

# BE SURE—BUY SHURLITE

## SHURLITE SPARK LIGHTERS

MODEL NO.	DESCRIPTION	STANDARD PACKAGE
5001	THREE-FLINT	1 EA.
4501	THREE-FLINT	1 DZ.
2501	ROUND FILE, SINGLE-FLINT, H.D.	1 DZ.
2001	ROUND FILE, SINGLE-FLINT, STD.	1 DZ.
1501	FLAT FILE, HOODED	1 DZ.
700	SHOOT-A-LITE, 1 TO BOX	1 EA.



SINGLE FLINT LIGHTER

THREE FLINT LIGHTER

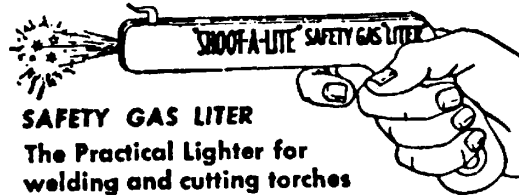


LIGHTERS MAY BE COMBINED FOR QUANTITY PRICES.

SPECIAL IMPRINT CHARGE: Hoods of No. 5001, 4501, 2501, & 2001 Lighters may be stamped with company name and city. Set up type limited to 4 lines of 11 letters, characters, and spaces per line. Special designs require an engraved die, with a one-time die charge. Minimum quantity: one gross of each catalog number to be imprinted.

Samsel P/N WLD 491 2001

*Ask for the manufacturer's catalog.  
We'll gladly send it to you.*



**SAFETY GAS LITER**

The Practical Lighter for welding and cutting torches

**SAFE! SURE! STRONG!**

## SHURLITE RENEWAL FLINTS



MODEL NO.	DESCRIPTION	UNIT	STANDARD PACKAGE
5002X	THREE-FLINT	4/BX.	12/4's
5001X	THREE-FLINT	1/ENV.	12/1's
2501X	SINGLE. H.D., ROUND FILE	6/BX.	24/6's
2001X	SINGLE, STD., ROUND FILE	6/BX.	24/6's
1501X	SINGLE, H.D., FLAT FILE	6/BX.	24/6's
701X	GUN TYPE FLINTS	1/ENV.	12/1's
702X	GUN TYPE FLINTS	6/BX.	24/6's

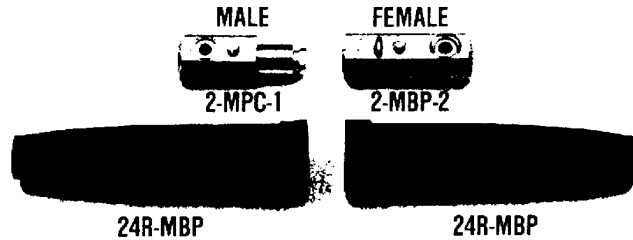
Samsel P/N WLD 501 1Pkg  
WLD 502 CD/5 2001x

701x WLD 503 4/CD 5012x

**TWECO CABLE CONNECTORS**

Two types of Cable Connectors are available. All are precision machined from special contour extruded brass. All types of connectors are equipped with heat and oil resistant molded covers. TWECO connectors attach to cable ends quickly and

efficiently. The male and female ends of the connector mate easily and twist into operating position. Tension adjustment can be made easily on the split male plug with a screw driver.



STOCK NUMBER	MODEL NUMBER	TYPE CABLE CONNECTION	CABLE CAPACITY	STANDARD PACKAGE
<b>BALL-POINT Mechanical Connection - cable attached mechanically</b>				
9405-1100	1-MBP Complete	Single Ball-Point	4, 2, 1	6
9405-1110	1-MBP-1 Male Half	Single Ball-Point	4, 2, 1	12
9405-1120	1-MBP-2 Female Half	Single Ball-Point	4, 2, 1	12
9405-1200	2-MBP Complete	Single Ball-Point	1/0, 2/0, 3/0	6
9405-1210	2-MBP-1 Male Half	Single Ball-Point	1/0, 2/0, 3/0	12
9405-1220	2-MBP-2 Female Half	Single Ball-Point	1/0, 2/0, 3/0	12
9405-1400	4-MBP Complete	Double Ball-Point	3/0 or 4/0	6
9405-1410	4-MBP-1 Male Half	Double Ball-Point	3/0 or 4/0	12
9405-1420	4-MBP-2 Female Half	Double Ball-Point	3/0 or 4/0	12
<b>POSITIVE-CAM Mechanical Connection - cable attached mechanically</b>				
9425-1100	1-MPC Complete	Single Ball-point	4, 2, 1	1
9425-1110	1-MPC-1 Male Half	Single Ball-point	4, 2, 1	2
9405-1120	1-MBP-2 Female Half	Single Ball-point	4, 2, 1	12
9425-1200	2-MPC Complete	Single Ball-point	1/0, 2/0, 3/0	1
9425-1210	2-MPC-1 Male Half	Single Ball-point	1/0, 2/0, 3/0	2
9405-1220	2-MBP-2 Female Half	Single Ball-point	1/0, 1/0, 3/0	12
9425-1400	4-MPC Complete	Double Ball-point	3/0 or 4/0	1
9425-1410	4-MPC-1 Male Half	Double Ball-point	3/0 or 4/0	2
9405-1420	4-MBP-2 Female Half	Double Ball-point	3/0 or 4/0	12
<b>MEC-CON Mechanical Connection - cable attached mechanically</b>				
9415-1100	1-M Complete	Mechanical	4, 2, 1	6
9415-1110	1-M-1 Male Half	Mechanical	4, 2, 1	12
9415-1120	1-M-2 Female Half	Mechanical	4, 2, 1	12
9415-1200	2-M Complete	Mechanical	1/0, 2/0, 3/0	6
9415-1210	2-M-1 Male Half	Mechanical	1/0, 2/0, 3/0	12
9415-1220	2-M-2 Female Half	Mechanical	1/0, 2/0, 3/0	12
9415-1400	4-M Complete	Mechanical	3/0 or 4/0	6
9415-1410	4-M-1 Male Half	Mechanical	3/0 or 4/0	12
9415-1420	4-M-2 Female Half	Mechanical	3/0 or 4/0	12

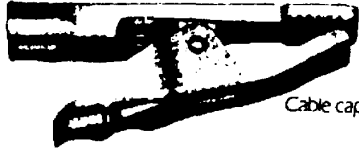
**Samsel P/N**

- WLD 046 1-MBP Complete
- WLD 051 2-MBP Complete
- WLD 052 2-MBP 1 Male Half
- WLD 490 1-MBP-2 Female Half

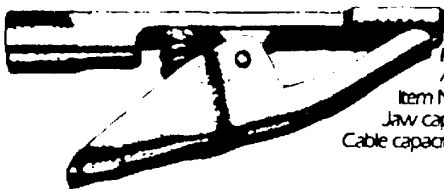
**REMINDER**  
**ANY TOOL NOT USED WITH**  
**CAUTION CAN CAUSE INJURY**  
**THINK SAFETY**

# GROUND CLAMPS

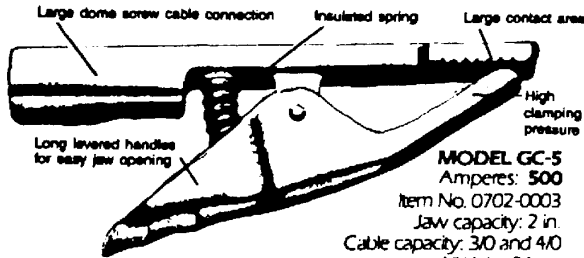
Double-Lok® ground clamps have forged copper alloy conductors with large contact areas, high clamping pressure and long-levered handles for easy jaw opening. The cable jacket is held securely inside the conductor body with a cable bar for improved holding ability and longer cable life. They have fully insulated pivots and springs.



**MODEL GC-2**  
Amperes: 200  
Item No. 0702-0001  
Jaw capacity: 1-1/4 in.  
Cable capacity: No. 4 through 1/0  
Weight: 16 oz.



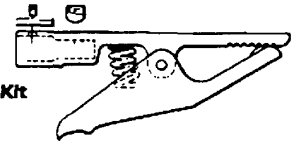
**MODEL GC-3**  
Amperes: 300  
Item No. 0702-0002  
Jaw capacity: 1-5/8 in.  
Cable capacity: 1/0 and 2/0  
Weight: 23 oz.



**MODEL GC-5**  
Amperes: 500  
Item No. 0702-0003  
Jaw capacity: 2 in.  
Cable capacity: 3/0 and 4/0  
Weight: 34 oz.

### CABLE CLAMP KITS

GC-2: Item No. 0703-0014  
GC-3: Item No. 0703-0015  
GC-5: Item No. 0703-0016  
**Cable Screw and Wrench Kit**  
For GC-2 and GC-3 clamps.  
Order Item No. 0701-0102.



### PLUG-IN INSULATED CABLE LUGS.

Plug-in cable lugs give you completely insulated welding machine terminal connections, plus quick-connect convenience. The lug body, with its soft vinyl cover, is secured to the terminal stud. Cable is attached by plugging in a male cable connector half. For use with Uni-Trik® or Quik-Trik® connectors 1/0 through 4/0 cable sizes.



### MODEL ULB-45.

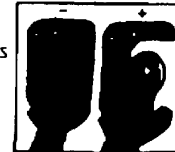
Uni-Trik angled lug, pair:  
Item No. 0706-0030.

### MODEL OLB-45.

Quik-Trik angled lug, pair:  
Item No. 0706-0034.

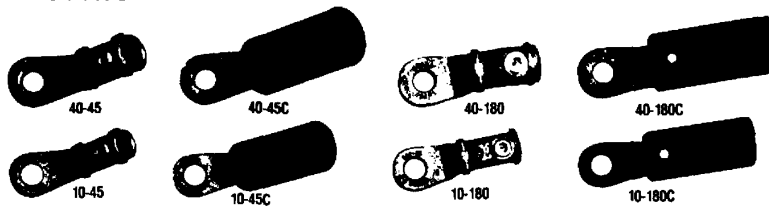
### LUG-BOOT® TERMINAL COVERS.

This is the easiest, least costly way to protect against electrical shock from exposed welding machine terminal connections, and satisfy specification requirements, too. These soft vinyl covers slide up over lug and cable, and are pulled back down over the completed connection, to cover the bus bar, lug, stud and nut.



One size Lug-Boot cover fits all cable from size 6 thru 4/0, and straight or angled style lugs. Sold in pairs.  
Item No. 0706-0029.

### BALL-POINT CONNECTION TYPE



STOCK NUMBER	MODEL NUMBER	TYPE CABLE CONNECTION	CABLE CAPACITY	SIZE OF STUD HOLE	STANDARD PACKAGE
	<b>LESS INSULATED COVER</b>				
9515-1100	10-45 - 45° Angle	Ball-Point	thru 1/0	17/32"	12
9515-1102	10-180 - 180° Angle	Ball-Point	thru 1/0	17/32"	12
9515-1110	40-45 - 45° Angle	Ball-Point	thru 4/0	17/32"	12
9515-1112	40-180 - 180° Angle	Ball-Point	thru 4/0	17/32"	12
	<b>WITH INSULATED COVER</b>				
9515-1101	10-45C - 45° Angle	Ball-Point	thru 1/0	17/32"	12
9515-1103	10-180C - 180° Angle	Ball-Point	thru 1/0	17/32"	12
9515-1111	40-45C - 45° Angle	Ball-Point	thru 4/0	17/32"	6
9515-1113	40-180C - 180° Angle	Ball-Point	thru 4/0	17/32"	6

Samsel P/N WLD 191 9515-1102 WLD 196 9515-1110  
WLD 201 9515-1112

## ELECTRODE HOLDERS

TWECOTONG ELECTRODE HOLDERS feature reversible top and bottom "SUPER-MEL" Insulators. Efficient 6-position jaw patterns and fully insulated, protected springs. Ball-point cable

connection is also featured. All TWECO holders are equipped with Cable Connection Supports which minimize cable strand breakage at the connection.



A-532



A-316



AL-300



A-732



A-14-HD

### TWECOTONG ELECTRODE HOLDERS

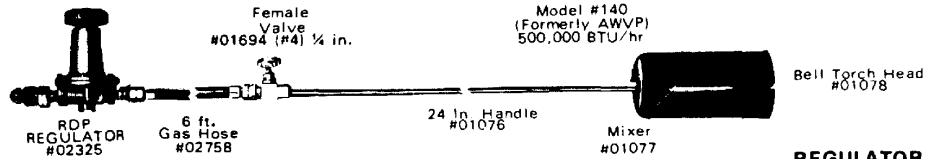
STOCK NUMBER	MODEL NUMBER	AMPERAGE CAPACITY	BODY ALLOY	ELECTRODE CAPACITY	CABLE CONN. CAPACITY	ENGLISH LENGTH	METRIC LENGTH
9110-1101	A-532	200	98% Copper	thru 5/32"	Ball-Point thru 2/0	8 1/2"	216 mm
9110-1102	A-316	250	98% Copper	thru 3/16"	Ball-Point thru 2/0	9 1/4"	235 mm
9110-1103	A-732	300	98% Copper	thru 7/32"	Ball-Point thru 2/0	10"	254 mm
9110-1107	AL-300	300	Forged Alum.	thru 1/4"	Ball-Point thru 2/0	10"	254 mm
9110-1104	A-14	350	98% Copper	thru 1/4"	Ball-Point thru 4/0	11"	279 mm
9110-1108	AL-400	400	Forged Alum.	thru 1/4"	Double Ball-Point thru 4/0	11 1/4"	286 mm
9110-1105	A-14-HD	400	98% Copper	thru 1/4"	Double Ball-Point thru 4/0	12"	305 mm
9110-1106	A-38-HD	500	98% Copper	thru 3/8"	Double Ball-Point thru 4/0	13 1/4"	336 mm

### "TWECO-TITE" HOLDER

STOCK NUMBER	MODEL NUMBER	DESCRIPTION	AMPERAGE CAPACITY	ELECTRODE CAPACITY	CABLE CONN. CAPACITY	ENGLISH LENGTH	METRIC LENGTH
9120-1000	4TT	TWECO-TITE Electrode Holder	400	1/16" thru 1/4"	thru 3/0	9"	229 mm

# AIRWALL (AW) TORCHES

500,000 BTU/hr at 60 PSIG LP-GAS  
 • "AIR CUSHIONING" GIVES LONGER TORCH LIFE  
 • LIGHTWEIGHT BUDGET TORCH

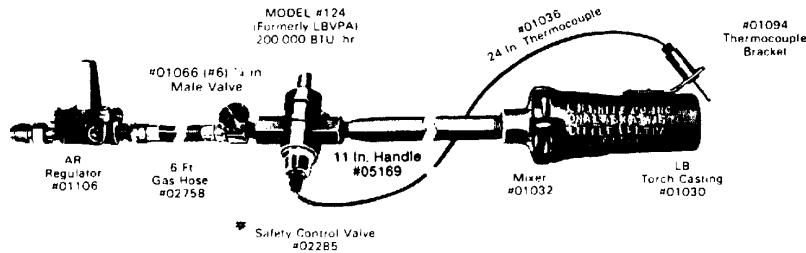


**REGULATOR**  
**RDP #02325 ADJUSTABLE**  
**AUTOMATIC REGULATOR (0 TO 60 PSIG)**

MODEL#	BTU/hr	DESCRIPTION
MODEL #136 AW	500,000	Bell torch head with mixer, handle, and #01134 CU 1/4 in. Coupling. Shipping weight 3 lbs.
MODEL #138 AWV	500,000	Bell torch head with mixer, handle and 1/4 in. Female valve. Shipping weight 3 lbs.
MODEL #140 AWVP (shown in picture above)	500,000	Bell torch head with mixer, handle, 1/4 in. Female valve, (6 ft.) Hose, RDP regulator. Shipping weight 6 lbs.

Samsel P/N WLD 420 Model 138 AWV

## TORCHES



(\*must be used with part #01106-AR regulator)

Samsel P/N WLD 421 124 LBVPA



**REGULATORS**  
 AR#01106 PRE-SET AUTOMATIC REGULATOR  
 WITH EXCESS FLOW VALVE  
 RDP #01102 ADJUSTABLE AUTOMATIC REGULATOR (0 TO 25 PSIG)

MODEL #	BTU/hr	DESCRIPTION
MODEL #120 LB	200,000	LITTLE BERTHA casting with mixer, torch handle, and #01098 CU 1/4 in. coupling. Shipping weight 5 lbs.
MODEL #122 LBV	200,000	LITTLE BERTHA casting with mixer, torch handle, and 1/4 in. Male Valve. Shipping weight 5 lbs.
MODEL #123 LBVP	200,000	LITTLE BERTHA casting with mixer, torch handle, 1/4 in. Male Valve, (6 ft.) hose, RDP (adjustable automatic regulator). Shipping weight 7 lbs.
MODEL #124 LBVPA (shown in picture above)	200,000	LITTLE BERTHA casting with mixer, torch handle, Safety Control Valve with thermocouple and mounting bracket 1/4 in. Male Valve, (6 ft.) hose and AR (pre-set automatic regulator with excess flow valve). Shipping weight 8 lbs.

**PORTABLE TYPES  
10B, 10BTH, 10BTL, 10BVT**

**STANDARD  
ELECTRODE HOLDER**

- 10B/120**  
@ 120 V AC/DC
- 10B/240**  
@ 240 V AC/DC
- 10BTH/120**  
@ 120 V AC only
- 10BTH/240**  
@ 240 V AC only
- 10BTL/120**  
@ 120 V AC only
- 10BTL/240**  
@ 240 V AC only
- 10BVT/120**  
@ 120 V AC only
- 10BVT/240**  
@ 240 V AC only

**ELECTRODE  
HOLDER/THERMOMETER**

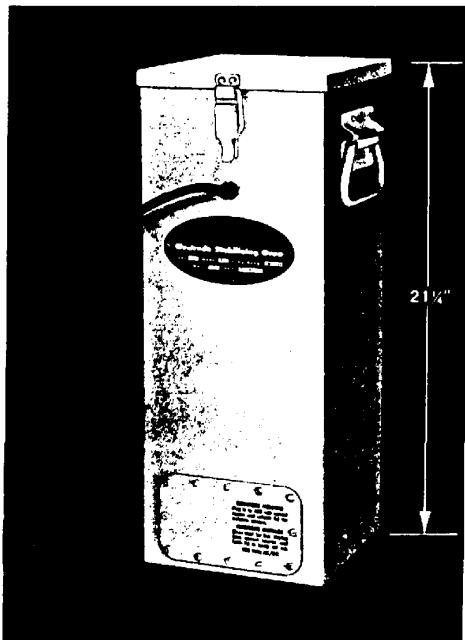
- 10B-E**  
@ 120 V AC/DC  
or @ 240 V AC/DC
- 10BTH-E**  
@ 120 V AC only  
or @ 240 V AC only
- 10BTL-E**  
@ 120 V AC only  
or @ 240 V AC only
- 10BVT-E**  
@ 120 V AC only  
or @ 240 V AC only

capacity — 13 lbs. (5.9 Kg) of 18" (45.7 cm) electrodes  
10 lbs. (4.5 Kg) of 14" (35.6 cm) electrodes  
carrying weight, loaded — 28 lbs. (12.7 Kg) max.

**ELECTRODE  
HOLDER/THERMOMETER  
(Accessory)**

**MODEL EHT**  
Catalog No. 12520

Replaces standard electrode holder on all Type 10B models — old or new. Long-stem dial thermometer indicates constant reading of internal oven temperature and electrodes (thermometer, instrument only, accurate  $\pm 10^\circ\text{F}$  ( $\pm 12^\circ\text{C}$ )).



**PORTABLE TYPE 50A**

- 50A/120** @ 120 V AC DC
- 50A/240** @ 240 V AC only

capacity — 50 lbs. (22.7 Kg) of 18" (45.7 cm) electrodes  
39 lbs. (17.7 Kg) of 14" (35.6 cm) electrodes  
carrying weight, loaded — 79 lbs. (35.8 Kg) max

**BENCH TYPE 300**

 Listed.

- 300/120** @ 120 Volt AC
  - 300/240/480** @ 240/480 Volt AC
- capacity — 350 lbs. (177 Kg) of 18" (45.7 cm) electrodes

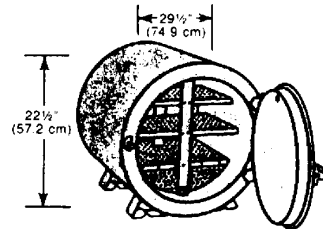
**STACKING  
PROVISION FOR  
TYPE 300 OVENS**


Model 300ST 120. (Same as 300 120, but equipped for stacking.)

Model 300ST 240 480. (Same as 300 240 480, but equipped for stacking.)

Stacking permits two Type 300 ovens to occupy the same floor space as one. Stacking lugs (factory installed only) on lower oven bolt to feet of any standard Type 300 oven — new or in the field.

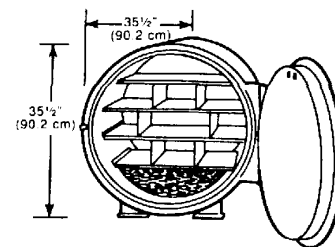
Straps are furnished to secure four or more ovens together (lower photo) if desired. Stacking height is restricted to two ovens high.



 This symbol on the product's nameplate means it is listed by UNDERWRITERS LABORATORIES, INC.

**BENCH-FLOOR TYPE 900**

- @ 240-480 Volt AC
- capacity — 1100 lbs. (500 Kg) of 18" (45.7 cm) electrodes

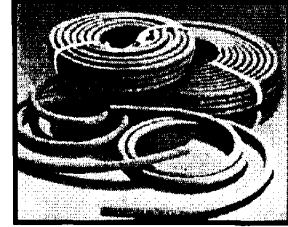


**THERMOMETER KIT  
FOR TYPE 300 and  
900 OVENS**

Catalog No. 12503

Thermometer kit mounts in door of oven. Includes inner and outer guard. Easily installed in the field. Factory installation available with original order. Temperature range 100° F (38° C) to 500° F (260° C). Certified accurate to  $\pm 10^\circ\text{F}$  ( $12^\circ\text{C}$ ) (thermometer only).

**L41 Welding Hose  
Single Line Corrugated Type S, Grade R**



**Tube:** EPDM  
**Reinforcement:** Textile  
**Cover:** EPDM, Red for Acetylene line or Green for Oxygen line  
**Recommended Fittings:** Brass Crimped Male x Female  
**Temperature Range:** -40° F to 180° F  
**Meets RMA/CGA Specifications**

<i>Specifications</i>				
I.D.	3/16"	1/4"	5/16"	3/8"
Approx. O.D.	7/16"	19/32"	21/32"	23/32"
Weight/Foot	.09 lbs.	.16 lbs.	.19 lbs.	.21 lbs.
Working Pressure (PSI)	200	200	200	200
Bend Radius	1-1/8"	1-1/2"	1-7/8"	2-1/4"

**L42 Tuline Welding Hose  
Type VD, Grade R**

**Tube:** EPDM  
**Reinforcement:** Textile  
**Cover:** Red/Green EPDM  
**Recommended Fittings:** Brass Crimped Male x Female  
**Temperature Range:** -40° F to 180° F  
**Meets RMA/CGA Specifications**

<i>Specifications</i>				
I.D.	3/16"	1/4"	5/16"	3/8"
Approx. O.D.	7/16"	17/32"	19/32"	21/32"
Weight/Foot	.15 lbs.	.21 lbs.	.25 lbs.	.27 lbs.
Working Pressure (PSI)	200	200	200	200
Bend Radius	1-1/8"	1-1/2"	1-7/8"	2-1/4"

**L43 Tuline Welding Hose  
Type VD, Grade RM**

**Tube:** SBR  
**Reinforcement:** Textile  
**Cover:** Red/Green Neoprene  
**Recommended Fittings:** Brass Crimped Male x Female  
**Temperature Range:** -40° F to 180° F  
**Meets RMA/CGA Specifications**

<i>Specifications</i>				
I.D.	3/16"	1/4"	5/16"	3/8"
Approx. O.D.	7/16"	17/32"	19/32"	21/32"
Weight/Foot	.17 lbs.	.22 lbs.	.27 lbs.	.30 lbs.
Working Pressure (PSI)	200	200	200	200
Bend Radius	1-1/8"	1-1/2"	1-7/8"	2-1/4"

**SERIES 1: USE WITH ALL STANDARD HAND AND MACHINE TORCHES. ATTACHMENTS**

SIZES	TYPE	PRE-HEAT	FUEL GAS	DESCRIPTION OR USE
0 1 2	1-100	4-Light	A	Clean Plate Cutting
000-8	1-101	6-Medium	A	General Purpose
8 9 10 12 14 16 18	1-104	Heavy	A	Heavy Cutting - Hand or Machine
0-4	1-108	6-Medium	A	Boiler Tube Removal
00-2	1-110	1-Light	A	Sheet Metal Work
00-4	1-111	2-Medium	A	Straight Line & Circle
00-4	1-112	2-Medium	A	Rivet Cutting
1-4	1-129	6-Heavy	A-H	Underwater Cutting
0 6	1-200	8-Medium	NG	General Purpose (1-Piece)
1 2 3	1-212	5-Medium	NG	Rivet Cutting
00 6	1-303M	8-Medium	M	General Purpose (1-Piece)
1 2 3	1-312M	5-Medium	M	Rivet Cutting
000-: 6-8	GPM	Medium Hvy	M	General Purpose (2-Piece)
00-5	MTHM	Medium	M	High Speed Mach Torch
1 8 10 12	HPM	Heavy	M	Mil. Foundry Scrap Cutting
000-5, 6-8	GPN	Medium Hvy	NG	General Purpose (2-Piece)
00-5	MTHN	Medium	NG	High Speed Mach Torch
1 8 10 12	HPN	Heavy	NG	Mil. Foundry Scrap Cutting
000 5 6 8	GPP	Medium Hvy	P	General Purpose
00-5	MTHP	Medium	P	High Speed Mach Cutting
1-8, 10, 12	HPP	Heavy	P	Mil. Foundry Scrap Cutting

**HEAVY CUTTING**

8 10 12 14 16 18	1-104	8-Heavy	A	Hand Machine Cutting
6 8 10 12 14	HDMP	Heavy	M P	Mil. Foundry Scrap Cutting
6 8 10 12 14	HDM	Heavy	NG	Mil. Foundry Scrap Cutting

**SCARFING, GOUGING, DESEAMING**

1-4	1-116	6-Medium	A	Straight
7 8 10 12	1-117	8-Medium	A	Straight
0 2 4 6 8 10 12	1-118	6 8-Medium	A	Bent 35°
2 4 6	1-207	8-Medium	NG	Straight
4 6 8 10 12	1-218	8 10 12 Heavy	NG	Bent 35°
2	1-234	Medium	NG	Scarfing, Gouging
2	1-244	Medium	NG	Scarfing, Gouging
4 6 8 10 12	1-318M	8 10 12 Heavy	M	Bent 35°

**HEATING**

6 8 10 12	MFTA	12 Heavy	A	Multi-Flame Heating
10 12	MFTN	12 Heavy	NG	Multi-Flame Heating
8	MFTA-3	8-Medium	A	Multi-Flame Heating
10	HTMP	Slotted	M P	Multi-Flame Heating
10	HTN	Slotted	NG	Multi-Flame Heating

**SERIES 3: USE WITH CA 1260, CA 1350, C 1450, CA 2060 ATTACHMENTS AND CST 800 C, C 1400 C HAND TORCHES**

0 1 2	3-100	4 Light	A	Clean Plate Cutting
000-6	3-101	6-Medium	A	General Purpose
1 2	3-108	6-Medium	A	Boiler Tube Removal
00 3	3-110	1 Light	A	Sheet Metal Work
1 2 3	3-112	2-Medium	A	Rivet Cutting
0-6	3 200	8-Medium	NG	General Purpose (1-Piece)
000-5	3-GPM	Medium	M	General Purpose (2-Piece)
000-5	3-GPN	Medium	NG	General Purpose (2-Piece)
000-5	3-GPP	Medium	P	General Purpose (2-Piece)
0-4	3 303M	8-Medium	M	General Purpose

**SCARFING, GOUGING, DESEAMING**

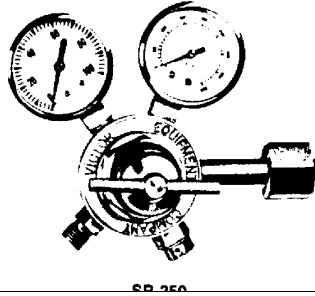
3	3-116	6-Medium	A	Straight
2	3-118	6-Medium	A	Bent 35°
2 4 6	3-318M	8 & 10 Heavy	M	Bent 35°

**SERIES 5: USE WITH CA 1260 ATTACHMENT**

00 2	5-101	6-Medium	A	General Purpose
0 1	5-110	1 Light	A	Sheet Metal Work
1 2	5-112	2-Medium	A	Rivet Cutting

Fuel gas key: A - Acetylene M - Mapp\* Liquid Air Fuel Gas NG - Propane Butane Natural Gas 12 PSIG & above LPNG - Low Pressure Natural Gas 12 PSIG & under P - Acetylene FG 2 - H.P.G. - 1-3" and all other non-based fuel gases.





Samsel P/N    WLD 251 00-1-101    WLD 261 1-1-101    WLD 276 4-1-101  
 WLD 306 1-GPM    WLD 316 2-GPM    WLD 326 3-GPM    WLD 336 4-GPM





250 SERIES/Designed for Light to Medium Duty Applications

GAS	SINGLE STAGE	TWO STAGE	DELIVERY RANGE	INLET CONN. (CGA)
Oxygen	SR250C	VTS250C	0-80 PSIG	540
	SR250B	VTS250B	0-40 PSIG	540
Acetylene	SR260A	VTS260A	0-15 PSIG	510
	SR260A	VTS260A	0-15 PSIG	300
Propane/Mapp*	SR261C	VTS261C	0-80 PSIG	510
	SR261B	VTS261B	0-40 PSIG	—


WLD 111 SR260 A-300  
 WLD 116 VGS 510-300  
 WLD 120 SR510 A-300  
 WLD 121 VGS 510-510

HOSE FITTINGS			
HOSE NUTS—"B" SIZE		HOSE NUTS—"A" SIZE	
	OXYGEN RIGHT HAND		ACETYLENE LEFT HAND
	OXYGEN RIGHT HAND		ACETYLENE LEFT HAND
ITEM NO.	STANDARD "B" 9/16"-18 UNF-2B THREAD	ITEM NO.	STANDARD AIRCRAFT "A" 3/8"-24 UNF-2B THREAD
7	Oxygen-Right Hand	9	Oxygen-Right Hand
7-ST	Stamped-"STD. OXY."	10	Acetylene-Left Hand
8	Acetylene-Left Hand		
8-ST	Stamped-"STD. ACET."		

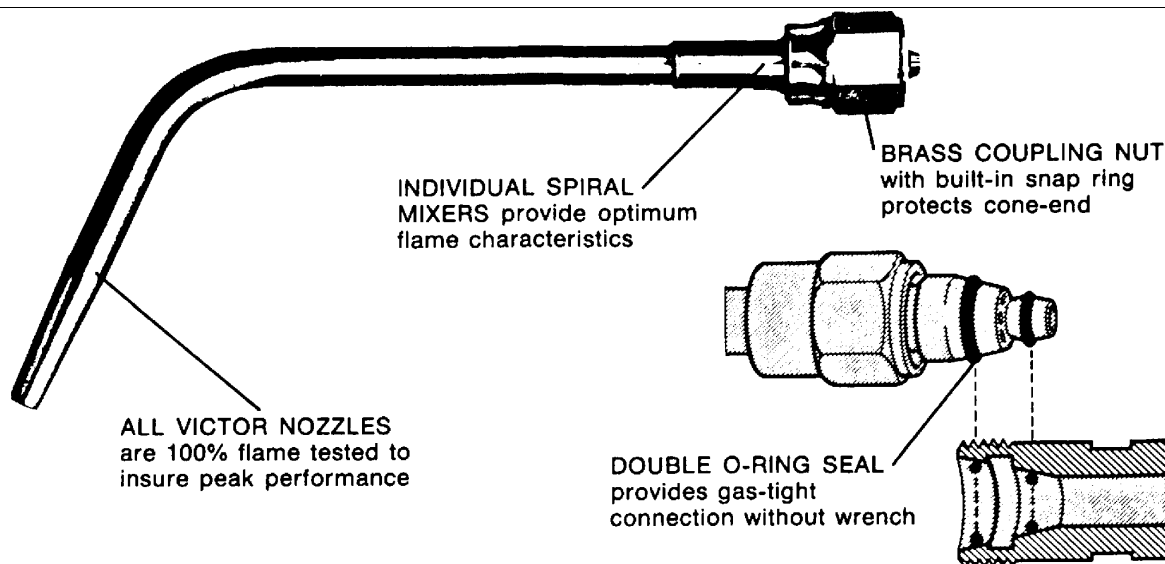
Samsel P/N MSC 1595 7 MSC 1596 8 MSC 1598 9 MSC 1600 10

HOSE COUPLERS			
"B" SIZE—USE NO. 7 OR 8 NUT		"A" SIZE—USE NO. 9 OR 10 NUT	
ITEM NO. 30		ITEM NO. 230	
5/16"-18 to 5/16"-18 R.H. "B" Size		3/8"-24 to 5/16"-18 R.H. "A" to "B" Size	
ITEM NO.	COUPLERS	ITEM NO.	COUPLERS
30	Oxygen-Right Hand—"B" to "B"	131	Acetylene-Left Hand—"A" to "A"
31	Acetylene-Left Hand—"B" to "B"	230	Oxygen-Right Hand—"A" to "B"
130	Oxygen-Right Hand—"A" to "A"	231	Acetylene-Left Hand—"A" to "B"

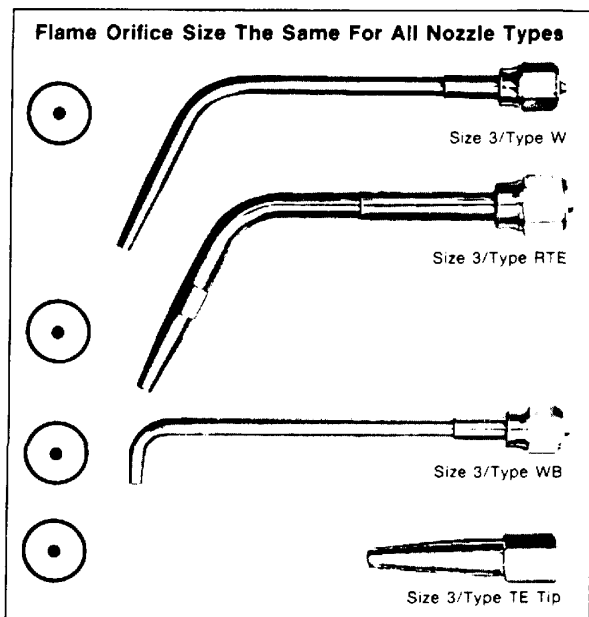
Samsel P/N MSC 1594 130 MSC 1602 131 MSC 715 31 MSC 716 30

BRASS HOSE FERRULES											
Ferrules listed below are in order of size. Starting with smallest size of .330" to largest .975" inside diameter.											
ITEM NO.	INSIDE DIAMETER	LENGTH	METAL THICKNESS	CONTRACTING—DIE		ITEM NO.	INSIDE DIAMETER	LENGTH	METAL THICKNESS	CONTRACTING—DIE	
				PLAIN	RIBBED					PLAIN	RIBBED
6231	.330"	1/2"	.016"	47	R46	7328	.656"	1"	.024"	35	R34
833	.358"	1/2"	.016"	46	R45	G-G	.675"	3/64"	.019"	34	R33
622	.380"	1/2"	.016"	45	R44	7329	.687"	1"	.024"	34	R33
620	.410"	1/2"	.016"	44	R43	F-F	.700"	3/64"	.019"	33	R32
769	.450"	9/16"	.016"	42	R41	7330B	.718"	1"	.024"	32	R31
4750	.478"	11/16"	.024"	42	R41	E-E	.725"	17/32"	.019"	32	R31
624	.500"	1/2"	.016"	41	R40	D-D	.750"	17/32"	.019"	31	R30
625	.525"	1/2"	.016"	40	R39	7331	.750"	1"	.024"	31	R30
9974	.527"	1"	.024"	39	R38	C-C	.775"	17/32"	.019"	30	R29
626	.548"	3/64"	.015"	39	R38	7332	.781"	1"	.024"	30	R29
7325	.562"	1"	.024"	38	R37	7333	.812"	1"	.024"	28	R27
3588	.564"	3/4"	.019"	38	R37	A-A	.825"	3/64"	.019"	28	R27
K-K	.575"	3/64"	.019"	38	R37	Z	.850"	9/16"	.019"	27	R26
7326	.593"	1"	.024"	37	R36	7244A	.875"	27/32"	.024"	26	R25
J-J	.600"	1/2"	.019"	37	R36	5029A	.900"	27/32"	.024"	25	R24
I-I	.625"	1/2"	.019"	36	R35	7242A	.937"	27/32"	.024"	23	R22
7327	.625"	1"	.024"	36	R35	5028A	.975"	27/32"	.024"	22	R21
H-H	.650"	1/2"	.019"	35	R34	NOTE: See Pg. 12 for ordering dies.					

Samsel P/N MSC 1603 769 MSC 1683 7325 MSC 1684 7326



**EXCLUSIVE "OPTIMIZED" NOZZLES IN WIDEST CHOICE OF TYPES & SIZES PLUS UNIFORMITY OF TIP ORIFICE & SIZE FOR ALL TYPES**



Victor offers over 60 different types of nozzles, tips and elbows with a complete range of sizes for every application including: Welding, brazing, heating, descaling, hard facing, flame priming, etc.

Nozzles designed for "optimum" performance — Each complete nozzle has its own built-in spiral mixer, individually designed for each tip size and flame characteristic. Each nozzle size has its own hand-made mandrel on which it is hand-swaged. In the swaging operation, nozzles are "hand fed" to insure proper alignment for uniform, free-flow contour.

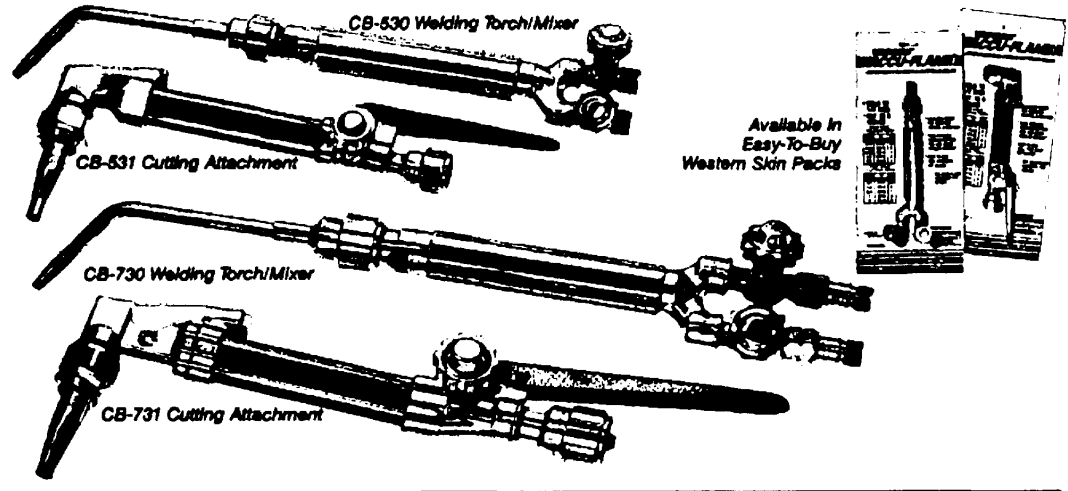
Samsel P/N  
 WLD 206 Weld Comp #1 1-W-1  
 WLD 211 Weld Comp #1 1-W  
 WLD 221 Weld Comp #5 5-W  
 Call for complete product catalog.





**HEATING TIPS  
 ACETYLENE**

APPLICATION/DESCRIPTION	AVAILABLE SIZES	TIP SERIES	TIP TYPE	PRE-HEAT	ILLUSTRATION
For preheating before welding, descaling, paint burning, etc. Requires maximum torch pressure for preheat. NOTE: Size 8 is maximum size for use with cutting attachments.	6, 8, 10", 12"	1	MFTA		
	8	3	3-MFTA		Heavy



Samsel P/N      WLD 351 #10      WLD 361 #6      WLD 363 #8

**WESTERN**™ Welding Torches & Cutting Attachments 

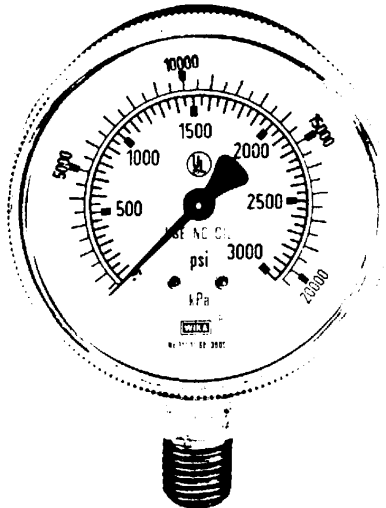


HOSE SPLICERS							
 SPIRAL		 BARB HEXAGON CENTER STOP		 BARB ROUND CENTER STOP		 BARB NO CENTER STOP	
ITEM NO.	I.D. HOSE	ITEM NO.	I.D. HOSE	ITEM NO.	I.D. HOSE	ITEM NO.	I.D. HOSE
34	1/4" to 1/4"	37	1/4" to 1/4"	44	1/4" to 1/4"	53	1/8" to 1/8"
35	3/16" to 3/16"	38	3/16" to 3/16"	45	3/16" to 3/16"	54	1/4" to 1/4"
36	3/16" to 1/4"	39	3/16" to 1/4"	46	5/16" to 5/16"	55	3/16" to 3/16"
238	3/8" to 3/8"	139	5/16" to 5/16"	47	3/8" to 3/8"	56	3/16" to 3/16"
239	1/2" to 1/2"	149	3/8" to 3/8"	48	1/2" to 1/2"	57	3/8" to 3/8"

Samsel P/N MSC 1604 45 MSC 1685 44

HOSE NIPPLES			
"B" SIZE—USE NO. 7 OR 8 NUT		"A" SIZE—USE NO. 9 OR 10 NUT	
 BARBED NIPPLE		 BARBED NIPPLE WITH "O" RING	
 SPIRAL NIPPLE		 NIPPLE WITH 1/4" NPT	
ITEM NO.	BARBED HOSE NIPPLES	ITEM NO.	SPIRAL HOSE NIPPLES
17	"B" Size Nipple For 1/4" I.D. Hose—1 1/32" Long	11	"B" Size Nipple For 1/4" I.D. Hose—1 1/32" Long
17-W	"B" Size Nipple For 1/4" I.D. Hose—With "O" Ring	12	"B" Size Nipple For 3/16" I.D. Hose—1 1/32" Long
18	"B" Size Nipple For 3/16" I.D. Hose—1 1/32" Long	13	"A" Size Nipple For 3/16" I.D. Hose—1 1/4" Long
18-W	"B" Size Nipple For 3/16" I.D. Hose—With "O" Ring	138	"B" Size Nipple For 3/8" I.D. Hose—1 5/8" Long
19	"A" Size Nipple For 3/16" I.D. Hose—1 1/4" Long	516	"B" Size Nipple For 3/16" I.D. Hose—1 1/32" Long
20	"B" Size Nipple For 3/8" I.D. Hose—1 1/32" Long	<b>HOSE NIPPLES WITH 1/4" NPT</b>	
20-A	"B" Size Nipple For 3/8" I.D. Hose—1 1/4" Long	22	"B" Size Nipple With 1/8" NPT—1" Long
216	"B" Size Nipple For 5/16" I.D. Hose—1 1/32" Long	23	"B" Size Nipple With 1/8" NPT—1 1/2" Long

Samsel P/N MSC 1681 18 MSC 1601 19 MSC 1682 17



Replacement Gage Covers  
2"-BG-176  
2 1/2"-BG-177

**Wika Gauges**

- Range from 15-6000 PSI
- Choice between Brass or Steel Case
- Twist-Lock Polycarbonate Lens
- Listed with Underwriters Laboratories

One Piece Threaded  
Polycarbonate Lens Covers  
Are U.L. Approved

MAXIMUM PRESSURE	PART NUMBERS BRASS CASE		PART NUMBERS STEEL CASE	
	2"	2 1/2"	2"	2 1/2"
15	2-15	2.5-15		
30	2x-30	2.5x-30		
30 (red line)	2-30	2.5-30	2-30-S	2.5-30-S
60	2-60	2.5-60		
100	2-100	2.5-100	2-100-S	2.5-100-S
200	2-200	2.5-200	2-200-S	2.5-200-S
400	2-400	2.5-400	2-400-S	2.5-400-S
500	2-500	2.5-500		
600	2-600	2.5-600		
1000	2-1000	2.5-1000		
1500	2-1500	2.5-1500		
2000	2-2000	2.5-2000		
3000	2-3000	2.5-3000		
4000	2-4000	2.5-4000	2-4000-S	2.5-4000-S
6000	N/A	2.5-6000		



- NATURAL SOAPSTONE**
- NS-16 Flat 1/2" x 3/16" x 5
  - NS-16A Round 1/4" x 5
  - NS-16B Square 1/4" x 1/4" x 5

- SYNTHETIC SOAPSTONE**
- WA-17 Flat 1/2" x 3/16" x 5
  - WA-17A Round 1/4" x 5"

Samsel P/N  
MSC 1365 SP 400 1  
MSC 664 400 1  
MSC 667 NS 16

**WRENCHES FOR TORCHES, REGULATORS & CYLINDERS**

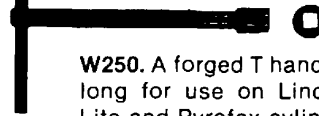


**W1013.** Combination Wrench 9" long has a total of 10 openings from 7/16" to 1 1/8" including a boxed opening for B and MC Acetylene valves and a socket for Commercial Acetylene cylinders.



**W10.** Tank Key 5" long for NCG, Burdette, Airco, Liquid Air and all Commercial cylinders with 3/8" Valve Stems. (390" actual opening) Black Oxide Finish.

**W20.** A forged T handle wrench 6" long for use on propane 3/8" valve stem.



**W250.** A forged T handle wrench 6" long for use on Linde, Presto-O-Lite and Pyrofax cylinders.



**W5.** A stamped boxed end wrench for valve on B and MC type acetylene tanks.

**ELECTRODE CARRIERS**

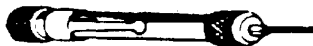


**WC-38.** Has double leather bottom. Carries 5 lbs. or more of electrodes.

**WC-40.** Constructed of oak-tanned sole leather with a hard wood bottom that is reinforced by a riveted leather cover to prevent break through. Carries 10 lbs. of electrodes plus a chipping hammer.

**WC-41.** Riveted soft leather construction with double thick leather bottom. Has a wide belt loop and quick release spring clip. 11 inches deep with a 5 lb. capacity.

**DRILL TYPE TIP CLEANER KIT**


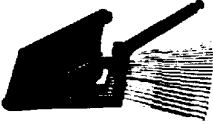







**WA-14.** Unit includes 12 drills (1 each of No. 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72 and 74) in an aluminum pocket size container. Drills are protected and always ready to use. Container has screw top, pocket clip and chuck for holding drill in use.

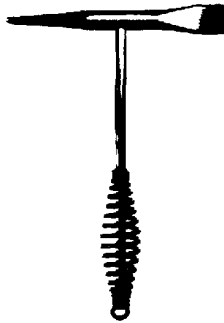
MADE IN THE **USA**

# WYPO

THE WORLD'S FINEST TIP CLEANERS  
AND SOAPSTONE HOLDERS

TIP CLEANERS	DESCRIPTION	PART #
	<b>STANDARD TIP CLEANER KIT</b> Set of 13 cleaners Sizes 6 thru 26+ file	1
	<b>SKIN PACKED*</b>	<b>SP-1</b>
	<b>MASTER TIP CLEANER KIT</b> Set of 22 cleaners Combines both standard & jumbo Sizes 6 thru 45+ file	2
	<b>SKIN PACKED*</b>	<b>SP-2</b>
	<b>JUMBO TIP CLEANER KIT</b> Set of 9 cleaners for larger ports Sizes 28 thru 45+ file	3
	<b>SKIN PACKED*</b>	<b>SP-3</b>
	<b>KING TIP CLEANER KIT</b> Set of 13 x-long cleaners Sizes 6 thru 26+ file	4
	<b>SKIN PACKED*</b>	<b>SP-4</b>
	<b>TRU-FLAME Tip Cleaners</b>  The superior alternative to low end tip cleaners Cleans all pre-heat sizes. Size no. 6 thru no. 26 + file	1100S
SOAPSTONE HOLDERS	DESCRIPTION	PART #
 <p>THE INDEXABLE</p>	<b>FLAT HOLDER 3/16" x 1/2" x 5"</b> Non corrosive channel Brass indexing trigger Includes a #1 select soapstone	400-1
	<b>SKIN PACKED*</b> complete with 5 flat soapstones	<b>SP400-1</b>
 <p>THE GRIPPER</p>	<b>ROUND HOLDER 1/4" x 5"</b> Brass case Cap-locking action Includes a #1 select soapstone	800-1
	<b>SKIN PACKED*</b> complete with 5 round soapstones	<b>SP800-1</b>

# ATLAS SAFETY TOMAHAWKS



## ATLAS SAFETY TOMAHAWKS

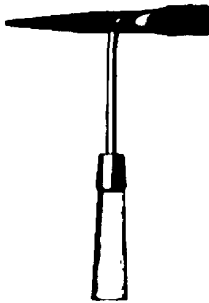
### COIL HANDLE MODELS

These popular models feature "Flex-O" steel coil hand grips welded to tough steel handle shafts. Heads are "pinned" for safety and reliability. Choose either standard or super duty.

Made  
Entirely  
In  
America!

MODEL	HEAD STYLE
G	Chisel & Cross Chisel
H	Cone & Chisel
HSS	Cone & Chisel (Stainless Steel)
HCP	Cone & Cross Chisel (Super Duty)
K	Chisel & Cross Chisel
L	Cone & Chisel
LCP	Cone & Cross Chisel (1 per box, 24 per case)

Samsel P/N  
HMR 001 H  
HMR 004 G

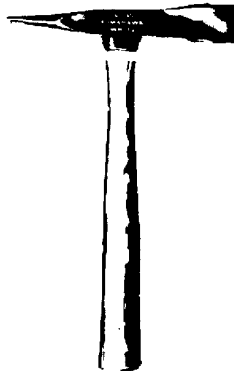


### WOOD HAND GRIP MODELS

Specially turned hickory hand grips of these models offer user comfort and directional feel.

MODEL	HEAD STYLE
T	Chisel & Cross Chisel
J	Cone & Chisel
JSS	Cone & Chisel (Stainless Steel)
JCP	Cone & Cross Chisel (Super Duty)
M	Chisel & Cross Chisel
N	Cone & Chisel
NCP	Cone & Cross Chisel
Q (T.B.O.)	Cone & Cone (1 per box, 24 per case)

T.B.O. = TO BE OBSOLETED



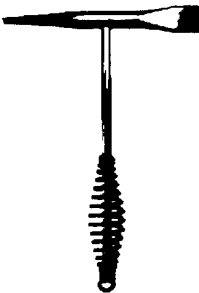
## LONG NEK TOMAHAWKS

The Atlas "Long Nek" head design offers 50% greater handle support and protection from handle splinter caused by working over an edge. Select Hickory handles are hand fitted and secured in the head by our unique process which virtually eliminates handle loosening.

MODEL	HEAD STYLE
WH-10	Chisel & Cross Chisel
WH-20	Cone & Chisel
WH-30	Cone & Cross Chisel
WH-40	Curved Cone & Cross Chisel (6 per box, 36 per case)

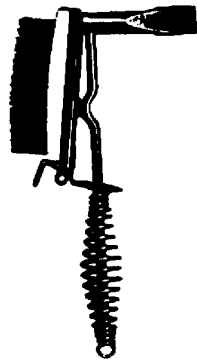
## SUPERIOR SAFETY TOMAHAWKS

Superior - our low cost Tomahawk manufactured under the same rigid standards as all Atlas Hammers.



MODEL	HEAD STYLE
S-10	Chisel & Cross Chisel
S-20	Cone & Chisel
S-30	Cone & Cross Chisel (12 per box, 72 per case)
T-10	Chisel & Cross Chisel
T-20	Cone & Chisel
T-30	Cone & Cross Chisel (1 per box, 24 per case)

**THE COMPLETE LINE OF WELD CLEANING TOOLS  
FOR FAST, CLEAN, EASY SLAG REMOVAL.  
FOR MORE INFORMATION CALL.**



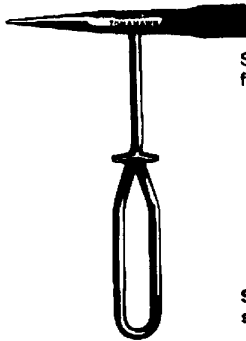
**Made Entirely In America!**

**ATLAS DUAL TOOLS**

All four models feature triple welded brush boxes and top quality replaceable wire brushes. The two "Re-Bit" models have low cost replaceable bits.

MODEL	HEAD STYLE
A	Chisel
AW*	Chisel
B-1	"Re-Bit" Cone or Chisel
B-1-W*	"Re-Bit" Cone or Chisel * Wood Hand Grip
(A & AW: 1 per box, 24 per case) (B-1 & B-1-W: 1 per box, 18 per case)	

Samsel P/N  
HMR 003 A



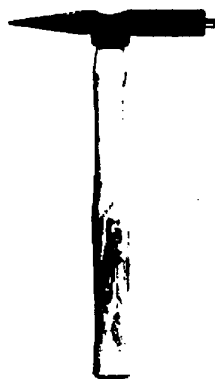
**ATLAS SCALEMASTER TOMAHAWKS**

Scalemaster "Easy-Grip" handles allow fast pick up even while wearing heavy welders gloves. Their flat handle design makes Scalemaster our most rugged model.

MODEL	HEAD STYLE
O-20	Cone & Chisel
O-30	Chisel & Cross Chisel
O-40	Cone & Cross Chisel (1 per box, 24 per case)

**SUPER MARKERS**

SUPER MARKERS have a socket machined into their flat face to accept 3/8" metal marking insert stamps. Used by weldors and inspectors for identifying welds on critical work such as nuclear piping.



MODEL	HEAD STYLE
WH-6	3/8" Socket & Cross Chisel
WH-7	3/8" Socket & Chisel (6 per box, 36 per case)

**REPLACEMENT PARTS**

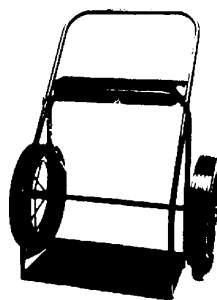
PART NO.	DESCRIPTION
11	Wire Brush for all model Dual Tools
11-SS	Stainless Steel Wire Brush for all Model Dual Tools
14	Cone Bit, 3" long for "Re-Bit" Dual Tools
14-4	Cone Bit, 4" long for "Re-Bit" Dual Tools
14-C	Curved Cone Bit for "Re-Bit" Dual Tools
15	Chisel Bit for "Re-Bit" Dual Tools
15-C	Curved Chisel Bit for "Re-Bit" Dual Tools
19	Wood Hand Grip & Ferrule
26	13" Wood Handle & Wedge for all Long Nek models
27	Pressure Spring for all model Dual Tools
29	Steel Coil Handle

**NOTE:** The hammers described in this brochure are designed and manufactured for cleaning arc welding slag only, unless otherwise indicated in the individual model descriptions. They are neither designed for nor should they be used for any other purpose. Approved eye protection (preferably goggles or face shields) should be worn.

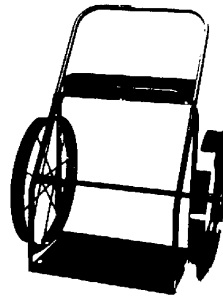
**HEAVY DUTY CONSTRUCTION TRUCKS:**

- ◆ Designed for commercial, heavy duty applications.
- ◆ Adaptable for most working situations.
- ◆ Certified by an independent testing lab to be safely lifted and moved by the Lifting Eye.

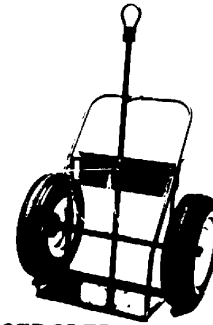
Samsel P/N  
WLD 475 CTS-24



CTR-520-1T



CTS-24



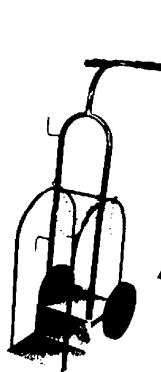
CTR-25-TB

MODEL	CYLINDER ACET OXY	WHEELS NO. & TYPE	BASE DIMENSION	H	W	WT
CTR-520-1T	300 244/300	20-1: 20 x 3.25 SPNB	13 x 24	44	34	66
CTS-24	300 244/300	32: 24 x 2.50 SRNB	13 x 24	44	34	58
CTR-25-TB	300 244/300	21.6 x 4.00 PTB	13 x 24	62	40	110

**FOR SMALL OR MEDIUM CYLINDERS:**



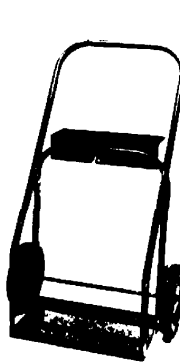
KANG 10-20



CTR-TANDEM-10



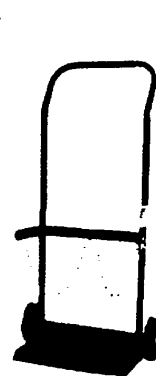
CTR-6



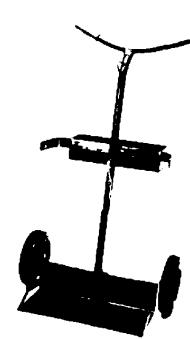
CTR-10



CTR-8



CLR-6-1



CTRB-10-2T

- ◆ Compact, rugged construction, strong, durable, and rolls easily.

- ◆ Recommended for hobbyists, plumbers, repairman, maintenance departments, small shops, farm shops, and garages with hard surface floors.

Samsel P/N  
WLD 476 CTR-10

MODEL	CYLINDER ACET OXY	WHEELS NO. & TYPE	BASE DIMENSION	H	W	WT
KANG 10-20	10 20	Polypropylene Mtl.		24½	12¼	4
CTR-6	40/60 60/90	22: 06 x 1.50 SPBB	8 x 15½	40	20	15
CTR-8	40/120 122/160	23: 08 x 1.75 SPBB	8 x 19	42	23½	20
CTRB-10-2T	40/120 122/244	60: 10 x 2.75 SPBB	8½ x 19½	46	26½	31
CTR-TANDEM-10	40/120 60/122	15: 10 x 1.75 SPBB	10½ x 17½	50	18	25
CTR-10	40/120 122/160	15: 10 x 1.75 SPBB	9 x 18	39	24	26
CLR-6-1	60/80 60/90	22: 06 x 1.50 SPBB	8½ x 16	42½	19¾	16