



# WELDING and SAFETY EQUIPMENT CATALOG

ELECTRODES  
mild steel

GASLESS FLUX CORE  
MIG WIRE

SAFETY EQUIPMENT  
clear lens  
filter plates



**TOOLS**  
*for the trade*

gold filter plates

lock grip  
PLIER

TORCH KITS

gloves GOGGLES

chip

HAMMERS GLASSES

mig tools and accessories



**Professional**

# WELDING / OXY / SAFETY



**The K-T Team would like to thank you** *for choosing our company. Every employee at K-T has worked diligently to bring you, our customer, the best programs available. We know that you, as a prudent buyer, are looking for quality products at affordable prices!*

Our goal is complete customer satisfaction. We have listened to your concerns, we have heard your comments, and we have designed a program to fit your individual store needs.

We know you are looking for a broad selection, innovative packaging, UPC bar coding, effective merchandising, prompt customer service and a program that is as easy to buy as it is to sell! Join the long list of customers that have discovered the K-T advantage.

***Compare for yourself.  
For quality, service and price, K-T delivers!***

## TABLE OF CONTENTS

Mild Steel Electrodes.....	4-6
Rod Holders.....	6-7
Specialty Electrodes.....	7-9
Aluminum Rod.....	9
Mig Wire.....	10-11
Nozzle Gel, Anti-Spatter Spray, Galvanizing Spray, Cold Galvanizing Spray.....	11
Mig Consumables.....	12-13
Mig Tools.....	13
Electrode Holders, Ground Clamps.....	14
Lug Crimping Tool, Cable Lugs, Butt Connectors, Cable Splicers.....	15
Cable Connectors, Machine Plugs, Welding Cable.....	16
Receptacles, Plugs, Extension Cords, Cable.....	17
Booster Handles.....	18
Test Clips.....	19
Marking Tools.....	20-23
Pick Sets, Pipe Layout Templates, Pipe Guide.....	23
Magnetic Holders, "C" Clamps.....	24
Locking Pliers.....	25
Chipping Hammers, Replacement Brush.....	26
Cleaning Brushes.....	27
Scratch Brushes.....	27-28
Oxy-Acetylene, TIG Rod, BrazingAlloys Rod.....	29-30
Brazing Flux, Soldering Accessories.....	31
Solder.....	32





**Professional**

# WELDING / OXY / SAFETY



## TABLE OF CONTENTS, *continued*

Butane Torches, Butane Fuel .....	33
Tube Brushes .....	33-34
Chp Brush.....	34
Torch Kits.....	35-36
Regulators .....	37
Torch Handles, Cutting Attachments, O-Rings .....	38
Victor® Style Tips .....	39
Harris® Style Tips.....	40
Smith® Style Tips, Pressure Gauges .....	41
Regulator Parts, Hoses, Adaptors .....	42
Brass Fittings.....	43
Oxy-Acetylene Tools.....	44-45
Welding Helmets, Auto Darkening Helmets.....	46-47
Helmet Headgear .....	48-49
Complete Face Shields .....	49
Clear Lens, Auto Darkening Lens.....	50
Clear Lens, Magnifier Lens.....	51
Filter Plates.....	52
Goggles .....	53-54
Hard Hats, Breathing Protection, Safety Glasses.....	55
Safety Glasses Display.....	56
Safety Glasses .....	56-58
Hearing Protection.....	58
Head Protection.....	59
Gloves .....	60
Leathers, Flame Retardant Clothing.....	61





## Mild Steel Electrodes

### AWS E6010

K-T 6010 is a cellulose-Na welding electrode, made special for DC welding. It has a deep penetrating ARC, little welding slag, easy deslagging and beautiful performance properties. It has good properties of vertical up and down welding at various positions. It forms on both sides welding by one side. Used for welding carbon steel pipe and other materials of the same type, backing welding of structure bottom, filler and cosmetic welding. 60,916 PSI tensile strength.



50 Lb. Model No.	10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	Dia.	Amps
<b>NEW!</b> 1-1032	1-1012			1/8"	80-130

### AWS E6011

K-T 6011 is an all position cellulose coated electrode with the ultimate in operator appeal. Designed for AC power sources, but can be used on DC+ or DC-. Typical applications include light sheet metal fabrication, maintenance and repair welding on galvanized steels, in shipyards or for general construction. Can be used to weld through paint, dirt, mill scale or rust. 74,400 PSI tensile strength. This product has a strong arc force and rapid solidification of weld metal which allows vertical or overhead welding. 6011 is good for jobs that have poor fit up in the joints, rusty or oily metals.



50 Lb. Model No.	10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	Dia.	Amps
	1-1111	1-1101	1-1121	3/32"	30-50
1-1132	1-1112	1-1102	1-1122	1/8"	70-100
1-1133	1-1113	1-1103	1-1123	5/32"	90-140

#### ARC WELDING TIPS

- Whenever possible, use DC current. If arc blow persists, then use AC.
- Flat and horizontal welding should be done by holding the electrode at a 10-15 degree angle (*90 degrees from the surface*).
- A medium length arc of approximately 1/8" maintained ahead of the weld puddle will permit the welder to shape the bead.
- Overhead welding is similar to flat, but a slightly circular motion should be used in the molten center.





## Mild Steel Electrodes

**NEW ITEM**

### AWS E6013

K-T 6013 is an all position electrode. This electrode has fast freeze characteristics giving it operator appeal where poor conditions may exist. Typical applications include shaft build up, general purpose fabrication, machine parts, metal buildings and structures. This electrode has a very stable arc and good bead appearance when used with either AC or DC power sources. 71,300 PSI tensile strength. Smaller diameter rods may be used on thin metal such as auto bodies, ornamental iron, metal furniture, or any mild steel where appearance is important.

50 Lb. Model No.	10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	1/2 Lb. Model No.	Dia.	Amps
				1-1341	1/16"	25-50
1-1330				1-1342	5/64"	35-60
	1-1311	1-1301	1-1321		3/32"	60-90
1-1332	1-1312	1-1302	1-1322		1/8"	80-130
1-1333	1-1313	1-1303	1-1323		5/32"	140-190



### AWS E7014

K-T 7014 is an all position electrode with a rutile base and iron powder addition to increase deposition rates and welder appeal. Easy slag removal and outstanding bead appearance. Designed for AC, DC+, or DC - power. This electrode is recommended for applications where higher deposition and speed of travel is important. Use when 6013's welding efficiency is not acceptable. Typical applications include machine bases, frames and heavy sheet metal. Use for a variety of steels including low, medium and high carbon steels, free machining steels, low alloy structures and high carbon castings. 77,500 PSI tensile strength. This electrode is frequently used for short, irregular, poorly fit or downhill joints with medium to low penetration.

50 Lb. Model No.	10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	Dia.	Amps
		1-1401	1-1421	3/32"	60-90
1-1432	1-1412	1-1402	1-1422	1/8"	80-130
	1-1413	1-1403		5/32"	150-190





## Mild Steel Electrodes, Rod Holders



### AWS E7018

K-T 7018 is a general purpose, low moisture absorption, low hydrogen electrode. This electrode features easy start and restart performance, easy slag removal which lends itself for easy tacking before finish welding. Low spatter and flat beads, make good looking welds and less clean up. Very easy to control, and a very stable arc. Superior weld appeal. Use for a variety of steels including low, medium and high carbon steels, low alloy structures and high carbon castings. Can be used in AC or DC+. 7018's typical applications include pressure vessels, cold rolled steels and structural steels. 89,900 PSI tensile strength. Not recommended for low voltage AC welders.

50 Lb. Model No.	10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	Dia.	Amps
1-1531		1-1501	1-1521	3/32"	70-110
1-1532	1-1512	1-1502	1-1522	1/8"	100-140
1-1533	1-1513	1-1503		5/32"	140-180



### AWS E7018AC

K-T E7018AC is an electrode designed to yield excellent welds on 220 volt AC welders. It is used for welding normal low alloy steels, carbon steels and free machining steels. It has a good deposition rate with low spatter and medium penetration. 7018 AC's typical applications include pressure vessels, cold rolled steels and structural steels.

10 Lb. Model No.	5 Lb. Model No.	1 Lb. Model No.	Dia.	Amps
	1-1601	1-1621	3/32"	70-110
1-1612	1-1602	1-1622	1/8"	90-165
	1-1603		5/32"	125-220

### 14" ROD CANISTER WITH DIVIDERS

#### Model No. 1-3500

Rod canisters can withstand temperatures of 225° F. Their rugged construction protects electrodes from moisture and damage. Features include a belt clip for carrying and four separate dividers to keep electrodes organized on the job. K-T's rod canisters have a threaded cap that overlaps the lid and the threads making it air tight. There is no gasket to dry out keeping a very consistent seal on the rod canister over longer periods of time.





## Rod Holders, Specialty Rod

### LEATHER ROD HOLDER

#### Model No. 4-5150

The reinforced leather bottom of this sturdy rod holder can handle up to 5 lbs. of rod. Keeps rod right where you need it, at your finger tips!



### NICKEL 55 ELECTRODE

#### NI 55 (AWS A5.15 Fee-e1)

A nickel-iron cored electrode recommended for welding cast iron, ductile cast iron and alloy cast irons to themselves and to other alloys such as mild steel, stainless steel and wrought alloys. Light bead deposits are generally harder than those deposited with nickel 99 electrodes; however, heavier beads and multiple layer welds with nickel 55 electrodes will exhibit good machinability. Nickel 55 is especially suited for welding heavy sections such as motor blocks, housings, machine parts, frames, defective castings and building-up worn sections. Value pack rod quantities are shown behind the model number.

Value Pack	1 Lb.	Diameter	Amps AC	Amps DC-
1-1707 (5)	1-1701	3/32"	50-65	40-65
1-1708 (3)	1-1702	1/8"	80-95	70-95

### NICKEL 99 ELECTRODE

#### NI 99 (AWS A5.15 E Ni CI)

A nickel cored electrode recommended for welding thin sections where high dilution can be expected. Often used for single layer deposits requiring good machinability and color match. Nickel 99 weld deposits have lower strength and ductility than those of Nickel 55 allowing more shaping, milling, drilling and tapping. It should only be used where maximum machinability of highly diluted weld metal is required or where weld stresses are not overly severe, such as found in light and medium-sized castings. Common uses include thin plates, machinery parts, frames and housings. Value pack rod quantities are shown behind the model number.

Value Pack	Diameter	Amps AC	Amps DC-
1-1727 (5)	3/32"	50-90	40-80
1-1728 (3)	1/8"	90-120	80-120

### CAST IRON ELECTRODE

A non-machinable low cost electrode to weld cast iron. This electrode uses medium amperage. A steel core provides 65,000 PSI of tensile strength almost twice that of cast iron. Commonly used on gears, motor housings, machine parts, farm equipment, large frames or any other cast iron part where appearance of the weld deposit, machinability and color match are not important. May be used in AC or DC (reverse polarity). AWS number EST. Value pack rod quantities are shown behind the model number.

Value Pack	1 Lb.	Diameter	Amps
1-1718 (10)	1-1712	1/8"	90-130







## Specialty Electrodes, Aluminum Rod



### STAINLESS STEEL ELECTRODE

#### SS-308-16 (AWS A5.4 E 308-16)

SS-308-16 is mainly used for welding 18-8 stainless steel such as AISI 301, 302, 304, and 308. It has excellent fusion and striking characteristics, low spatter loss and easy slag removal. Typical applications include dairy distilleries, restaurant equipment, chemical tanks and chemical engineering applications and as a build-up for sealing faces of valves and fittings for acid, gas, water and steam.

1 Lb.	Diameter	Amps
1-1751	3/32"	45-70
1-1752	1/8"	75-110

### STAINLESS STEEL ELECTRODE

#### SS-312-16 (AWS A5.4 E312-16)

This stainless electrode produces a very high tensile strength (120,000 PSI), as a result it is one of the most widely used stainless steel electrodes for arc welding. It can be used for dissimilar steels, abrasion resistant steels, hardening steels, armour steels and spring steels. It can also be used as a wear resistant build-up and buffer for layer hardfacing. This electrode may be used in all positions. It produces a crack resistant, porosity-free weld deposit. May be used in any position in AC or DC (reverse polarity). Value pack rod quantities are shown behind the model number.

Value Pack	1 Lb.	Diameter	Amps
1-1767 (8)	1-1761	3/32"	45-70
1-1768 (4)	1-1762	1/8"	75-110

### ALUMINUM ELECTRODE

An extruded aluminum electrode used for low temperature production and maintenance welding of cast and wrought aluminum sheets, plates, casting and extrusions with a thickness of 3/32" or more. Typical applications include tanks, pipes, some appliances, refrigeration equipment, automobile parts as well as parts found in the laundry, chemical and food processing industries. Large or heavy sections should be beveled before welding. Use in DC+ at any position. Value pack rod quantities are shown behind the model number.

Value Pack	1/2 Lb.	Diameter	Amps
1-1808 (6)	1-1805	1/8"	85-140

### HARDFACE BUILDUP

Commonly used to build up and overlay all ferrous metals subject to moderate abrasion, severe impact and corrosion. Typical applications include tractor rollers, sprockets, idlers, concrete mixer blades, bearing journals and other parts that require machinable weld deposits. May be used in AC or DC+.

1 Lb.	5 Lb.	Diameter	Amps
1-1843	1-1846	5/32"	120-180



## Specialty Electrodes

### **HARDFACE**

#### **(SEVERE ABRASION, CONSIDERABLE IMPACT)**

K-T's most popular hard surfacing electrode is low cost, yet high quality. It provides a long wear life even in metal to metal conditions. Use in AC or DC+. Do not use more than two passes. If more than two passes are needed use K-T buildup below this hardfacing. Typical applications include plowshares, cultivator shoes, bucket teeth and lips, shovels & tracks, screw conveyors, wet drilling bits and cement mixer blades.

1 Lb.	Diameter	Amps
1-1852	1/8"	110-130
1-1853	5/32"	140-170

#### **HARDFACE 5/32" (SEVERE ABRASION, LIGHT IMPACT)**

##### **Model No. 1-1873**

Hardfacing electrode is used for severe abrasion, light impact and corrosion resistance. This electrode produces an extremely hard martensite-structure weld deposit which is not machinable in the "as-welded" condition. Provides a long wear life. Use AC or DC+. Do not use more than two passes. If more than two passes are needed use K-T buildup below this hardfacing. Typical application include mill hammers, bucket teeth, valve seats, mixers, crusher rolls, tamper rollers and mild steel, as well as manganese, carbon or alloy steels. Operating amps 140-170. 1 lb.

#### **HARDFACE 5/32" (HEAVY IMPACT, SEVERE ABRASION)**

##### **Model No. 1-1883**

Use for the fabrication and build up of high manganese and alloy steels which are subjected to heavy impact and severe abrasion. Use AC or DC+. Typical applications include railroad switching, bucket teeth and lips, frogs and tracks, rock crushers, mill hammers and bulldozer parts. Operating amps 125-190. 1 lb.

#### **ALUMNI PRO® BRAZING ROD & STAINLESS STEEL WIRE SCRATCH BRUSH**

##### **Model No. 1-1810**

Alumni Pro® Rod welds aluminum, pot metal, galvanized and zinc based metals using a propane torch. Costs only pennies an inch, stronger than aluminum, no flux or fumes, strong corrosion resistance and low working temperatures. Use with 1/32" - 3/8" metals. Applications include lawn equipment, boat propellers, chainsaw repair, carburetor repairs and engine castings. Includes brush.





## Mig Wire



### MILD STEEL MIG WIRE ER70S-6 GAS SHIELDED-SOLID CORE

ER 70S-6 is a mild steel welding wire containing a higher level of manganese and silicon to produce quality welds when used on dirty or rusty steel. The high silicon content increases the fluidity of the weld pool, creating a smoother bead appearance and resulting in minimal post weld grinding. Note: shielding gas is required with this product. Typically used for construction work, tanks, truck bodies, farm implements, pipes, steel casting or forgings, shaft build-ups and general shop fabrication. Shielding gases range from straight CO2 to high argon blends.

Model No.	Wt.	Diameter	Model No.	Wt.	Diameter
1-3121	2 lb.	.023	1-3133	10 lb.	.030
1-3123	2 lb.	.030	1-3135	10 lb.	.035
1-3125	2 lb.	.035	1-3142	33 lb.	.030
1-3131	10 lb.	.023	1-3143	33 lb.	.035
			1-3144	33 lb.	.045



### GASLESS - FLUX CORE MIG WIRE (Inner shield)

The unique quality of this product is that you do not have to use a shielding gas. This flux cored wire can be used in mig welding that does not require the use of shielding gases. Type E71-T-GS. A flux core welding wire designed to weld carbon steel. The operator appeal, bead appearance and spatter is not equal to a gas shielded product, but the benefit of not having to use gas makes this product extremely popular. Excellent for use on lap and fillet welds on thin gauge galvanized and mild steel in all welding positions. Operates on DC straight polarity. Available in 2 and 10 lb. spools.

Model No.	Wt.	Diameter	Model No.	Wt.	Diameter
1-3153	2 lb.	.030	1-3155	10 lb.	.030
1-3154	2 lb.	.035	1-3156	10 lb.	.035



### STAINLESS MIG WIRE 308

308 is used to weld all stainless steel AISI 200 and 300 series and up to and including 308. This wire is used where resistance to corrosion, impact and abrasion is necessary. Weld deposits will be equal or superior to the base metal. 2 lb. spool.

Model No.	Wt.	Diameter
1-3422	2 lb.	.030
1-3423	2 lb.	.035



### STAINLESS MIG WIRE 312

#### Model No. 1-3424

The perfect maintenance wire. Produces a very high tensile strength (120,000 PSI), as a result it is one of the most widely used stainless steel wires for mig welding. It can be used for dissimilar steels, abrasion resistant steels and spring steels. It produces a crack resistant and porosity-free weld deposit. .035 diameter. 2 lb. spool.





# Professional ARC WELDING



## Mig Wire, Nozzle Gel, Anti-Spatter Spray, Galvanizing Spray

### ALUMINUM 5356

K-T ER5356 wires and rods are generally recommended for welding 5050, 5052, 5083, 5154, 5356, 6061, and 6063 aluminum alloys. This wire is to be employed in all types of structural strength welded joints. The tensile properties of the base materials of the aluminum-magnesium type are not as drastically affected by the heat of the welding arc as are the heat-treated high strength aluminum alloys. Excellent for color match application. Examples of applications which utilize ER5356 include: diesel engine bases, gun mount bases, truck frames, ship structures, architectural structures and cargo tanks armored vehicles. 1 lb. spool.

Model No.	Size	Model No.	Size
1-3312	.030	1-3313	.035



### ALUMINUM 4043

K-T ER4043 is generally recommended for welding 2014, 5052, 6061 aluminum alloys (in various conditions of heat treatment and 6063 sheets, plates and shapes). It is typically used on truck bodies, structural members, pressure vessels, electric bus bars and petroleum distribution equipment. 1 lb. spool.

Model No.	Size	Model No.	Size
1-3316	.030	1-3317	.035



### NOZZLE GEL

#### Model No. 2-2700

Provides excellent protection against weld spatter buildup on mig gun nozzles, tips, positioners, stud welding chucks and electrode holders on all semi and fully automatic welding apparatus. Silicone free formula will not cause porosity or contaminate the weld area. Safe to use, nonflammable and nontoxic.



### ANTI-SPATTER SPRAY

#### Model No. 2-2710

Provides protection to mig gun nozzles, contact tips, accessories and all area that are affected by spatter during single and multi-pass welding. Provides weld preparation protection for parts to be stored. Silicone free. Requires little or no cleaning to surface when properly applied. 16 Oz.



### COLD GALVANIZING SPRAY

#### Model No. 2-2715

Chemically bonds to any metal to provide a long lasting zinc coating that will stop rust creepage and corrosion. Will not flake away like paint. Make sure to keep one in the shop, service truck and tractor. 13 Oz



## Mig Consumables



### CLARKE® STYLE GAS DIFFUSER

#### Model No. 2-1513

Designed to fit Clarke® welders. Precision machined for smooth performance and consistent wire feed.

### TWECO® STYLE GAS DIFFUSERS

#### Model No. 2-1515

Designed to fit Tweco® tips. Will also fit some Lincoln® and Century® mig guns. Precision machined for smooth performance and consistent wire feed.

### TWECO® STYLE CONTACT TIPS

One of the most popular tips on the market. Style 11 will fit Lincoln® mig guns and some Binzel® guns. Precision machined for smooth performance and consistent wire feed. (5 to a card).

Model No.	Size	Model No.	Size
2-1516	.023	2-1518	.035
2-1517	.030	2-1519	.045

### TWECO® STYLE NOZZLES

Designed to fit Tweco® gas diffusers. Nozzle size indicates nozzle opening size.

Model No.	Size	Model No.	Size
2-1520	1/2"	2-1521	5/8"

### BINZEL® STYLE 1/2" NOZZLE

#### Model No. 2-1531

Designed to fit Binzel® style mig guns. Nozzle size indicates nozzle opening size.

### HOBART® STYLE NOZZLES

Designed to fit Hobart® style gas diffusers. Nozzle size indicates opening size.

Model No.	Size	Model No.	Size
2-1565	1/2"	2-1568	5/8"



## Mig Consumables, Mig Tools

### HOBART® STYLE CONTACT TIPS

Fits contact tip adaptors.

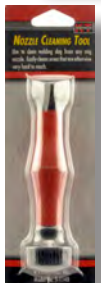
Model No.	Size	Model No.	Size
2-1550	.023	2-1552	.035
2-1551	.030	2-1553	.045



### NOZZLE CLEANING TOOL

#### Model No. 5-1140

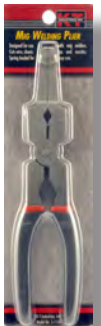
Use to clean welding slag from any mig nozzle. Easily cleans areas that are otherwise very hard to reach.



### MIG WELDING PLIERS

#### Model No. 5-1150

Spring loaded pliers are made to aid welders with mig machines. Multi-function tool cuts wire, cleans tips and nozzles.



### MIG GUN HOLDER WITH MAGNETIC BASE

#### Model No. 5-1160

K-T's handy mig torch stand keeps the work area clear and expensive mig torch safe. Convenient magnetic base keeps the mig torch ready to use. A must have for all shops.







## Electrode Holders, Ground Clamps



### ELECTRODE HOLDERS

All K-T's holders are made from a high copper alloy for maximum conductivity and strength. The top and bottom insulators are constructed of fiberglass to withstand intense heat and impact. All holders feature oval-point screw connections.

Model No.	Amp Capacity	Electrode Capacity
2-2120	200	1/8"
2-2130	300	1/4"



### 400 AMP HEAVY DUTY ELECTRODE HOLDER

#### Model No. 2-2140

Excellent for medium and heavy duty work. Powerful mechanical pressure holds electrode firmly. This heavy duty electrode holder features excellent conductivity and it is shock-proof for maximum welding safety.



### COPPER ALLOY GROUND CLAMPS

K-T's copper ground clamps are made of a high copper alloy steel to assure maximum conductivity. Oval-point screw connection makes installation a snap. The clamps feature a very large contact area which allows excellent grounding and eliminates arc blow.

Model No.	Amps	Model No.	Amps
2-2220	200	2-2230	300



### STEEL GROUND CLAMPS

K-T's steel ground clamps feature all steel bodies and are ideal for farm welding or light shop work. These particular clamps work on all shapes and sizes of metal.

Model No.	Amps	Model No.	Amps
2-2260	300	2-2290	500



## Lug Crimping Tool, Cable Lugs, Butt Connectors

### LUG CRIMPING TOOL

#### Model No. 2-2330

Hammer type crimping tool for cable lugs and butt connectors. Just place and hit to crimp. Used for sizes # 8 through # 4/0 awg. **NEW!**



**NEW ITEM**

### CABLE LUGS

Cable lugs are made from pure copper material. Solid construction and long life make these lugs a very good value. The ends are flared for easy installation.

2 Pk Model No.	Cable Capacity	Stud Hole	2 Pk Model No.	Cable Capacity	Stud Hole
2-2340	8	10	2-2343	2	1/2"
2-2341	6	1/4"	2-2346	1	3/8"
2-2338	6	3/8"	2-2345	1	1/2"
2-2339	4	1/2"	2-2347	1/0	1/2"
2-2353	4	5/16"	2-2348	1/0	3/8"
2-2342	4	3/8"	2-2349	2/0	1/2"
2-2354	2	5/16"	2-2350	2/0	3/8"
2-2344	2	3/8"	2-2351	3/0	1/2"
			2-2352	4/0	1/2"



### BUTT CONNECTORS

Butt Connectors can be used for many electrical cable applications. Each copper connector features a heavy wall to deliver greater corrosion resistance. Machined chamber yields much greater ease of insertion. Dimension compatibility to industry standard ensures customer satisfaction.

Model No.	Size	Model No.	Size
2-2371	6	2-2373	2
2-2372	4	2-2374	1



### CABLE SPLICER

#### Model No. 2-2459

Makes splicing cable easy. Splicers are reusable. Fits cable sizes 4 though 1/0.





## Cable Connectors, Machine Plugs, Welding Cable



### CABLE CONNECTOR SETS

Cable connectors are precision machined to provide a very tight connection which greatly improves power flow. Cam action pulls the two halves tightly together. Covers are made from a special heat and cold resistant material which is not susceptible to rust or corrosion.

Model No.	Color	Capacity
2-2410	Black	4-1/0
2-2415	Red	4-1/0
2-2440	Black	1/0-4/0



### UNIVERSAL MACHINE PLUGS

Designed to fit most machines using the long tapered plug and receptacle. Oval point screw connection makes a fast and secure method of attaching cable to the plug. Fits cable size 4 to 1/0. Covers are made from a special heat and cold resistant material which is not susceptible to rust or corrosion.

Model No.	Color	End
2-2450	Black	Male
2-2451	Red	Male



### WELDING CABLE

K-T's welding cable has an oil, grease and fire resistant neoprene jacket that remains super flexible, even in extremely cold temperatures. K-T welding cable features include 34 gauge, 600 volt, rope-stranded conductor, outstanding electrical properties and abrasion resistance.

**NEW!**

Model No.	Model No. 50'	Model No. 125'	Size	Strands
	Box	Spool		
		2-2501	1/0	1,007
2-2511		2-2512	1	2,170
2-2521		2-2522	2	1,672
2-2541		2-2542	4	1,068

**Cable Size Selection Chart**  
Electrode Distance from Welding Equipment

Machine Amps	50'	75'	100'	125'	150'
100	4	4	2	2	1
150	2	2	1	1/0	2/0
200	2	1	1/0	2/0	3/0
250	1	1/0	2/0	3/0	4/0
300	1	2/0	3/0	4/0	





## Receptacles, Plugs, Extension Cords, Cable

### CROWFOOT RECEPTACLE AND PLUG

Will handle 50 amps, 250 volts.

Model No.	Type
2-2650	Receptacle
2-2655	Male Plug



2-2650



2-2655

### PIN RECEPTACLE AND PLUG

Will handle 50 amps, 250 volts.

Model No.	Type
2-2656	Receptacle
2-2651	Male Plug



2-2656



2-2651

### POWER SUPPLY CABLE

**Model No. 2-2548**

8/3 Neoprene jacketed power supply cable is U/L listed and oil resistant. Color-coded rubber insulation with great flexibility. Perfect for welders. Available in 50' or 125' lengths.



### 25' 8/3 HEAVY DUTY EXTENSION CORD

**Model No. 2-2570**

KT's professional heavy duty extension cord allows the user to safely extend the reach with a cord that is both UL and CSA approved. Features include molded-on plugs and connectors that will resist breaking or pulling off. The NEMA 56 plug and connector (pin receptacle and plug) are rated for 50 amps-250 volts. Cord is water and flame resistant.





## Booster Handles

### TWIN LEAD BOOSTER CABLE

**Model No. 2-2544**

K-T's twin lead booster cable has an oil, grease and fire resistant neoprene jacket that remains super flexible, even in extremely cold temperatures. Twin cable makes booster cables stay tangle free. Size 2 cable. Available in 50' and 125' lengths.



### 600 AMP BOOSTER HANDLES

**Model No. 2-2474**

K-T's best booster handles clamp safely and securely to both side mount and posted batteries with legs. The 600 amp handles are equipped with a very strong spring to ensure a positive connection. Each card contains one red and one black handle.



### 400 AMP BOOSTER HANDLES

**Model No. 2-2475**

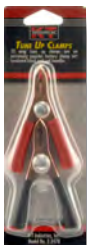
This handle is steel, shock proof and completely insulated, with chip proof P.V.C. 400 amp handles. Each card contains one red and one black handle. Booster cable handles clamp safely and securely to both side mount and post battery terminals. An extra strong spring gives positive connection on side mount and standard batteries.



### TUNE UP CLAMPS

**Model No. 2-2478**

An extremely popular battery clamp set. Insulated handles. For equipment up to 50 amps. Each card contains one red and one black handle.



### CROCODILE TEST CLIPS



## Test Clips

### Model No. 2-2460

A very small clip with slender elongated jaws for getting into tight places in radio or electrical test work. Screw connection eliminates soldering. 2-1/8" length. Jaw opening 5/16". Capacity of 5 amp test clip with insulator. Each card contains one set of one red and one black insulator.



### PEE WEE TEST CLIPS

#### Model No. 2-2461

A very small test clip for radio, ignition, meter and similar work. Screw connection eliminates soldering. 1-17/32" length. Jaw opening 5/16". Capacity of 5 amp test clip with insulator. Each card contains one set of one red and one black insulator.



### ECONOMY TEST CLIPS

#### Model No. 2-2462

Designed for electronic meter, ignition and general testing. Features interlocking neck construction. Meshing teeth at front of jaw. 2" length. Jaw opening 3/4". Capacity of 10 amp test clip with insulator. Each card contains one set of one red and one black insulator.



### HIGH GRADE TEST CLIPS

#### Model No. 2-2463

A high grade test clip with meshing teeth on three sides of the jaws. For laboratory and shop test work. 2-7/16" length. Jaw opening 5/8". Capacity of 10 amp test clip with insulator. Each card contains one set of one red and one black insulator.



### BATTERY CHARGER CLIPS

#### Model No. 2-2464

2-27/32" length. Jaw opening 3/4". Capacity of 25 amp clip with insulator. Steel zinc plated. Each card contains one set of one red and one black insulator.



### GENERAL PURPOSE TEST CLIPS

#### Model No. 2-2465

Slim design with full meshing teeth. Convenient round thumb grip. Screw connection eliminates soldering. Strong spring with a hard bite. 1-31/32" length. Jaw opening 5/16". Capacity of 5 amp test clip with insulator. Each card contains one set of one red and one black insulator.







## Marking Tools



### PAINT MARKERS

Permanently marks on metal, stone, glass, rubber, plastic, wood, leather and virtually any other hard to mark surface. Industrial grade. Fiber tip. Ideal for the machine shop, auto workshop, stone fabricators, tool room and home workshop.

Model No.	Description
5-0045	Yellow
5-0046	White
5-0047	Black
5-0048	Red

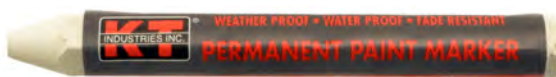


### SOLID PAINT STICK MARKERS BULK

Permanently marks on smooth or rough surfaces. Can be used in wet conditions and also withstands heat. Marks on metal, wood, plastic, glass and more. Will not fade. Sold in bulk packages of 12.

Model No.	Description
5-0032	Black
5-0033	Blue
5-0034	Green
5-0035	Metallic Silver
5-0036	Orange
5-0037	Red
5-0038	White
5-0039	Yellow

**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**



### SOLID PAINT STICK MARKERS

Permanently marks on smooth or rough surfaces. Can be used in wet conditions and also withstands heat. Marks on metal, wood, plastic, glass and more. Will not fade.

Model No.	Description
5-0042	Yellow, 2 Pack
5-0043	White, 2 Pack



## Marking Tools

### FLAT SOAP STONE HOLDER

Model No. 5-0065

Stainless steel body never rusts. Adjustable trigger moves soap stone back and forth with thumb pressure. Includes No. 1 white flat soapstone and pocket clip.



**NEW ITEM**

### ROUND SOAP STONE HOLDER

Model No. 5-0066

3/8" diameter, aluminum collet will hold either metric or standard soapstone. Includes a No. 1 white round soapstone and pocket clip.



### SOAP STONE

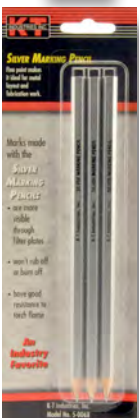
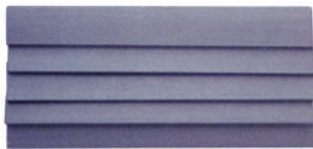
No. 1 white soap stone is the highest quality metal marking item available. It is dependable and break resistant. Available in flat or round sticks.



Model No.	Description
5-0080	Flat 5 Pack
5-0085	Round 5 Pack



## Marking Tools



### THIN LINE MARKING PENCILS

Thin line markers resist torch flames, are more visible through filter plates and get more marks per stick than soapstone. They are self-sharpening, will not rub off and are convenient to use. Personal preference will help you decide your color. Can be used on stainless steel, plastic, aluminum, lumber, tile, glass and many other items. The marking set includes a holder, two red sticks and two silver sticks.

Model No.	Description
5-0061	Marking Set
5-0062	Silver Refill, 5 Pack
5-0063	Red Refill, 5 Pack

### MECHANICAL PENCILS

Round Silver Streak® mechanical pencil. Pencil makes a fine line that won't rub off. Similar to silver lead pencils in that it produces a high visibility line but no sharpening is necessary. Features a handy pocket clip. Every pencil is blister carded with point-of-purchase information. Silver refills have a plastic keeper to help keep refills together.

Model No.	Description
5-0057	Mechanical Pencil
5-0058	Silver Refill

### SILVER THIN LINE MARKING PENCIL 3 PACK Model No. 5-0068

The same size as regular pencils. Can be sharpened in any pencil sharpener for very fine line marking applications.





## Marking Tools, Pick Sets, Pipe Layout Templates, Pipe Guides

### PREMIUM SCRIBE

#### Model No. 5-0015

Replaceable steel shank with tungsten carbide tip, all-aluminum handle and handy pocket clip.



**NEW ITEM**

### FOUR WAY PICK SET

#### Model No. 5-0060

4 tempered steel picks. Many applications including awl pick for etching metal, and deburring picks for taking off metal filings. Also good for removing "O" rings in spray equipment.



### PIPE LAYOUT TEMPLATE

#### Model No. 5-1585

K-T's wrap-around template is made from tough and flexible material. It includes 45 degree angle markings, a scale, and protractor. The perfect tool for welders and lay-out professionals. **NEW!**

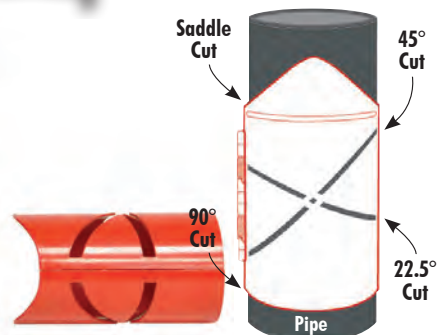


### PRECISION PIPE GUIDES

Four Different Cutting Options...Just One Tool! Cutting pipe has never been so simple or so accurate. Durable 16-gauge steel guide offers four cutting options in one tool. Spring-loaded device opens to clamp securely over pipe, allowing you to mark precise cutting guides - saving time and material.



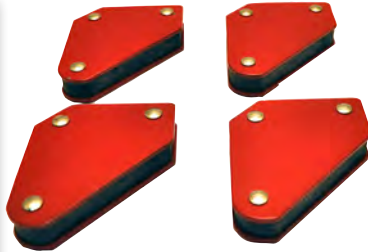
Spring-loaded clamp opens on center hinge and snaps securely around the pipe for accurate marking.



Model No.	Size
5-1577	2-3/8" Pipe
5-1578	2-7/8" Pipe



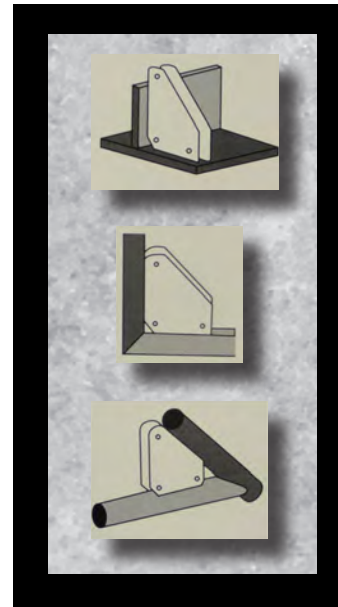
## Magnetic Holders, "C" Clamps



### MAGNETIC HOLDERS

The perfect third or fourth hand you sometimes need! Magnetic holders come in handy for soldering, welding, supporting, jiggging and many other uses. Strong anisotropic ferrite magnet holds ferrous metal securely.

Model No.	Description
5-1545	Mini
5-1550	Medium
5-1555	Large



### "C" CLAMPS

For farm, home or shop use. Handy to have around for many different projects. Features steel screw, sliding handle and rocking pad. Available in 1"-12" sizes.

	Model No.	Description
NEW!	5-1561	1"
NEW!	5-1562	2"
	5-1563	3"
	5-1564	4"
	5-1565	5"
	5-1566	6"
NEW!	5-1568	8"
NEW!	5-1570	10"
NEW!	5-1571	12"



## Locking Pliers

### LONG NOSE LOCKING PLIER TPR HANDLE

Hardened alloy steel with drop forged jaws. Functions as a wrench, plier or clamp. Instant release lever and built-in cutter. TPR grips.

Model No.	Description
21-6106	6.5"
21-6109	9"



**NEW ITEM**

### LOCKING PLIER TPR HANDLE

Hardened alloy steel with drop forged jaws. Functions as a wrench, plier or clamp. Instant release lever and built-in cutter. TPR grips.

Model No.	Description
21-6205	5"
21-6207	7"
21-6210	10"



### 11" LOCKING "C" CLAMP

#### Model No. 21-6212

Large "C" locking jaws work around large work pieces and hold them firmly. Swivel pads hold work pieces more securely during welding. Easy adjustment for different thicknesses.



### 8" LONG WELDING LOCKING CLAMP

#### Model No. 21-6213

An extremely handy locking tool that holds metal in place while welding. Easy adjustment for different thicknesses.



### 9" STRAIGHT NOSE LOCKING CLAMP

#### Model No. 21-6214

Use in tight places or to hold sheet metal. Easy adjustment for different thicknesses.







## Chipping Hammers, Replacement Brush



### **SPRING HANDLE CHIPPING HAMMER**

#### **Model No. 5-1000**

Our most popular chipping hammer features flex steel coil hand grip that is welded to a tough steel hand shaft. Heads are pinned for safety and reliability.



### **CROSS CHIPPING HAMMER**

#### **Model No. 5-1125**

Flexible steel coil hand grip. Point and cross chisel head.



### **WOOD HANDLE CHIPPING HAMMER**

#### **Model No. 5-1020**

The same high quality features as our 5-1000 with a wood handle.



### **DUAL PURPOSE CHIPPING HAMMER**

#### **Model No. 5-1090**

Save time and money with this dual purpose chipping hammer. Brush and straight chisel together does the job of two tools. The same high quality construction as our 5-1000. The brush boxes are triple welded. Wire brush is replaceable.



### **REPLACEMENT BRUSH FOR DUAL PURPOSE HAMMERS**

#### **Model No. 5-1100**

Replaces worn out brushes on most dual purpose chipping hammers. Fits K-T 5-1090. Carded for easy retail sale.



## Cleaning Brushes, Scratch Brushes

### DELUXE PARTS CLEANING BRUSH

**Model No. 5-2315**

Bristles made of polypropylene designed to be used in parts cleaning solutions.



### 3 PC. STAINLESS STEEL CLEANING BRUSHES

**Model No. 5-2201**

3 pack of brushes. Compact design gets in tight places. Excellent for cleaning small parts. Plastic handle. 1-7/16" brush length and 7-3/4" overall length.



### CLEANING BRUSHES

Compact design gets in tight places. Excellent for cleaning small parts. 1-7/16" brush length and 7-3/4" overall length.

Model No.	Handle	Bristles
5-2203	Plastic	Stainless Steel
5-2204	Plastic	Brass
5-2205	Wood	Stainless Steel
5-2206	Wood	Brass



### ANGLED HEAD CLEANING BRUSHES

Angled head helps keep knuckles from being scraped. Excellent for cleaning small parts. Wood handle. 2-1/16" brush length and 8-1/8" overall length.

Model No.	Bristles
5-2207	Stainless Steel
5-2208	Brass





## Scratch Brushes



### SHOE HANDLE BRUSHES

Heavy duty brush for a variety of applications. 5-1/4" brush length and 10" overall length.

Model No.	Bristles
5-2210	Carbon Steel
5-2215	Stainless Steel
5-2216	Brass



### SHOE HANDLE CARBON STEEL BRUSH WITH SCRAPER

#### Model No. 5-2211

Heavy duty brush and scraper for a variety of applications. 5-1/4" brush length and 10" overall length. Metal scraper attached to brush.



### BENT HANDLE BRUSHES

Long handle provides extra reach. 6" brush length and overall length of 13-11/16".

Model No.	Bristles
5-2220	Carbon Steel
5-2225	Stainless Steel
5-2226	Brass



### BENT HANDLE CARBON STEEL BRUSH WITH SCRAPER

#### Model No. 5-2221

Long handle provides extra reach. 6" brush length and 13-11/16" overall length. Metal scraper attached to brush.



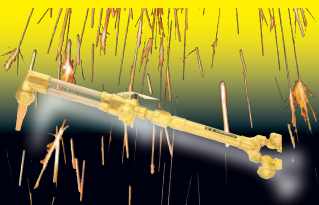
### V-GROOVE SCRATCH BRUSH

Perfect for hard to reach corners. Long handle provides extra reach. 6" brush length and 13-11/16" overall length.

Model No.	Bristles
5-2222	Carbon Steel
5-2223	Stainless Steel







## Oxy-Acetylene, TIG Rod, BrazingAlloys Rod

### RG-45 MILD STEEL

RG-45 is recommended for oxy-acetylene welding on all ordinary steels. The low cost and high quality make it ideal for welding applications on open steel, plate, pipe, auto bodies and other steels where ductility and machinability are important. Produces 45,000 PSI tensile strength and 25% elongation. 36" cut length. 1 Lb.

Model No.	Diameter
1-5116	1/16"
1-5132	3/32"
1-5118	1/8"

### BCuP-2 (0%) Phos-Copper-Silver BrazingAlloys 1/8" x .050" x 20"

#### Model No. 1-5370

Phos-Copper (BCuP-2) low cost alloy is suitable for most copper-to-copper or brass joints where good fit-up exists, and the assemblies are not subject to vibration or movement. Developed primarily for use on copper, this alloy may also be used on other nonferrous copper base alloys. This product is used extensively on refrigeration units, air conditioning apparatus, electrical conductors, copper and brass pipe fittings, as well as other copper and brass equipment. By virtue of its phosphorus content, this product is self-fluxing on copper only applications. A flux should be used when brazing brass or bronze with this product.

**NEW!**

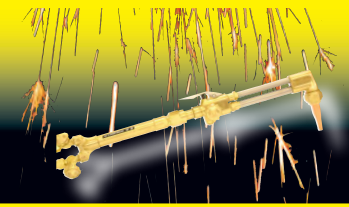
### MILD STEEL FOR TIG ER70S-6

ER70S-6 is a mild steel TIG welding wire that contains higher levels of manganese and silicon than other standard grades of TIG wire. This is what produces high quality welds when used on undesirable steel surfaces. The high silicon content of K-T TIG wire increases the fluidity of the weld pool, which creates a smoother bead appearance and results in minimal post weld grinding. This wire is engineered to provide porosity-free, x-ray quality welds at the highest tensile strength (as welded) of all the plain carbon steel wires. 1 Lb.

Model No.	Diameter
1-5160	3/32"
1-5161	1/8"



**NEW ITEM**



## Oxy-Acetylene Rod



### **BARE LOW FUMING BRONZE**

K-T bronze wire possesses characteristics and properties that simplify welding operation and insure strong, lasting welds. Used extensively for brazing steel and cast iron. The fuming qualities and good mechanical properties make low fuming bronze a widely used general purpose rod. With a low melting point of 1620° C, tinning properties are excellent. It can be easily controlled by the welder. Penetrates deeply into cracks and seams, building a sound, nonporous deposit of weld metal. Low fuming bronze is used for strong, color matching joints in iron and steel, as well as for bearing surfaces. It does require flux. 36" cut length. 5 Pc.

Model No.	Diameter
1-5233	3/32"
1-5219	1/8"

### **FLUX COATED LOW FUMING BRONZE**

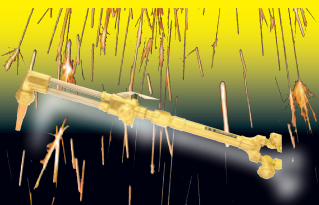
Rod and flux are deposited at the weld simultaneously in exactly the right amounts. No need to dip rod in flux can saving time and labor. No wasteful residue of flux remains on the face of the weld. Flux coated low fuming bronze penetrates deeply into cracks and seams to build a sound, nonporous deposit of weld metal for making leak proof joints. Often used in water, oil and gas lines. Flux coating adheres firmly to the rod, eliminating chipping and back burn. A relatively low melting point allows for excellent tinning properties and control by the welder. 36" cut length. 5 Pc.

Model No.	Diameter
1-5333	3/32"
1-5319	1/8"

### **ALUMINUM 4043**

36" cut length. Has a lower melting point which makes welding easier. 1/2 Lb.

Model No.	Diameter
1-5360	3/32"
1-5361	1/8"



## Brazing Flux, Solder Accessories

### BRAZING FLUX

All purpose brazing flux to be used on bronze, steel, brass and malleable iron.

Model No.	Size
2-2750	1/2 Lb.
2-2751	1 Lb.



### SOLDER BRUSHES

Selected horse hair bristles are pressed securely together in tin handles. Used to apply liquid or paste flux.

Model No.	Type
1-2801	Carded, 5 per Card
1-2804	Carded, 3 per Card



### SOLDERING PASTE FLUX

Metal cleaner for paste flux is water soluble. This allows the flux to be washed away after soldering. Most fluxes stay in the pipe and continue to corrode the inside of the pipe causing premature breakage or pipe wear out.

Model No.	Type	Size
1-2806	Liquid	4 Oz.
1-2810	Paste	2 Oz.



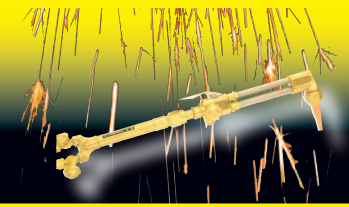
### SILVER SOLDER KIT

#### Model No. 1-2800

K-T silver solder contains 98% tin and 2% silver. Includes a separate tube of special flux. It is effective for joining silver, nickel alloys and copper. It should be used where a bright shiny finish or strength is important. Not recommended for plumbing repairs. Melts at 450° F with a diameter of .062". Applications include eyeglasses, jewelry, and is effective on most silver, copper and nickel alloys. 8,000 PSI joint strength. Nontoxic. .5 Oz.







### ROSIN CORE SOLDER

Used for electrical applications. For larger jobs use 1 lb. standard grade. 40/60 is suitable for smaller electronic projects.

Model No.	Size	Grade
1-2860	1 lb.	Standard
1-2862	1/2 lb.	40/60
1-2864	1/4 lb.	40/60
1-2865	1/4 lb.	40/60 - 1/16"



### ACID CORE SOLDER

For use with sheet metal, brass and galvanized metal applications. Use for plumbing applications that do not require lead free solder.

Model No.	Size	Grade
1-2870	1 lb.	Standard
1-2874	1/4 lb.	40/60



### LEAD FREE SOLDER

Use for copper tubing, copper fittings, copper utensils, stainless steel and any applications where lead free solder must be used. Lead free solder must be used in plumbing drinking water systems. Flows like 50/50 grade solder.

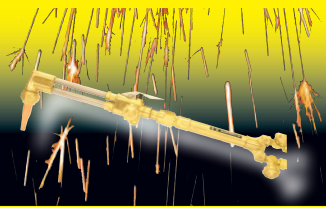
Model No.	Size
1-2891	1/2 lb.
1-2892	1/4 lb.



### SOLID WIRE SOLDER

A good all purpose solder when used with the proper flux. For radiator repair use 50/50 grade.

Model No.	Size	Grade
1-2880	1 lb.	Standard
1-2884	1/4 lb.	40/60
1-2886	1/4 lb.	50/50



## Butane Torches, Butane Fuel, Tube Brushes

### MICROTORCH WITH EMPTY FUEL CELL

#### Model No. 1-2780

Features built-in safety lock with improved self-ignition system. Flame temperature up to approximately 2500°f, 1300°C. Windproof flame and wear-resistant ignition. Built in level viewing window. **NEW!**



### TRIGGER TORCH

#### Model No. 1-2782

Features built-in instant off safety switch with improved self-ignition system. Adjustable flame temperature up to approximately 2500°f, 1300°C. Windproof flame and wear-resistant ignition. Features a refillable tank with up to a 60 min. charge. **NEW!**



### ULTRATANE® BUTANE FUEL

Tripple-refined formula reduces clogging in filters. Contains no CFC's. Special vapor pressure promotes consistent ignition. It is available in two sizes and pack quantities. **NEW!**

Model No.	Size	Qty.
1-2784	15/16 oz.	12 Pack
1-2786	3.75 oz.	4 Pack



**NEW ITEM**

### NYLON TUBE BRUSHES

Tube brush with wire handle. Firm nylon bristles are excellent for cleaning cylindrical objects, bottles, carburetors, brake cylinders and more. Diameter of 1-1/4" and brush part 3".

Model No.	Size	Diameter
5-2247	15"	1-1/4"
5-2249	9"	1-1/4"
5-2250	9"	1/2"

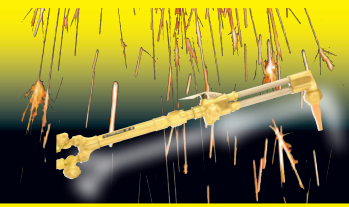


### 3/4" STAINLESS STEEL TUBE BRUSH

#### Model No. 5-2251

Tube brush with wire handle. Firm stainless steel bristles are excellent for cleaning cylindrical objects, bottles, carburetors, brake cylinders and more. Overall length of 9".





## Tube Brushes, Chip Brush



### ECONOMY PLUMBING FITTING BRUSHES

Great for cleaning copper pipe before soldering and for cleaning battery terminals. Features single spiral two-ply carbon steel wire construction with oval wire handle.

Model No.	Size
5-2248	3/8"
5-2252	1/2"
5-2253	3/4"



### STANDARD PLUMBING FITTING BRUSHES

Great for cleaning copper pipe before soldering and for cleaning battery terminals. Features single spiral two-ply carbon steel wire construction. Solid plastic hand-fitting handle with convenient hole for hanging.

Model No.	Size
5-2254	3/8"
5-2255	1/2"
5-2256	3/4"



### 1/2" STAINLESS STEEL POWER FITTING BRUSH

Fits into small drill for power cleaning pipe. Features 2-1/2" twisted stem.



Model No.	Size
5-2257	1/2"
5-2258	3/4"



### TUBE CLEANING BRUSHES

Great for cleaning pipes before soldering and for cleaning battery posts. Features tough molded plastic holder with comfortable sure grip design and high carbon steel bristles.

Model No.	Size
5-2261	3/8"
5-2259	1/2"
5-2260	3/4"

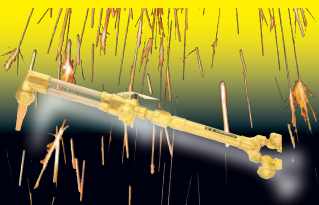


### WIRE HANDLE CHIP BRUSH

**Model No. 5-2270**

Wire handle chip brush is ideal for cleaning rust, corrosion, etc. in high heat situations. Overall length of 5-1/2" trim size 1-1/2".





## Victor® and Harris® Style Torch Kits

K-T's Victor® style torch kits are one of the highest quality torch lines sold. All torches and accessories are backed with a one-year, across the counter warranty; the best in the industry. K-T stocks all of the parts and accessories that you will ever need. Compatible with Victor®, Super Range® and Highlite®. Designed for all trades. All pieces are U/L listed.

### VICTOR® STYLE MEDIUM DUTY TORCH KIT

#### Model No. 31-5000

Welds up to 1/4" and cuts up to 1/2" with tips provided. Will weld up to 1-1/4" and cut up to 6" with larger tips. All pieces are U/L listed. Instructions included.

Contents		
Torch Handle	12-1/2' Twin Hose	Cutting Attachment
Goggles	Acetylene Regulator	Cutting Tip size 0
Striker	Oxygen Regulator	Welding Tip size 0



### VICTOR® STYLE HEAVY DUTY KIT

#### Model No. 31-5006

Compatible with Victor® and Journeyman®. Ideal for the professional contractor or any other application that requires heavy cutting or heating. Welds up to 2" and cuts up to 1/2" with tips provided. Will weld up to 4" and cut up to 8" with larger tips. All pieces are U/L listed. Instructions included.

Contents		
Torch Handle	12-1/2' Twin Hose	Cutting Attachment
Goggles	Acetylene Regulator	Cutting Tip size 3
Striker	Oxygen Regulator	Welding Tip size 2



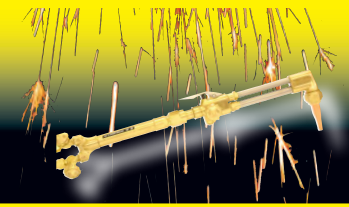
### HARRIS® STYLE MEDIUM DUTY KIT

#### Model No. 31-5008

Features "in head" gas mixer in cutting attachment and two tubes on the torch handle. All torches and accessories are backed with a one-year, across the counter warranty; the best in the industry. K-T stocks all of the parts and accessories that you will ever need. Compatible with Harris®, Expert®, Bronze and Metal Worker®. Designed for all trades. All pieces are U/L listed. Welds up to 1/4" and cuts up to 1/2" with tips provided. Will weld up to 1-1/4" and cut up to 6" with larger tips. All pieces are U/L listed. Instructions included

Contents		
Torch Handle	12-1/2' Twin Hose	Cutting Attachment
Goggles	Acetylene Regulator	Cuting Tip Size 1
Striker	Oxygen Regulator	Welding Tip Size 3
		Heating Tip size 4





## Victor® Style Torch Kits, Air Propane Torch



### PORTABLE TORCH KIT VICTOR® STYLE

#### Model No. 31-5009

Everything you need for portable cutting and brazing except gas. Includes MC style cylinders and plastic carrying tote. Comes in a white display box with colored picture. All pieces are U/L listed. Instructions included.

Contents		
Torch Handle	Acetylene Regulator	Cutting Attachment
Goggles	Oxygen Regulator	Cutting Tip size 0
Striker	Plastic Carrying Tote	Welding Tip size 0
12-1/2' Twin Hose	MC Size Tanks	

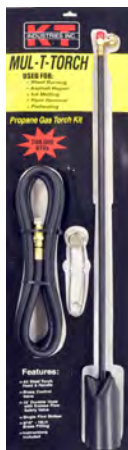


### PORTABLE TORCH KIT VICTOR® STYLE WITHOUT TANKS

#### Model No. 31-5011

Victor® compatible (Portable Torch or Super-Range). Ready to weld up to 3/16" and cut up to 1/2". Will weld up to 1" and cut up to 4" with larger tips. All pieces are U/L listed.

Contents		
Torch Handle	Acetylene Regulator	Cutting Attachment
Goggles	Oxygen Regulator	Cutting Tip size 0
Striker	Plastic Carrier	Welding Tip size 0
12-1/2' Twin Hose		

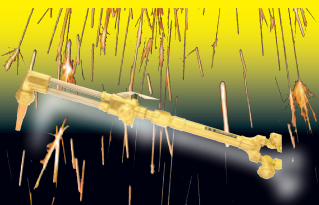


### AIR PROPANE TORCH OUTFIT

#### Model No. 31-5015

Designed for heavy duty outdoor applications. High volume (up to 500,000 BTU) for weed burning, ice melting, asphalt removal and any other outdoor applications. For use with standard 2010 bar-b-que propane tanks. All steel torch handle and torch head. 10' hose and single flint striker included. Brass control knob will not freeze up in cold weather.

**FOR USE WITH PROPANE ONLY.**



## Regulators

### WORKHORSE REGULATORS

Single stage regulators are designed for performance and reliability in medium to heavy duty gas welding, cutting and heating applications. Large 2-3/4" diaphragm and Victor® style seat mechanism, make this series of regulators true work horses. Self re-seating, external pressure relief valve on oxygen model. Features include large 2" gauges for easier reading, a brass adjusting screw with forged "T" handle and precision machined nozzles for optimum flow control. The regulators also feature a sintered bronze inlet filter that keeps out dirt and foreign particles. The bodies are made from extra strength die-forged brass. Blister packed for easy retail sale. U/L listed.

Model No.	Type
3-7135	Oxygen
3-7130	Acetylene



### MIG METER ARGON FLOW GAUGE

#### Model No. 3-7153

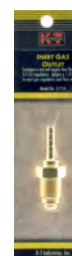
Designed for MIG and TIG applications and provide accurate regulation of gas flow. Features include large 2" gauges for easier reading, stem type seat assembly for more reliable seating and precision machined nozzles for optimum flow control. The regulators also feature a sintered bronze inlet filter that keeps out dirt and foreign particles. The bodies are made from extra strength class "A" brass bar stock. Blister packed for easy retail sale. U/L listed.



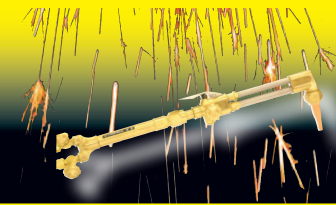
### INERT GAS OUTLET NUT AND NIPPLE

#### Model No. 3-7154

Fits K-T 3-7153. Converts regular inert gas outlets to a 1/4" hose nipple.







## Torch Handles, Cutting Attachments, O-Rings, Mixers



3-7102



3-7202

### VICTOR® STYLE TORCH HANDLES

#### Model No. 3-7102

Torch handles have die forged brass body Y's and valve bodies. Threaded for easy replacement. Control valves have teflon packing for smooth, gas tight operation. Tube in tube design has greater wall thickness for higher handle strength. Victor® style. U/L listed.

### HARRIS® STYLE TORCH HANDLES

#### Model No. 3-7202

Torch handle has "in head" gas mixer and two tubes within the torch handle. U/L listed.

### VICTOR® STYLE MEDIUM DUTY CUTTING ATTACHMENT

#### Model No. 3-7105T

The cutting heads are designed with a smooth cutting valve for precise easy-on control. Tube mix design can be used with acetylene, propane and other fuel gases. Stainless steel tubes for strength and long life. Dense die forged brass head gives years of service. Double "O" ring design gives quick hand tight and leak free operation. Victor® style. U/L listed.

### HARRIS® CUTTING ATTACHMENT

#### Model No. 3-7205

Three tubes in a triangular arrangement. Flat seat tip design. Use 6290 and 6290NX cutting tips. The cutting heads are designed with a smooth cutting valve for precise easy-on control. Tube mix design can be used with acetylene, propane and other fuel gases. Stainless steel tubes for strength and long life. Dense die forged brass head gives years of service. Features "in head" gas mixer. U/L listed.

### VICTOR® STYLE "O" RING KIT

#### Model No. 3-7105TOR

Replaces "O" rings on K-T Victor® medium duty mixer and torch handles. Contains both small and large "O" rings.

### VICTOR® STYLE MEDIUM DUTY MIXER

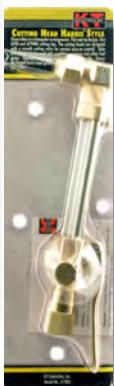
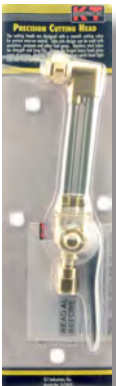
#### Model No. 3-7110

Spiral gas mixers ensure even gas mixtures and flame characteristics. Use with K-T medium or heavy duty welding and heating tips.

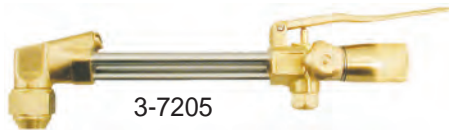
### D85 HARRIS® STYLE MIXER

#### Model No. 3-7210

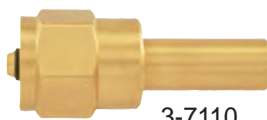
Fits Harris Heating tips and welding tips. Fits Harris and K-T's 3-7202 torch handles. U/L listed.



3-105T



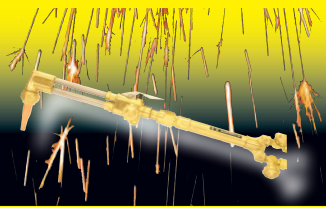
3-7205



3-7110



3-7210



## K-T Victor® Style Tips

K-T's direct replacement tips are designed specifically for use with OEM apparatus. Made from high quality copper and brass bar stock. Performance tested prior to shipment. K-T's design, workmanship and quality control assure the user of products that will perform better and last longer. The following tips will fit Victor®, Super Range®, Jobber® and All Pro® outfits.

### OXY-ACETYLENE CUTTING TIPS STYLE 3-101

Fits Victor style medium duty torches.

Model No.	Size	Model No.	Size
31-1269	00	31-1272	2
31-1270	0	31-1273	3
31-1271	1	31-1274	4



Oxy-Acetylene



### PROPANE CUTTING TIP STYLE 3GPN

Fits Victor® style medium duty torches.

Model No.	Size	Model No.	Size
31-1270P	0	31-1272P	2
31-1271P	1	31-1273P	3



Propane



### OXY-ACETYLENE WELDING TIP TYPE 13

Mixer not included. Use with K-T 3-7110 mixer. Fits Victor® style medium duty torches.

Model No.	Size
31-2002	2
31-2004	4



Oxy-Acetylene



Oxy-Acetylene

### K-T/VICTOR HEATING TIP

#### Model No. 31-3004

Includes K-T 3-7110 mixer. Fits Victor® style medium duty torches. Size 4

### HEAVY DUTY OXY-ACETYLENE CUTTING TIP

Style 1-101. Fits Victor® Journeyman®.

Model No.	Size	Model No.	Size
31-1279	00	31-1282	2
31-1280	0	31-1283	3
31-1281	1		



Oxy-Acetylene



### HEAVY DUTY PROPANE CUTTING TIP

Style GPN. Fits Victor® Journeyman®.

Model No.	Size	Model No.	Size
31-1280P	0	31-1282P	2
31-1281P	1	31-1283P	3



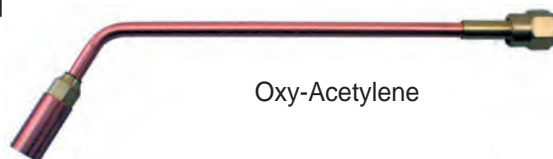
Propane



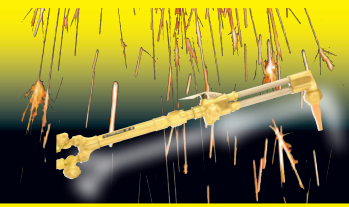
### HEAVY DUTY OXY-ACETYLENE HEATING TIP

#### Model No. 31-3018

Includes K-T 3-7111 mixer. Fits Victor® Journeyman®.



Oxy-Acetylene



## Harris® Style Tips

K-T's direct replacement tips are designed specifically for use with OEM apparatus. Made from high quality copper and brass bar stock. Performance tested prior to shipment. K-T's design, workmanship and quality control assure the user of products that will perform better and last longer. The following tips will fit K-T's Excalibur style medium duty torch kits and Harris® Expert®.



Oxy-Acetylene

### HARRIS® STYLE 6290 OXY-ACETYLENE CUTTING TIPS

Model No.	Size	Model No.	Size
32-1100	00	32-1002	2
32-1110	0	32-1003	3
32-1001	1	32-1004	4



Propane

### HARRIS® STYLE 6290X PROPANE CUTTING TIPS

Model No.	Size	Model No.	Size
32-1100P	00	32-1002P	2
32-1110P	0	32-1003P	3
32-1001P	1	32-1004P	4

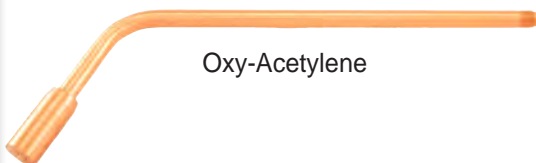


Oxy-Acetylene

### WELDING TIP TO FIT HARRIS® 23-A-90 OXY-ACETYLENE SIZE 1

**Model No. 32-2001**

Mixer not included. Use with K-T 3-7210 mixer. Size 1.



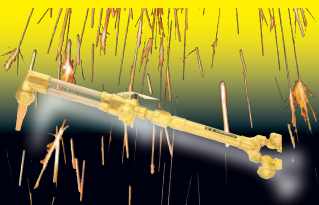
Oxy-Acetylene

### HEATING TIP TO FIT HARRIS® OXY-ACETYLENE

**Model No. 32-3004**

Mixer not included. Use with K-T 3-7210 mixer. Size 4.





## Smith® Style Tips, Pressure Guages

K-T's direct replacement tips are designed specifically for use with OEM apparatus. Made from high quality copper and brass bar stock. Performance tested prior to shipment. K-T's design, workmanship and quality control assure the user of products that will perform better and last longer.

### CUTTING TIPS TO FIT SMITH® MC-12 OXY-ACETYLENE

The following tips will fit Smith® medium duty outfits.

Model No.	Size	Model No.	Size
34-1260	0	34-1263	3
34-1261	1	34-1264	4
34-1262	2		



Oxy-Acetylene



### CUTTING TIPS TO FIT SMITH® MC-40 PROPANE

The following tips will fit Smith® medium duty outfits.

Model No.	Size	Model No.	Size
34-1260P	0	34-1262P	2
34-1261P	1		



Propane



### CUTTING TIPS TO FIT SMITH® SC-12 OXY-ACETYLENE

The following tips will fit Smith® heavy duty outfits.

Model No.	Size	Model No.	Size
33-1001	1	33-1003	2
33-1003	2		



Oxy-Acetylene



### CUTTING TIPS TO FIT SMITH® SC-40 PROPANE

The following tips will fit Smith® heavy duty outfits.

Model No.	Size	Model No.	Size
33-1001P	1	33-1002P	2



Propane

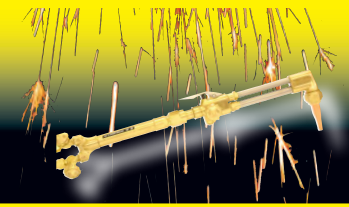


### 2" PRESSURE GAUGES

Gauges are U.L. listed and feature a watch-type precision movement. The one piece ring and crystal are shatter resistant and have a protective lip to reduce damage to the face. All models have rear safety blowout case design.

Model No.	Pressure	
3-7303	30 lbs.	Acetylene Low Pressure
3-7310	100 lbs.	Oxygen Low Pressure
3-7340	400 lbs.	Acetylene High Pressure
3-7380	4000 lbs.	Oxygen High Pressure





## Regulator Parts, Hoses



### **OXYGEN REGULATOR INLET NUT AND NIPPLE** **Model No. 3-7580**

Contains both nut and nipple for oxygen regulators that use a 1/4" national pipe thread inlet. CGA-540.



### **ACETYLENE REGULATOR INLET NUT AND NIPPLE**

#### **Model No. 3-7581**

Contains both nut and nipple for acetylene regulators that use a 1/4" national pipe thread inlet. CGA-510. Can also be used on other fuel gasses such as propane.



### **ARGON REGULATOR INLET NUT AND NIPPLE**

#### **Model No. 3-7582**

Contains both nut and nipple for argon regulators that use a 1/4" national pipe thread inlet. CGA-580.



### **CO2 REGULATOR INLET NUT AND NIPPLE**

#### **Model No. 3-7583**

Contains both nut and nipple for CO2 regulators that use a 1/4" national pipe thread inlet. CGA-320.



### **NO. 61 FUEL GAS TANK ADAPTOR**

#### **Model No. 3-7561**

Adapts CGA 300 "COMM" cylinders to CGA-510 "POL" regulators.



### **TWIN WELDING HOSE**

K-T hose is manufactured with intense quality control that far exceeds industry standards. The twin hose exceeds RMA & CGA specifications for type S grade R.

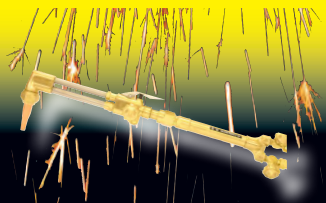
Model No.	Size	Model No.	Size
3-7412	3/16" x 25'	3-7418	3/16" x 50'
3-7460	1/4" x 25'	3-7490	1/4" x 50'



### **PROPANE TWIN WELDING HOSE**

#### **Model No. 3-7405**

D1/4" x 25' twin hose specifically designed for use with propane fuel gas. The twin hose exceeds RMA & CGA specifications for type S grade T.



## Brass Fittings

### BRASS HOSE FERRULES

Designed to fit most brands of twin hose. Can be used with K-T 3-7605 crimping tools to provide a tight seal on twin hose. 4 Pack.

Model No.	Size	Model No.	Size
3-7502	1/4"	3-7501	3/16"

### BRASS HOSE NIPPLES

Designed to fit most brands of twin hose. B size. 2 Pack.

Model No.	Size	Model No.	Size
3-7552	1/4"	3-7550	3/16"

### BRASS HOSE SPLICERS

Designed to fit most brands of twin hose. B size. 2 Pack

Model No.	Size	Model No.	Size
3-7555	1/4"	3-7556	3/16"

### BRASS HOSE COUPLER KIT

#### Model No. 3-7526

Contains both oxygen and acetylene couplers on one card. Fits both 3/16" and 1/4" hose.

### FERRULE TYPE HOSE END REPAIR KITS

Each kit contains all parts necessary to repair hose ends including 2 brass hose ferrules that can be crimped with K-T 3-7605 crimping tool, two hose nipples, one oxygen nut and one acetylene nut.

Model No.	Size	Model No.	Size
3-7565	1/4"	3-7566	3/16"

### FERRULE TYPE HOSE SPLICING KITS

Each kit includes 4 brass hose ferrules that can be crimped with K-T 3-7605 crimping tool and two hose splicers.

Model No.	Size	Model No.	Size
3-7565	1/4"	3-7566	3/16"

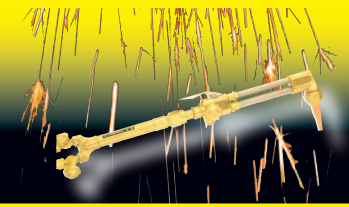
### TORCH END CHECK VALVE SET

#### Model No. 3-7540

Check valves prevent reverse flow of gases which can cause dangerous mixtures. K-T recommends the use of check valves between the torch and regulators at all times. Contains both oxygen and fuel gas check valves. **Note: Check valves are not flash back arrestors and should not be used as such!**







## Oxy-Acetylene Tools



### LOCK GRIP CRIMPING TOOL

#### Model No. 3-7605

A very easy and convenient tool to use. Safely crimps ferrule on twin welding hose. Two holes can crimp both 3/16" and 1/4" hose.

### TIP DRILL

#### Model No. 5-0040

Contains 12 high speed steel drill bits (Even No's 52-74). All aluminum collet.

### TIP CLEANER KITS

Recommended for use with all brands of standard cutting and welding tips. These tip cleaner kits consist of top quality stainless steel wires. The tapered pilot ends will not damage tip ends. Cleaner numbers and drill sizes are stamped on each case.

Model No.	Length
5-0070	Standard
5-0075	Long

### COMBINATION WRENCH

#### Model No. 5-0120

Combination wrench is 9" long and has a total of 10 openings from 7/16" to 1-1/8" including boxed opening for B and MC acetylene valves and a socket for commercial acetylene cylinders.

### "T" WRENCH

#### Model No. 5-0122

The 6" long wrench fits Linde®, P.O.L.® and Pyrofax® valve stems. Black oxide finish.

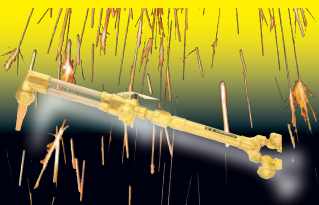
Model No.	Size
5-0122	9/32" (.290" actual opening)
5-0123	3/8" (.390" actual opening)

### BAR WRENCH

#### Model No. 5-0125

3-1/8" long no. 5 double ended stamped box wrench for 3/16" B and MC Acetylene valves. (.194 actual opening). Black oxide finish.





## Oxy-Acetylene Tools

### SINGLE FLINT STRIKERS

#### Model No. 5-1200

Being light weight makes this striker K-T's most popular model. Economical and dependable. Made of high tinsel steel wire, with 3/8" diameter round file and large hood to trap gas for instant ignition. Equipped with 9/64" diameter flint which is set in an aluminum holder. Capable of producing 1500 ignitions before replacement.



### SINGLE FLINT STRIKER RENEWALS

#### Model No. 5-1205

Give extra life to strikers. Fits most standard single flint strikers. Carded 5 per card in handy plastic holder.



### Electric Torch Lighter

#### Model No. 5-1250

For use with Acetylene, propane, natural gas, butane and mapp gasses.

**NEW!**



**NEW ITEM**

### THREE FLINT STRIKERS

#### Model No. 5-1300

Made with 1/2" wide steel frame, featuring a triangular assembly with three large flints to be successively rotated into sparking position, affording three times as many ignitions before needing replacement. Long lasting round file has more than one square inch of sharp cutting surface. Plated hood protects file and traps gas for quick ignition.



### THREE WAY FLINT STRIKER RENEWALS

#### Model No. 5-1305

Add life to your present three way flint striker. Replaces rotating three way renewals. Fits most three way renewal lighters. 4 per package.





## Welding Helmets and Auto Darkening Helmets



Model No.  
4-1002



Model No.  
4-1003



Model No.  
4-1004



Model No.  
4-1050

### K-T PROFESSIONAL WELDING HELMETS

These durable yet comfortable welding helmets are thinner, tougher and lighter than ordinary helmets. A streamline compact design makes this helmet ideal for getting into tight places. Ratcheting, floating headgear provides protection from jolts. Extra smooth shell deflects sparks and spatter. Flash barrier provides extra protection from "halo" light. Helmets include shade 10 welding plates and clear plastic cover lens. Helmets use standard size filter, cover and impact plates. Meets ANSI Z87.1.

Bulk	
Model No.	Description
4-1002	2 x 4-1/4" Flip Front Helmet - Black
4-1003	4-1/2 x 5-1/4" Fixed Front Helmet - Black
4-1004	4-1/2 x 5-1/4" Flip Front Helmet - Black

### SHADE 9 - 13 GEN II AUTO DARKENING HELMET

#### Model No. 4-1050

This completely redesigned helmet is made of lightweight, molded nylon with a ratcheting headgear and moisture-absorbing lining on the headband. **Customized Fit** - Designed and equipped with a special up/down, forward/backward headband mechanism, reducing fatigue of the head and neck. **Magnifying Lens** - Every K-T Auto Darkening helmet now includes a magnifying lens holder as well as the actual lens itself. **Sensitivity Factor** - The sensitivity adjustment knob is located outside the helmet making it more convenient for the operator while at work. **Variable Shades** - Adjust shade selection from 9 - 13 with the turn of a knob on the outside of the helmet. Shade Guide Table is provided for easy and accurate number selection. **Dark-to-Clear Delay** - Upon striking an arc, the filter automatically changes from clear to dark in only 1/30,000 of a second. Operator sets the delay time for the filter screen to change from dark to clear state - short, medium or long. **Replacement Lenses** - Changing scratched or damaged lenses is fast and easy! Clear outside lens and inside lens are available from K-T Industries. **Dual Purpose** - Set selection on outside of helmet for WELDING or GRINDING. **UV/IR Protection** - Auto-darkening filters provide full protection for the user's eyes and face, even in the light state. The UV/IR protection level is up to Shade 16 (DIN) at all times. Conforms with ANSI and CE safety standards. **Large Lens Size** - Increased field of vision makes it easier to see the working parameter. Model No. 4-1050 measures 3.86" x 1.69". Each has four optical sensors. **Battery and Solar Power** - The helmet is powered by high performance solar cells, and has two built-in, 3V lithium batteries as power back-up. ADF lens turns off automatically after 5 minutes of inactivity to conserve power. **Battery Test Button** - Feature located on the inside of the helmet to test the batteries condition.

NEW!





**Professional**

# SAFETY ACCESSORIES



## Auto Darkening Helmets

### Generation II AUTO DARKENING HELMETS

This completely redesigned helmet is made of lightweight, molded nylon with a ratcheting headgear and moisture-absorbing lining on the headband. **Customized Fit** - Designed and equipped with a special up/down, forward/backward headband mechanism, reducing fatigue of the head and neck. **Magnifying Lens** - Every K-T Auto Darkening helmet now includes a magnifying lens holder as well as the actual lens itself. **Sensitivity Factor** - The sensitivity adjustment knob is located outside the helmet making it more convenient for the operator while at work. **Variable Shades** - Adjust shade selection from 9 - 13 with the turn of a knob on the outside of the helmet. Shade Guide Table is provided for easy and accurate number selection. **Dark-to-Clear Delay** - Upon striking an arc, the filter automatically changes from clear to dark in only 1/30,000 of a second. Operator sets the delay time for the filter screen to change from dark to clear state - short, medium or long. **Replacement Lenses** - Changing scratched or damaged lenses is fast and easy! Clear outside lens and inside lens are available from K-T Industries. **Dual Purpose** - Set selection on outside of helmet for WELDING or GRINDING. **UV/IR Protection** - Auto-darkening filters provide full protection for the user's eyes and face, even in the light state. The UV/IR protection level is up to Shade 16 (DIN) at all times. Conforms with ANSI and CE safety standards. **Larger Lens Size** - Increased field of vision makes it easier to see the working parameter. Model Nos. 4-1070, 4-1071, 4-1072, 4-1073, 4-1074, 4-1075 and 4-1076 now measure 3.86" x 2.17". Each has four optical sensors. **Battery and Solar Power** - The helmet is powered by high performance solar cells, and has two built-in, 3V lithium batteries as power back-up. ADF lens turns off automatically after 5 minutes of inactivity to conserve power. **Battery Test Button** - Feature located on the inside of the helmet to test the batteries condition.



**Model No. 4-1070**  
Phoenix



**Model No. 4-1071**  
Flaming Skull



**Model No. 4-1072**  
Cool Blue



**Model No. 4-1073**  
Patriotic

Model No.	Description
4-1070	Phoenix
4-1071	Flaming Skull
4-1072	Cool Blue
4-1073	Patriotic
4-1074	Patriot
4-1075	Crossbone Skull
4-1076	Camo

NEW!  
NEW!  
NEW!  
NEW!  
NEW!  
NEW!  
NEW!



**Model No. 4-1074**  
Patriot



**Model No. 4-1075**  
Crossbone Skull



**Model No. 4-1076**  
Camo

NEW ITEM



## Helmet Headgear



### HELMET REPLACEMENT HEADGEAR

#### Model No. 4-1201

Our best selling ratcheting headgear can be easily tightened or loosened without ever removing the helmet. Ratchet headgear keeps helmet firmly in place during extreme activity. Fits 4-1002, 4-1003, 4-1004, 4-1008, 4-1009.



### REPLACEMENT HEADGEAR FOR K-T AUTO DARKENING HELMET

#### Model No. 4-1202

Ratcheting headgear can be easily tightened or loosened without removing the helmet. Ratchet headgear keeps helmet firmly in place during extreme activity. Headgear fits K-T 4-1050 4-1070, 4-1071, 4-1072, 4-1073 and 4-1074 Gen I helmets.



### HELMET REPLACEMENT HEADGEAR

#### **NEW!** Model No. 4-1203

Ratcheting headgear can be easily tightened or loosened without removing the helmet. Ratchet headgear keeps helmet firmly in place during extreme activity. Headgear fits K-T 4-1050, 4-1070, 4-1071, 4-1072, 4-1073, 4-1074, 4-1075 and 4-1076 Gen II helmets.



### HELMET REPLACEMENT HEADGEAR

#### Model No. 4-1206

This quality ratcheting headgear can be easily tightened or loosened without ever removing the helmet. Ratchet headgear keeps helmet firmly in place during extreme activity. Headgear fits K-T 4-1007 Slimline helmets.





## Complete Face Shields

### RATCHET FACE SHIELD HEADGEAR

#### Model No. 4-2476

The ratchet headgear can be adjusted to 27 sizes. Easily tightened or loosened without removing the visor. Pivot tabs relieve pressure on temples. Soft vinyl sweatband. Adjustable headgear tension and crown strap adjust to four different height positions. Use K-T visors shown below. Exchangeable with Jackson Morsafe®, Huntsman®, Norton® and Bullard® visors. Meets ANSI Z87.1.



### COMPLETE FACE SHIELDS

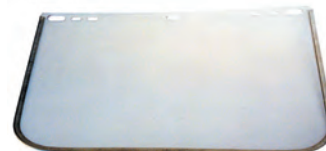
Sturdy, clear windows provide optimum protection from impact and dust. Tinted windows provide additional protection from glare. The ratchet headgear can be easily tightened or loosened without removing the visor. Ratchet headgear keeps the visor firmly in place during extreme activity. Attractive display bag with header. Meets ANSI Z87.1.



Model No.	Description
4-2470	Clear, Ratchet Headgear Complete
4-2471	Tinted, Ratchet Headgear Complete

### REPLACEMENT FACE SHIELD WINDOW

Fits either snap lock headgear or ratchet headgear. Interchangeable with Jackson Morsafe®, Huntsman®, Norton® and Bullard® visors. Sturdy, clear windows provide optimum protection from impact and dust. Tinted windows provide additional protection from glare. Bound with aluminum for easy molding. Meets ANSI Z87.1.



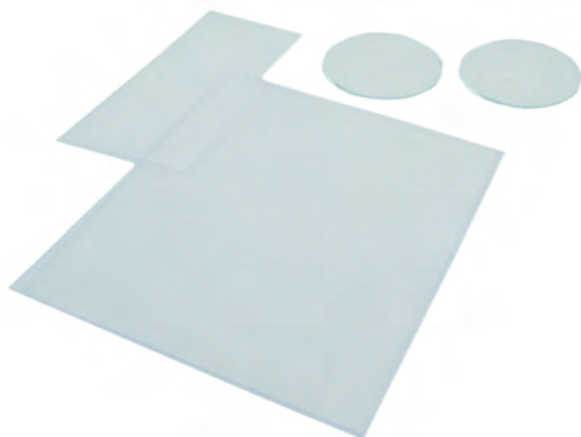
**NEW ITEM**

Model No.	Description
4-2477	Clear Replacement Visor Unbound 8" X 12"
4-2478	Tinted Replacement Visor Unbound 8" X 12"
4-2480	Clear Replacement Visor Unbound 9" X 15.5"
4-2481	Tinted Replacement Visor Unbound 9" X 15.5"
4-2487	Clear Replacement Visor Bound 8" X 12"
4-2488	Tinted Replacement Visor Bound 8" X 12"





## Clear Lens, Auto Darkening Lens



### CLEAR COVER LENS

Protect more expensive filter plates from pitting and scratches. Replace pitted and scratched lens immediately to protect yourself. Use plastic whenever possible for safety.

Model No.	Size	Material
4-1100	2 x 4-1/4"	Glass
4-1101	2 x 4-1/4"	Plastic
4-1150	4-1/2 x 5-1/4"	Glass
4-1151	4-1/2 x 5-1/4"	Plastic
4-1193	50MM	Glass
4-1194	50MM	Plastic



### REPLACEMENT AUTO DARKENING LENS

Replacement lens for K-T autodarkening helmets.

Model No.	Type
4-1189	4-1070 Series Gen I
4-1190	4-1050 Gen I



**Professional**  
**SAFETY ACCESSORIES**



**Clear Lens, Magnifier Lens**

**CLEAR PLASTIC COVER LENS FOR AUTO DARKENING HELMETS**

Protect more expensive filter plates from pitting and scratches. Replace pitted and scratched lens immediately to protect yourself. Use plastic whenever possible for safety.

Model No.	Type	Style/Fit
4-1181	Inside	Old 4-1050 Size 1.75" x 3.875"
4-1182	Cover	Hobart® Style 3.367" x 4.463"
4-1185	Cover 2 Pack	4-1070 to 4-1074, 4-1050 3.5" x 4.5" Gen I
4-1186	Inside 2 Pack	4-1070 to 4-1076 2.28" x 4.21" Gen I or II
4-1187	Inside 2 Pack	Gen I 4-1050 1.8125" x 4.125"
4-1191	Cover 2 Pack	For Gen II Series 4-1050 to 4-1076
4-1192	Inside 2 Pack	For Gen II Series 4-1050



NEW!

NEW!

**2" x 4-1/4" MAGNIFIER LENS**

Ideal for welders wearing bifocals. Almost unbreakable, resists scratching. Ideal optical performance provides welder with a better defined work area. Meets ANSI Z87.1.

Model No.	Description
4-1169	1.50 Magnifier Lens
4-1170	2.00 Magnifier Lens

\* Also see new magnifier glasses in Safety glasses section.

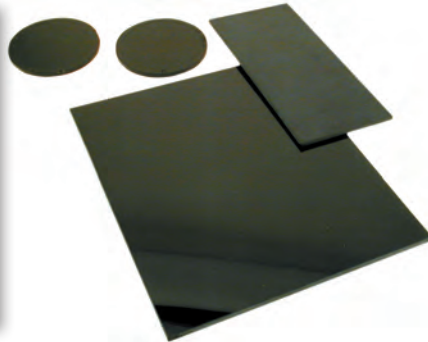


NEW ITEM





## Filter Plates



### FILTER PLATES

Available in different shades for different applications. Shade 4 and 5 are recommended for gas welding or cutting. Shade 9 through 12 are recommended for arc welding. The higher the number the darker the shade and more protection given. For more extreme exposure such as very heavy arc welding use shade 11 or 12. Meets ANSI Z87.1.

### 2" x 4-1/4" Welding Plates

Model No.	Size	Model No.	Shade
4-1105	No. 5	4-1110	No. 10
4-1108	No. 8	4-1111	No. 11
4-1109	No. 9	4-1112	No. 12

### SHADE SELECTION CHART

#### SHADE SELECTION FOR GAS WELDING

Shade No.	Application
4	Welding and brazing up to 70 Ltr Acetylene/ hour, flame cutting up to 900 Ltr Oxygen/ hour, steel or grey cast iron welding, light alloy welding.
*5	General Welding and brazing with 70 to 200 Ltr Acetylene/hour, general flame cutting with 900 to 2,000 Ltr Oxygen/hour.
6	Heavy Welding and brazing with 200 to 800 Ltr Acetylene/hour, heavy flame cutting up to 2000 to 4000 Ltr Oxygen/hour.
7	Very heavy Welding and brazing with over 800 Ltr Acetylene/ hour, very heavy flame cutting from 4000 to 8000 Ltr Oxygen/ hour.
*8	Extremely heavy flame cutting over 4000 to 8000 Ltr Oxygen/ hour.

#### SHADE SELECTION FOR ELECTRIC WELDING

Shade No.	Plasma	Mig	Arc
*9			20-39A
*10		80-99A	40-79A
*11	50-149A	100-174A	80-174A
12	150-249A	175-249A	175-299A

\*The most popular selling shades

### 4-1/2" x 5-1/4" Welding Plates

Model No.	Shade	Model No.	Shade
4-1158	No. 8	4-1160	No. 10
4-1159	No. 9	4-1161	No. 11

### 50 MM Welding Plates (Sold in Pairs)

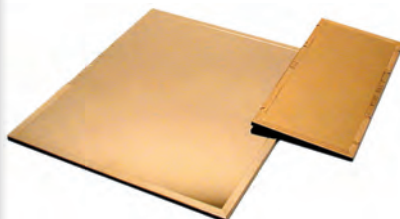
For use with the 4-2360 goggles.

Model No.	Shade
4-1197	No. 5

### GOLD FILTER PLATES

All of the shading properties plus the following big advantages. The gold lens reflects as much as 90% of radiated heat of welding arc which keeps the welding helmet much cooler. This allows the welder to work longer and more efficiently. The gold also reduces glare which reduces eye strain. Meets ANSI Z87.1.

Model No.	Size	Shade
4-1130	2" x 4-1/4"	No. 10 Gold Filter
4-1165	4-1/2" x 5-1/4"	No. 9 Gold Filter
4-1166	4-1/2" x 5-1/4"	No. 10 Gold Filter







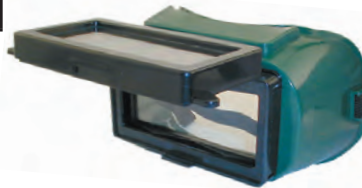
## Goggles

### 2" x 4-1/4" SOFT SIDE GOGGLES

Soft green opaque frame seals out light. Light weight for longer comfort. Deep frame accommodates safety glasses. Available in fixed front or flip front. Includes No. 5 filter plate. Clam shell packaged. Meets ANSI Z87.1.



Model No.	Size	Type
4-2300	2 x 4-1/4"	Fixed Front
4-2305	2 x 4-1/4"	Flip Front



### CUP GOGGLES

#### Model No. 4-2360

The one piece molded plastic cups are flame resistant. Well vented hard plastic eye cups. Includes No. 5 filter plate. Clam shell packaged. Meets ANSI Z87.1.



### ELASTIC HEADBAND FOR GOGGLES

#### Model No. 4-2411

Elastic headbands are carded 4 to a card. Replace worn head band for safety. Works for just about all goggles sold.





## Goggles



### **CLEAR PERFORATED SAFETY GOGGLES**

#### **Model No. 4-2400**

Clear perforated frame for general industrial conditions. Can be worn with almost any prescription glasses. Soft vinyl frames make the goggle comfortable for hours. Clam shell packaged. Meets ANSI Z87.1.



### **TINTED PERFORATED SAFETY GOGGLES**

#### **Model No. 4-2402**

All of the features of the 4-2400 goggles with a tinted green lens. Can be worn with almost any prescription glasses. Soft vinyl frames make the goggle comfortable for hours. Not for oxy-acetylene welding. Clam shell packaged. Meets ANSI Z87.1.



### **CLEAR INDIRECT VENT CHEMICAL SAFETY GOGGLES**

#### **Model No. 4-2405**

Frames have hooded and screened vents for acid and splash conditions. Can be worn with almost any prescription glasses. Soft vinyl frames make the goggle comfortable for hours. Clam shell packaged. Meets ANSI Z87.1.



**Professional**

# SAFETY ACCESSORIES



## Hard Hats, Breathing Protection, Safety Glasses

### HARD HATS

6-Point ratchet Nylon Suspension. Pinlock nylon suspension can be adjusted and locks for a secure, hassle free fit. Lightweight polyethylene with impact-absorbing ridges. Universal accessory slots fit most cap mounted ear muffs. Soft brow band is washable and reusable. Meets ANSI Z89.1-2003 Standard, Type 1, Class G & E

Model No.	Color
4-2500	White
4-2550	Yellow

### FULL BRIM HARD HATS

Four point nylon strap suspension. Pinlock nylon suspension can be adjusted and locks for a secure, hassle free fit. Lightweight polyethylene with impact-absorbing ridges. Universal accessory slots fit most cap mounted ear muffs. Soft brow band is washable and reusable. Meets ANSI Z89.1-2009 Standard, Type 1, Class G & E. Manufactured in the USA.

Model No.	Color
4-2502	Full Brim White
4-2552	Full Brim Yellow

### DISPOSABLE DUST MASKS

This featherweight dust mask needs only an elastic band to hold it. Adjustable nosepiece provides a comfortable and tight fit. It should be worn with glasses and face protection. The dust mask protects from nontoxic nuisance dust only. Suitable for home do-it-yourself projects.

Model No.	Pack
4-3300	5 Pack
4-3305	50 Pack

### VISITOR SAFETY GLASSES

These stylish plastic frame spectacles, which fit 95% of potential wearers, incorporate a new design that provides maximum eye protection and comfort at a great value. Meets ANSI Z87.1.

Model No.	Lens
4-2460	Clear
4-2461	Tinted



**NEW!**  
**NEW!**



**NEW ITEM**







## Safety Glasses, Safety Glasses Display



### WRAP AROUND SAFETY GLASSES

K-T's Wraparound Safety Glasses offer a winning combination of protection, style and comfort. The lightweight design temples assure superior fit. Optically correct, polycarbonate lens is distortion-free and impact resistant. Dual wraparound 9.75 base lens provides a nearly perfect orbital seal to enhance safety and performance. Meets ANSI Z87.1. Sold in packages of 12 only.



**NEW!**  
**NEW!**  
**NEW!**  
**NEW!**

Model No.	Lens
4-2420	Clear
4-2421	Smoke
4-2422	Amber
4-2423	Silver Mirror



### GLASSES DISPLAY CASE

#### Model No. 4-2419

**NEW!** This display case is designed to hold our wrap around glasses. Comes with 12 pairs of 4-2420, 4-2421, 4-2422 and 4-2423. It can hold 18 pairs total.



### ULTRA FASHION SAFETY GLASSES

K-T's Ultra Fashion Safety Glasses feature a 9.75 base lens curve for excellent optics and protection. Premium polycarbonate lens provides impact resistance. The telescoping temple length adjustment and gel nosepiece allows a precise fit and an all day comfort. Meets ANSI Z78.1 and Mil-PRF-31013 Ballistic



Model No.	Frame	Lens
4-2436	Black	Clear
4-2437	Black	Tint
4-2438	Black	Mirror
4-2439	Camo	Amber
4-2456	Black	Shade 5



STANDARD	IMPACT SPEED	CALIBER / SIZE	PROJECTILE
ANSI Z87.1 + High Velocity	150 feet / second 45 meters / second	0.25 inch diameter steel ball (25 caliber)	
Mil-PRF-31013 VO Ballistic	640-660 feet / second 195 meters / second	0.15 inch diameter steel projectile (15 caliber)	





**Professional**

# SAFETY ACCESSORIES



## Safety Glasses

### WRAP AROUND SAFETY GLASSES

K-T's Wraparound safety glasses offer a winning combination of protection, style and comfort. The lightweight design and rubber-tipped temples assure superior comfort and fit. Optically correct, polycarbonate lens is distortion-free and impact resistant. Dual wraparound 9.75 base lens provides a nearly perfect orbital seal to enhance safety and performance. Meets ANSI Z87.1.

Model No.	Lens
4-2450	Clear Indoor/Outdoor
4-2455	Tinted



### FASHION SAFETY GLASSES

Clear lenses are coated to help provide scratch resistance for longer wear and sharp visibility. Soft rubber temples and nose piece allow all day comfort for both men and women. All models include a neck cord to conveniently hang glasses around the neck. Meets ANSI Z87.1. (Tinted or mirrored glasses are not for welding.)

Model No.	Color	Lens
4-2459	Black	Clear
4-2464	Black	Tinted
4-2465	Black	Mirrored



### K-T POLARIZED LENS SAFETY GLASSES

#### Model No. 4-2457

K-T's Smoke-shade polarized lens blocks 99.9% of harmful UV rays and provides superior glare control in bright outdoor conditions. A built-in ventilation channel between the frame and lens gives extra fog control, while the polycarbonate lens provides impact resistance. The 4-Position temple length and 5-Position lens angle adjustments allow for a customized fit. Lightweight design and a non-slip, rubber nose pad give all day comfort. Meets ANSI Z87.1.



### K-T RSx BIFOCAL 2.0 SAFETY GLASSES

#### Model No. 4-2458

Bifocal safety glasses offer all the protection of regular safety glasses, but eliminate the need to wear reading glasses under your safety glasses! Our clear, polycarbonate lens features a Diopter +2 magnification molded into the lower lens, giving you impact resistance and increased reading power all in one. Rubber-tipped temples and soft rubber nose pad allow all day comfort. Meets ANSI Z87.1.



**NEW ITEM**



## Hearing Protection



### REUSABLE EAR PLUGS

#### Model No. 4-6110

Reusable medium ear plugs conform to each ear for excellent noise seal. Noise reduction rating of 31 decibels. Sold carded 1 per card.



### REUSABLE CORDED EAR PLUGS

#### Model No. 4-6111

Reusable medium corded ear plugs conform to each ear for excellent noise seal. Noise reduction rating of 31 decibels. Sold carded 1 per card.



### TRIPLE FLANGE EAR PLUGS

#### Model No. 4-6115

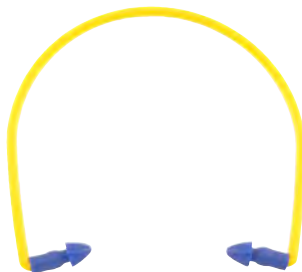
Triple flange ear plugs come in a convenient plastic carrying case. Excellent noise reduction. Sold carded 1 per card.



### TRIPLE FLANGE CORDED EAR PLUGS

#### Model No. 4-6116

Triple flange corded ear plugs come in a convenient plastic carrying case. Excellent noise reduction. Sold carded 1 per card.



### OVER THE HEAD EAR PLUGS

#### Model No. 4-6120

Over the head medium triple flange ear plugs. Excellent noise reduction. Sold display bagged 1 per display.



### EAR MUFFS

#### Model No. 4-6150

Light weight comfortable fit. Soft foam lined ear cups equalize pressure. Ball and socket joining for adjustable fit. Dielectric, contains no metal parts that may conduct electricity. Can be worn over the head, under the chin or behind the head. Rotating ear cups limit chafing and irritation. The NRR is 22 decibels.



### DELUXE EAR MUFFS

#### Model No. 4-6200

Light weight comfortable fit. Soft foam lined ear cups equalize pressure. Ball and socket joining for adjustable fit. Dielectric, contains no metal parts that may conduct electricity. Can be worn over the head, under the chin or behind the head. Rotating ear cups limit chafing and irritation. The NRR is 26 decibels.





## Head Protection

### BLACK QUILTED CAPS

#### Model No. 4-3150

Black quilted, flat crowned cap. Firm brimmed. Flame-retardant material. Size medium.

### VARIOUS PRINT WELDERS CAPS

Various print, high crowned cap. Soft brimmed. Flame-retardant material.

Model No.	Size
4-3122	Medium Various Print Cap
4-3123	Large Various Print Cap

### VARIOUS PRINT WELDERS CAP

#### Model No. 4-3125

Now you only have to stock one welders cap! Various print, high crowned, soft brimmed welders cap. One size fits all. Flame-retardant material.

### PATRIOTIC PRINT WELDERS CAP

#### Model No. 4-3126

Stars and stripes high crowned, soft brimmed welders cap. One size fits all. Flame-retardant material.

### PATRIOTIC PRINT WELDERS BEANIE

#### Model No. 4-3135

Stars and stripes various sizes. Flame-retardant material.

### CAMOUFLAGE PRINT WELDERS CAP

#### Model No. 4-3128

Soft brimmed welders cap. Flame-retardant material.

### DOO RAG BANDANAS

One size fits all. Flame retardant material.

Model No.	Type
4-3130	Various Prints
4-3131	Patriotic
4-3132	Camouflage

### WINTER LINER

#### Model No. 4-3140

Makes caps and hats warm and comfortable to wear in the coldest weather. Flame-retardant material is preshrunk and washable. All dielectric design with no metal snaps. Universal size with adjustable Velcro chin strap.







## Gloves



Available Mid 2014



### LEATHER PALM WORK GLOVE

#### Model No. 4-5000

Tough, durable and comfortable glove. Our leather palm work glove features heavy, side split cowhide on the palm, thumb and index finger, finger tips and knuckle strap. Great hand protection at a great value.

### PREMIUM MIG WELDERS GLOVE

#### Model No. 4-5030

Top quality leather. All seams are sewn with Kevlar thread. Very comfortable glove with pliable leather where mig handle is held, and enhanced insulation throughout the rest of the glove. The glove will provide long lasting protection and wear.

### PREMIUM PIG SKIN WELDERS GLOVE

#### NEW! Model No. 4-5033

A premium choice for comfort, durability, and protection. Ideal for almost any job. Quality leather makes this glove a great all around choice and superb value. Oil and weather resistant pig grain. Fully DuPont™ thread for superior seam strength. K-T's flame retardant lining provides for extra comfort and protection.

### PREMIUM GOAT SKIN WELDERS GLOVE

#### NEW! Model No. 4-5035

Premium goat skin welding and work gloves with lock stitch Kevlar stitching are the premium choice of mig and tig welders. Their comfortable lightweight design are oil and weather resistant while providing excellent flexibility required to pick up filler metal rods over traditional cow hide.



Available Mid 2014



### GREY WELDING GLOVE

#### Model No. 4-5005

A very good quality, standard welding glove. Gunn pattern, one piece back, fully lined and welted with wing thumb. Large size to fit most hands.

### RUSSET WELDING GLOVE

#### Model No. 4-5010

K-T's most popular glove featuring high quality shoulder leather with reinforced palm patch. A very comfortable glove with popular styling, including semi-soft lining. The glove will provide long lasting service and protection.



**Professional**

# SAFETY ACCESSORIES



## Leathers, Flame Retardant Clothing

### PREMIUM GRADE BLUE WELDING GLOVE

#### Model No. 4-5020

Professional welders glove. Top quality leather with Kevlar thread in all seams and reinforced palm patch. A very comfortable glove with popular styling, including semi-soft lining. The glove will provide very long lasting service and protection.



### PREMIUM GRADE BLACK WELDING GLOVE

#### Model No. 4-5025

Top quality shoulder split cow hide leather provides a tough and durable glove. The soft cotton lining keeps hands cool while welding. Kevlar thread and reinforced palm patch gives this pair of gloves a long life. This premium glove will provide long lasting service and protection.

**NEW!**

### LEATHER WAIST APRON

#### Model No. 4-5110

This apron features heavy duty one-piece construction. The "no seams" design provides extra durability. 24" wide x 24" long.



### LEATHER WELDING APRON

#### Model No. 4-5115

This welding apron is made of heavy duty suede leather. The one-piece design provides extra durability. The brass grommets will not slip. Comfortable tie straps remain in place. 24" wide x 36" long.

### X-LARGE LEATHER CAPE AND SLEEVES

#### Model No. 4-5123

Made of heavy duty suede leather. The most versatile and popular welding garment. It provides protection where it is needed most; at the arms and upper body. 14" bib offers full coverage.



### WELDERS SAFETY SLEEVE CLOTH

#### Model No. 4-5205

K-T's Welders safety flame retardant sleeve cloth is in high visibility orange color for safety at the job site. Sleeve features material that will retain flame retardancy for dozens of home washings.

**NEW!**



### FLAME RETARDANT JACKET

#### **NEW!** Model No. 4-5223

K-T's flame retardant jacket is in high visibility orange color for safety at the job site. Jacket features material that will retain flame retardancy for dozens of home washings. Dielectric and insulated snaps along with velcro to enhance fit and safety.



**NEW ITEM**





## Displays







## Notes

Professional

**WELDING / OXY / SAFETY**



***TOOLS AND WELDING SUPPLIES  
FOR THE PROFESSIONAL***

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***K-T Industries***

***P.O. Box 123***

***3112 Northwest Boulevard***

***Sheldon, Iowa 51201***

***Phone (712) 324-5361 Fax (712) 324-2930***

**[www.ktindustries.net](http://www.ktindustries.net)**