEAVY-DUTY UTILITY KNIFE BLADES

| Model   | Thickness | PKG.QTY |
|---------|-----------|---------|
| 852-100 | 0.025     | 100     |

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853

#### SLIDE LOCKING UTILITY KNIVES

- For cutting and scoring fiberboard, wall-board, matboard, cardboard, corkingboard, roofing, linoleum, carpet, plasterboard, veneers and other materials.
- Opens instantly to any one of three cutting positions.
- Blade retracts into handle for safety.
- Has three replaceable heavy-duty alloy steel blades, No. 852, in handle.

| Model | Description   |
|-------|---------------|
| 853   | Standard-duty |
| 855   | Heavy-duty    |

857-5

#### DOUBLE HOOK BLADES

- Heavy-duty blades with fully sharpened cutting edges assure fast and easy cutting to vinyl, linoleum, roofing and other similar materials.
- For use in General's Utility knife No. 855 and most other utility knives.

| Model | Thickness | PKG.QTY |
|-------|-----------|---------|
| 857-5 | 0.025     | 10      |



S869

#### CARBIDE TIPPED MASONRY DRILL SET

- Specially designed for drill concrete, brick, tile, and stone.
- Drill bits can be used in standard or impact type drills.
- Long wearing tungsten carbide tips are brazed to drill bits.
- Fast spiral flutes assure quick dust removal without clogging.
- Drill bit length is 4".

| Model | Size                           |
|-------|--------------------------------|
| S869  | 3/16", 1/4", 5/16", 3/8", 1/2" |
| 869   | 3/16"                          |
|       | 1/4"                           |
|       | 5/16"                          |
|       | 3/8"                           |
|       | 1/2"                           |



872

#### ULTRA SHAPER™ PLANING RASPS

- Contour design provides maximum material removal.
- Ideal for round surfaces.
- Tempered stainless steel.
- Fits most 12" hacksaw handles.

| Model |
|-------|
| 872   |



873

#### TUNGSTEN CARBIDE GRIT FILES AND RASPS

- For faster and casier filing, rasping, shaping and sanding of wood, wallboards, fiberglass, composition materials, soft metal in fact most materials except steel and other hard metals. Thousands of TUNGSTEN CARBIDE Grit particles are permanently bonded to steel under extreme heat of over 2000 in hydrogen atmosphere furnaces.
- Unlike ordinary files and rasps general tungsten carbide rasps work equally as well in a forward, backward, or sidewise motion with considerably less clogging and easy cleaning with either brush or solvents.

| Model |
|-------|
| 873   |



895

#### HEX WRENCH SETS

- No misplaced or overlapping keys.
- Tool steel keys open to any position, either straight or offset angle for extra leverage

| Model | SET  |
|-------|--|
| 895   | 9 key: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4" |
| 897   | 7 key: 1.5, 2, 2.5, 3, 4, 5, and 6mm                       |





924

#### RIGHT ANGLE DRIVE

- Our Right Angle Drive reaches awkward corners and difficult angles easily; ideal for any close quarter drilling.
- Designed for use with portable electric drills, sanding or buffing attachments and other drill accessories.
- Plastic handle attaches for right or left-hand use.
- Designed for long life, the drive body is strong die-cast zinc, with permanently lubricated steel gears.
- 24-thread, 3/8" spindle has 3/8" drill chuck adapter. • Chucks not included.

| Model |
|-------|
| 924   |

1050



#### ADJUSTABLE ILLUMINATED MAGNIFIER

- Sturdy aluminum stand has 1.2 power lens for laboratory, industrial and hobby use.
- Illumination by 7 watt bulb.
- 6 ft. cord. Plugs into 115 volt AC. UL listed.
- Dimensions are 5" x 5" x 5".
- Fold for storage.

| Model | Power | Focal length |
|-------|-------|--------------|
| 1050  | 1.2   | 8-1/2"       |

S1270



#### GASKET PUNCHES

- Compact and economical set for punching holes in soft materials and leather.
- Set of 10 punches, one each of 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8" and 1", with driving mandrel comes in a molded plastic storage case.

| Model |
|-------|
| S1270 |



1274ST

#### ARCH PUNCHES

- For punching holes in leather, rubber, gasket material and soft metals.
- Inside taper for clearance.
- Heat treated forged steel.
- The 1271ST consists of seven punches, one each of 1/4", 3/8", 1/2", 5/8", 3/4", 7/8" and 1", comes in plastic roll pouch.

| Model  | Size     |
|--------|----------|
| 1271ST | Set of 7 |



S1274

#### PROFESSIONAL 10-PIECE GASKET PUNCH SET

- For punching holes in gasket material, leather, rubber, canvas, cardboard, plastic and sheet metal.
- Nine interchangeable hardened and tempered alloy steel punches: 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4", 7/8" and 1".
- Heavy-duty, spring-loaded, self-centering steel mandrel.
- Both mandrel and punches are knurled and have a threaded coupling to prevent slippage and hold punch securely to mandrel.
- Fitted plastic storage case.

| Model | Description |
|-------|-------------|
| S1274 | 10pc.set    |

1280ST



#### HOLLOW STEEL PUNCHES

- For punching holes in leather, rubber, canvas, cardboard, plastic and other materials.
- Made of forged steel with side clearance hole for easy removal of punched material.
- The 1280ST which consists of six punches, 3/16", 1/4", 5/16", 3/8", 7/16", and 1/2", comes in a plastic roll pouch.

| Model  | Description  |
|--------|--------------|
| 1280ST | Set of 6 PCS |

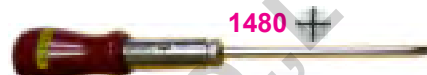


1450

#### RATCHET SCREWDRIVER

- 3 position slide gives ratchet action for driving and removing screws.
- Place slide in forward position to driver screws pull slide back to words handle to remove screws
- Center position on slide for tough jobs
- 3/16" (4.76mm) blade is 4 inches (100) long

| Model |
|-------|
| 1450  |



1480

#### RATCHET SCREW FOR CROSSPOINT SCREWS

- 3 Position slide gives ratchet action for driving and removing screw.
- Place slide in to drive screws, pull slide back, towards handle to remove screws
- center position on slide makes blade rigid for tough jobs.
- No. 1 crosspoint blade is 3 inches (75mm) long.

| Model |
|-------|
| 1480  |



1490

#### RATCHET SCREW FOR CROSSPOINT SCREWS

- 3 Position slide gives ratchet action for driving and removing screw.
- Place slide in to drive screws, pull slide back, towards handle to remove screws
- center position on slide makes blade rigid for tough jobs.
- No.2 crosspoint blade is 5 inches (123mm) long.

| Model |
|-------|
| 1490  |



1515

#### SPIRAL RATCHET SCREWDRIVER

- 14 inch (350mm) Extended Length
- Complete with three alloy steel blades 7/32in (5.5mm), 3/16in (4.8mm), 5/32in (3.9)

| Model |
|-------|
| 1515  |



1850

#### SWIVEL VACUUM VISE

- This popular vise grips firmly to glass, metal, laminate, fiberglass, or any smooth nonporous surface with quick lever action.
- Universal ball joint swivels 360 to any position and tilts 90° to any angle.
- V-grooved hardened steel jaws are 3" wide and open to 2-5/8".
- Furnished with slide-on rubber jaws for fragile work.
- Folds for storage.

| Model | Size               | Base height | Overall weight |
|-------|--------------------|-------------|----------------|
| 1850  | 6-1/4", Triangular | 6-1/4"      | 5 lbs.         |

1800



#### PORTABLE VACUUM VISE

- 2-1/2" jaws open to 2"
- Vacuum bale attaches instantly holds securely

| Model |
|-------|
| 1800  |

