

Measuring Tapes

Flange Jacks

Inspection and Retrieving Tools

Screw Extractors

Feeler Gauges

Hacksaws

Knives

Multi-Purpose Tools



**SAFETY**

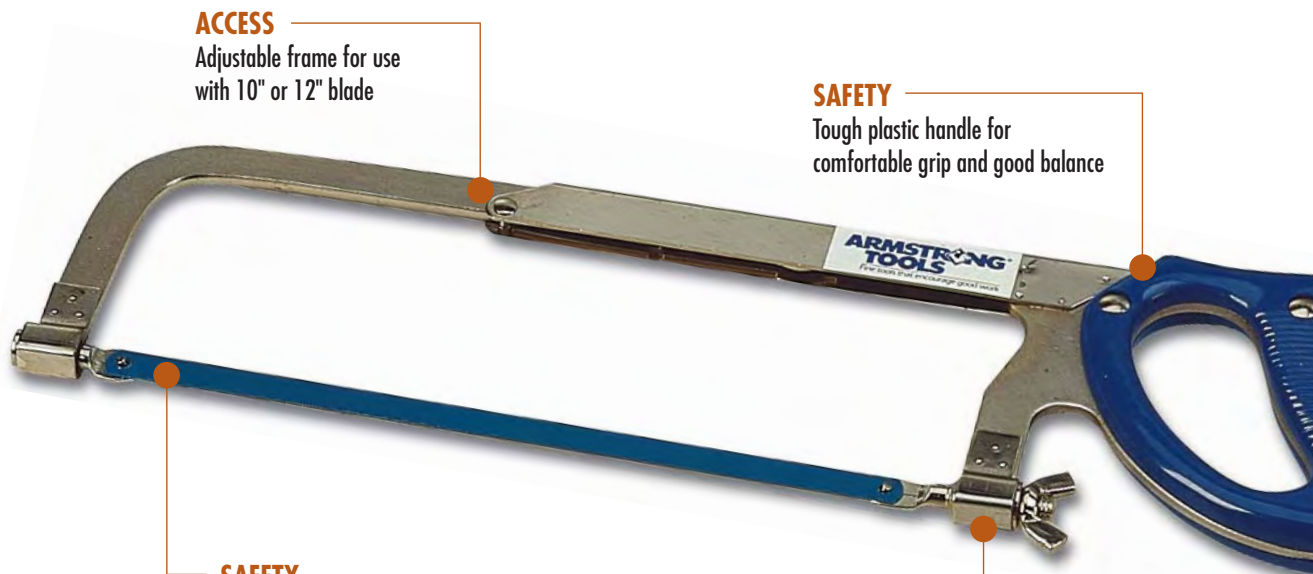
Cam-activated lock and oversized locking slide hold tape firmly in extended position

**STRENGTH**

Stainless steel blade protector reduces blade breakage

**SPEED**

Self-retracting blade has convenient black stud markings every 16 inches, and is graduated in 1/32" for first six inches; 1/16" thereafter



**ACCESS**

Adjustable frame for use with 10" or 12" blade

**SAFETY**

Tough plastic handle for comfortable grip and good balance

**SAFETY**

Up to 35,000 PSI can be applied to blade

**ACCESS**

Blade can be adjusted to cut at four different angles



### Auto-Return, Locking Tape

| Product Number | Blade Width, Inches | Blade Length, Feet | Weight, lbs. |
|----------------|---------------------|--------------------|--------------|
| 68-433         | 1/2                 | 12.000             | 0.48         |



### Auto-Return, Locking Tape

The most popular style. Features a cam-activated lock and oversized locking slide to hold tape firmly in extended position. Special stainless steel blade protector reduces blade breakage by up to 85%. Case is chrome plated, with a spring steel belt clip. Yellow blade has convenient black stud markings every 16 inches, and is graduated in 1/32" for first six inches; 1/16" thereafter.

| Product Number | Blade Width, Inches | Blade Length, Feet | Weight, lbs. |
|----------------|---------------------|--------------------|--------------|
| 68-445         | 1                   | 25.000             | 0.90         |



### Flange Jacks

For separating flanges without disassembly of pipe lines when gaskets are to be replaced. Flange Jacks exert tremendous pressure smoothly and evenly, with no shock along the pipe line. Flanges are separated quickly and held in perfect alignment. Flange jacks must be used in pairs for even distribution of pressure.

| Product Number | Cap., Standard Raised Face Flanges, Inches |               |                   |               | Wt.            |              |
|----------------|--|---------------|-------------------|---------------|----------------|--------------|
|                | 125 Lb. Cast Iron                          | 150 Lb. Steel | 250 Lb. Cast Iron | 300 Lb. Steel | Per Pair, lbs. | Screw Length |
| 73-305         | 2 - 20                                     | 2 - 20        | 1 - 12            | 3/4 - 12      | 13.00          | 6.750        |
| 73-310         | 16 - 48                                    | 18 - 24       | 12 - 30           | 12 - 24       | 45.00          | 10.500       |





### Inspection Mirrors

Telescoping, oval shaped mirror. Perfect for inspecting hidden areas. Mirror swivels to almost any position.

| Product Number | Mirror Shape | Mirror Size, Inches | Length, Inches | Weight, lbs. |
|----------------|--------------|---------------------|----------------|--------------|
| 70-920         | Oval         | 1.000 x 2.000       | 5 - 17*        | 0.44         |

\*Has telescoping handle. Minimum and maximum lengths are listed.



### Inspection Mirrors

Designed for all types of inspection work where direct sight lines are obstructed. Each features an all-angle ball joint for greater versatility.

| Product Number | Mirror Shape | Mirror Size, Inches | Length, Inches   | Weight, lbs. |
|----------------|--------------|---------------------|------------------|--------------|
| 70-921         | Circular     | 0.875               | 7.500            | 0.08         |
| 70-923         | Oval         | 1.000 x 2.000       | 8.500            | 0.08         |
| 70-925         | Circular     | 2.250               | 10.000 - 14.000* | 0.25         |
| 70-927         | Circular     | 1.250               | 8.000            | 0.08         |
| 70-929         | Rectangular  | 2.125 x 3.500       | 11.250 - 15.500* | 0.32         |

\*Has telescoping handle. Minimum and maximum lengths are listed.

Fed'l Spec. GGG-M-350a



### Magnetic Retrieving Tools Chrome Plated, Cushion Grip

Magnetic tips and all-angle ball joints make these tools versatile and great time-savers. There's no longer any need to struggle with pliers or magnetized screwdrivers when small parts fall into machines or other inaccessible places. 70-933 has telescoping handle. Pulling power - 2.00 lbs.

| Product Number | Length, Inches  | Weight, lbs. |
|----------------|-----------------|--------------|
| 70-933         | 16.750 - 26.750 | 0.40         |
| 70-935         | 8.500           | 0.08         |



### Flexible Spring Claw

Designed to position or retrieve small objects. Spring-loaded plunger opens jaws at end of flexible casing. When plunger is released, jaws grip object with surprising strength.

| Product Number | Length, Inches | Weight, lbs. |
|----------------|----------------|--------------|
| 70-943         | 23.500         | 0.26         |

Fed'l Spec. GGG-F-360b





## Screw Extractors

Style preferred by industry since straight, tapering flutes grip more securely than spiral styles, and they won't bind in the screw or cause it to spread against the hole. Can be used for either right or left-handed screws, bolts or studs.

| Product Number | For use on     |            | Size of small End, Inches | Size of Shank, Inches | Length, Inches | Use drill Size, Inches | Min depth of Hole, Inches | Weight, lbs. |
|----------------|----------------|------------|---------------------------|-----------------------|----------------|------------------------|---------------------------|--------------|
|                | Screw sizes    | Pipe Sizes |                           |                       |                |                        |                           |              |
| <b>70-950</b>  | #12 to 5/16    | --         | 0.125                     | 0.188                 | 2.313          | 0.125                  | 0.375                     | 0.02         |
| <b>70-952</b>  | 5/16 to 3/8    | --         | 0.172                     | 0.188                 | 2.375          | 0.188                  | 0.500                     | 0.02         |
| <b>70-954</b>  | 7/16 to 1/2    | 1/8        | 0.203                     | 0.250                 | 2.875          | 0.234                  | 0.500                     | 0.04         |
| <b>70-956</b>  | 1/2 to 9/16    | 1/4        | 0.297                     | 0.313                 | 3.000          | 0.313                  | 0.500                     | 0.06         |
| <b>70-958</b>  | 9/16 to 5/8    | 3/8        | 0.344                     | 0.375                 | 3.250          | 0.375                  | 0.625                     | 0.11         |
| <b>70-960</b>  | 5/8 to 3/4     | --         | 0.422                     | 0.438                 | 3.875          | 0.469                  | 0.688                     | 0.24         |
| <b>70-962</b>  | 3/4 to 1       | 1/2        | 0.500                     | 0.500                 | 4.500          | 0.563                  | 0.688                     | 0.27         |
| <b>70-964</b>  | 1 to 1-1/8     | 1/2        | 0.594                     | 0.625                 | 4.875          | 0.656                  | 0.750                     | 0.43         |
| <b>70-966</b>  | 1-1/8 to 1-3/8 | 3/4        | 0.719                     | 0.750                 | 5.375          | 0.813                  | 0.750                     | 0.71         |

Fed'l Spec. GGG-E-936b



## Set 70-970 Screw Extractor Set

Contents: 5 Screw Extractors in Vinyl Roll 29-418. Approximate Weight, 0.31 lbs.

| Product Number | For Screw Sizes, Inches | Product Number | For Screw Sizes, Inches |
|----------------|-------------------------|----------------|-------------------------|
| 70-950         | #12 - 5/16              | 70-956         | 1/2 - 9/16              |
| 70-952         | 5/16 - 3/8              | 70-958         | 9/16 - 5/8              |
| 70-954         | 7/16 - 1/2              |                |                         |





**Set 70-801  
Combination Gauge Set**

Total of 22 Flat Blades. 10 Flat Blades, 3" x 1/2", in following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .013, and .015. 12 Flat Blades, 1-3/4" x 1/4" in following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, and .025. Weight, 0.10 lbs.



**Set 70-803  
Piston Gauge Set**

8 Flat Blades, 9" x 1/2", in following thicknesses: .002, .003, .004, .005, .006, .008, .010, and .015. Weight, 0.15 lbs.



**Set 70-807  
Universal O.H.V. Feeler Gauge Set**

16 Blades with 45° Offset, 3-5/16" x 1/2", in following thicknesses: .009, .010, .011, .014, .015, .016, .017, .018, .019, .020, .021, .023, .024, .025, .026, and .027. Weight, 0.20 lbs.



**Set 70-811  
Bent Feeler Gauge Set**

11 Blades with 45° Offset, 4-3/16" x 1/2", in following thicknesses: .006, .008, .010, .011, .012, .013, .014, .015, .018, .019, and .020. Weight, 0.13 lbs.



**Set 70-790  
Feeler Gauge Set**

32 Blades. Feeler gauge includes one brass blade to use with electronic ignitions. Measures clearances from .0015" to 0.035". Weight, 0.44 lbs.




**Set 70-815**  
**Master Go-No-Go Gauge Set**

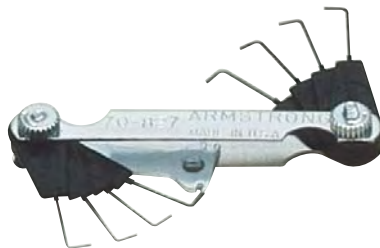
22 Step-Ground, Go-No-Go Blades, 3-5/16" x 1/2" in following thicknesses: .004-.006, .005-.007, .006-.008, .007-.009, .008-.010, .009-.011, .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .020-.022, .021-.023, .022-.024, .023-.025, .024-.026, and .025-.027. Weight, 0.19 lbs.


**Set 70-817**  
**Long Blade Gauge Set**

12 Flat Blades, 12" x 1/2", in following thicknesses: .0015, .002, .003, .004, .005, .006, .008, .010, .012, .014, .015 and .020. Weight, 0.31 lbs.


**Set 70-819**  
**Long Blade Gauge Set**

25 Flat Blades, 12" x 1/2", in following thicknesses: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .025, .027, .030, and .040. Weight, 0.74 lbs.


**Set 70-827**  
**Spark Plug Wire Gauge Set**

9 Wires, Bent 90° and 1 Electrode Bending Tool. In following thicknesses: .020, .025, .028, .030, .032, .034, .035, .038, and .040. Weight, 0.06 lbs.





### Flat Frame Hacksaw

Made from selected steel and furnished with one carbon steel blade. Adjustable frame can be used with blades of 10" or 12" long. Can be adjusted to cut at four different angles. Tough plastic handles are designed to provide comfortable grip and good balance.

| Product Number | Extreme Length, Inches | Height, Inches | Weight, lbs. |
|----------------|------------------------|----------------|--------------|
| 70-865         | 17.750                 | 3.750          | 1.75         |

Fed'l Spec. GGG-F-671



### Quick Saw with Blades

Sturdy screwdriver type handle for a secure grip. Knob easily tightens and loosens around the blade.

| Product Number | Length, Inches | Weight, lbs. |
|----------------|----------------|--------------|
| 70-030         | 12.000         | 0.75         |



### Quick Saw Handle\*

Handle for use with hacksaw blades. Sturdy screwdriver type handle for a secure grip. Knob easily tightens and loosens around the blade.

| Product Number | Length, Inches | Weight, lbs. |
|----------------|----------------|--------------|
| 70-046         | 6.000          | 0.50         |

\*Blades not included



### Utility Knife

Cast metal case with 4-position blade control. Extra blades are stored in case. Heavy duty replacement blades fit all standard knives by most manufacturers.

| Product Number | Length, Inches | Weight, lbs. |
|----------------|----------------|--------------|
| 68-310         | 6.000          | 0.27         |

Fed'l Spec. GGG-K-494b



### Replacement Blades\*

| Product Number | Weight, lbs. |
|----------------|--------------|
| 68-312         | 0.04         |

\*Sold in packages of 5 only.

### Putty Knife

Soft grip handle with stainless steel blade ground to peak performance. Soft grip provides comfortable grip.

| Product Number | Length, Inches | Weight, lbs. |
|----------------|----------------|--------------|
| 70-976         | 8.000          | 0.50         |





### 5" Lockback Knife

5" Heavy duty lockback with brass bolsters and wood inlay handle. 4" Locking blade is 420 stainless steel sharpened to a razor's edge.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-551         | 5.000                                   | 0.69         |



### 3" Lockback Knife

3" Lockback featuring a 2-1/4" blade with brass bolsters and wood inlay handle. Stainless steel blade locks open to prevent accidental closing.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-552         | 3.000                                   | 0.19         |







### Electrician's Knife

Three-blade electrician spear blade. Combination screwdriver, insulation cutter and wire stripper, plus stripping pruning blade.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-553         | 3.750                                   | 0.38         |



### Coping Knife

3-1/4" Single coping/sheepfoot serrated blade.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-554         | 3.500                                   | 0.13         |



### Pruning Knife

4-1/2" Pruning knife with large hawk bill blade.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-555         | 4.500                                   | 0.25         |





### 3" Lockback Knife

3" Stainless steel feather light lockback with a brushed finished 400 grade metal handle.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-558         | 2.500                                   | 0.13         |



### Multi-Purpose Tool

17-function multitool featuring blunt nose pliers, grippers and cutters with saw, fine and coarse file, serrated rope blade, clip blade can opener, cap lifter, SAE and metric ruler. Includes large and small slotted and Phillips bits, and 1/4" adapter to with sockets.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-556         | 6.500                                   | 0.69         |



### Multi-Purpose Minitool

16-function minitool featuring a clip blade, tweezers, nail file, scissors, ruler, bottle opener, cap lift, slotted and Phillips screwdriver, and 3 hex head wrench openings.

| Product Number | Closed Position, Overall Length, Inches | Weight, lbs. |
|----------------|---|--------------|
| 74-557         | 4.000                                   | 0.13         |

