

**Industrial   Safety   Welding   Oilfield   Construction**

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# JACKSON\*

**SAFETY Brand**





## Arc Gouging Torches



### Features:

- Insulators, lever and handle are made of high impact, heat resistant material
- Railroads, steel mills, paper mills and other heavy industrial plants use materials for rugged service and low maintenance
- Torch head rotates for instant positioning of the electrode to any desired angle
- Will groove, bevel, cut, gouge, pierce or flush away any kind of metal
- Insulators lever and handle are made of high impact heat resistant material

**Accepts Pointed Carbons:** 5/32 in: 1/2 in

**Accepts Flat Carbons:** 3/8 in: 5/8 in

**Includes:** Cable Assembly; Torch

SKU	Amps	Cable Length
100-AB-4000-7	1,000 A	7 ft



## Angle-Arc® K3000 Gouging Torches



### Features:

- Positive grip handle
- 360° swivel cable assembly
- Medium duty, for repair and maintenance jobs in areas such as mining, construction, and all types of metal fabrication.

**Accepts Flat Carbons:** 3/8 in: 5/8 in

**Accepts Pointed Carbons:** 1/8 in - 3/8 in

**Amps:** 600 A

**Angle:** 15 °

**Includes:** Cable Assembly; Torch

SKU	Pressure	Flow	Cable Length
358-61065006	80 psi	21 CFM	7 ft

## Angle-Arc® K4000 Gouging Torches



### Features:

- Natural 15 degree torch angle for greater operator comfort
- Positive grip handle for greater operator feel and ease in positioning torch
- Swivel cable for less cable twist and less strain on the operator

**Includes:** Cable Assembly; Torch

**Accepts Flat Carbons:** 3/8 in: 5/8 in

**Amps:** 1,000 A

**Angle:** 15 °

**Pressure:** 80 psi

SKU	Accepts Pointed Carbons	Cable Length
358-61082006*	5/32 in - 1/2 in	7 ft
358-61082008	5/32 in - 1/2 in	7 ft
358-61082007*	5/32 in - 1/2 in	10 ft

\* Includes: Insulated Hook-Up Kit

## Straight Handle Manual Gouging Torches



### Features:

- Speed up weld removal, backgouging, edge preparation, defect repair and many other metal removal jobs
- Ideal for almost all metals – with little or no deformation – because the heat input is so low

**Accepts Flat Carbons:** 3/8 in: 5/8 in

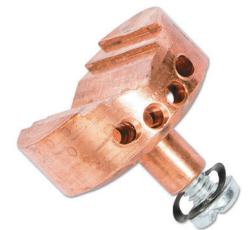
**Amps:** 600 A

**Pressure:** 80 psi

SKU	Accepts Pointed Carbons	Flow	Cable Length
358-61064016	1/8 in: 3/8 in	21 CFM	7 ft



## Angle-Arc® Gouging Torch Parts



### Features:

- Replacement part for Angle-Arc® manual gouging torches
- OEM quality

SKU	For Model
358-9410-4016	K2000
358-9437-8368	K4000



## Anchor Brand DC Copperclad Gouging Electrodes



### Features:

- DC Copperclad Electrodes are highly resistant to breakage
- Heat and oxidation

**Material:** Carbon

SKU	Features	Dia.	Length
100-3/16X12	• Pointed	3/16 in	12 in
100-1/4x12	• Pointed	1/4 in	12 in
100-5/16X12	• Pointed	5/16 in	12 in
100-3/8X12	• Pointed	3/8 in	12 in
100-1/2x17	• Jointed	1/2 in	17 in



## Arcair® DC Copperclad Gouging Electrodes

**Features:**

- A high grade, all purpose copperclad pointed gouging electrode
- Its controlled copper coating improves electrical conductivity (for more efficient, cooler operation) and helps maintain electrode diameter at the point of the arc

**Coating:** Copper



SKU	Dia.	Length
358-2203-3003	3/16 in	12 in
358-2204-3003	1/4 in	12 in
358-2205-3003	5/16 in	12 in
358-2206-3003	3/8 in	12 in
358-2208-2003	1/2 in	14 in

## DC Copperclad Flat Electrodes



**Features:**

- Specially designed for close tolerance metal removal and scarfing applications
- Excellent for general gouging applications, removing weld crowns, repairing or making dies, removing temporary welded dogs, and scarfing billets

**Material:** Carbon

**Coating:** Copper

SKU	Length	Thickness
358-3503-3003	12 in	3/16 in
358-3509-9003	12 in	5/32 in

## DC Jetrod® Copperclad Jointed Electrodes

**Features:**

- Provides continuous electrode feed and increased savings, especially in production operations
- Suited for both handheld and automated gouging systems

**Coating:** Copper



SKU	Dia.	Length
358-2406-4003	3/8 in	17 in
358-2408-2003	1/2 in	14 in
358-2408-4003	1/2 in	17 in



## Stoody Solid Core Electrode

**Features:**

- Primary applications involve severe abrasion with moderate to heavy impact
- Deposits are uniform with excellent bead appearance and slag removal
- Bonds readily to carbon, low alloy, and manganese steel
- Develops surface checks and is not machinable or forgeable
- High compressive strength

**Applications:** Augers and Screws; Bucket Teeth; Crushing Equipment; Mill Hammers; Tile Mixer Paddles



SKU	Dia.
341-10206400	1/8 in
341-11322900	5/32 in

## Stoody Tubular Electrode

**Features:**

- Offers an excellent balance of abrasion resistance and impact strength making it very versatile
- Deposits have a low coefficient of friction and provide good resistance to corrosion and heat
- Deposits are not machinable or forgeable
- Weldability is excellent, with slag coverage that is virtually self removing
- Can be applied to carbon, low alloy, and manganese steel

**Applications:** Bucket; Bucket Arms; Chain Links; Rolling Mill Guides; Scrapers



SKU	Dia.
341-10206300	1/8 in
341-11318200	5/32 in



## Slice Torches

**Features:**

- Feeds oxygen and electrical power to a specially designed Slice Exothermic Cutting Rod
- Built in protective hand guard and spark arrestor

**Includes:** #1 Power Cable & Hose



SKU	Cable Length	Wt.
358-0300-3000	10 ft	9.09 lb



## Slice® Exothermic Cutting System Slice® Utility Packs



**Features:**

- Steel tool box packed with the basic items needed to do a cutting job
- Power connections long style -connects easily to both the torch and striker
- Color coded connectors

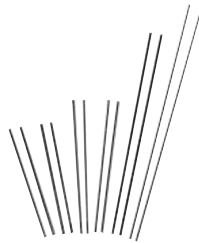
**Process:** Air-Carbon Arc-Cutting - CAC-A

SKU	Wt.
358-6399-1026	13.74 lb

## Slice® Exothermic Cutting Rods-Flux Coated

**Features:**

- Specially designed flux coated cutting rod, patented single piece construction maintains the balance necessary to sustain the exothermic reaction
- Cutting rods can sustain the burn with and without constant electrical power once ignited

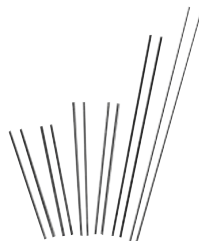


SKU	Dia.	Quantity
358-4204-9002	1/4 in	25 per pack

## Slice® Exothermic Cutting Rods-Uncoated

**Features:**

- Cutting rods can sustain the burn with and without constant electrical power once ignited
- Specially designed uncoated cutting rod, patented single piece construction maintains the balance necessary to sustain the exothermic reaction



SKU	Dia.	Quantity
358-4304-9002	1/4 in	25 per pack
358-4304-9005	1/4 in	25 per pack
358-4304-9003	1/4 in	100 per pack
358-4304-9003	1/4 in	100 per pack
358-4304-9009	3/8 in	25 per pack



## Flux Core Welding Wires



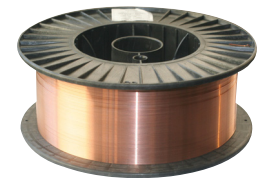
**Features:**

- E71T-GS is an all-position, single-pass, flux cored welding wire designed to weld carbon steel
- E71T-GS produces smooth arc action, low spatter, full slag coverage, and easy slag removal
- Bead appearance is not equal to a gas-shielded product, but the benefits of not having to use gas makes this product extremely popular
- Do not have to use a shielding gas
- E71T-GS operates on DC straight polarity (DCEN)

SKU	Dia.	Tensile Strength
100-E71T-GS-030X10	0.03 in	86,400 psi
100-E71T-GS-030X2	0.03 in	86,400 psi
100-E71T-GS-035X10	0.035 in	86,400 psi
100-E71T-GS-035X2	0.035 in	86,400 psi



## Welding Wires



**Features:**

- ER70S6 is a mild steel welding wire that contains high levels of manganese and silicon which produces high quality welds when used on dirty, oily, or rusty steel
- The high silicon content increases the fluidity of the weld pool, creating a smoother bead appearance resulting in minimal post-weld grinding
- S-6 wire is engineered to provide porosity-free, x-ray quality welds at the highest tensile strength of all the plain carbon steel wires
- This product requires a shielding gas of CO2 and/or CO2 mix
- Conforms to AWS 5.18 and CSA 48.4

**Tensile Strength:** 85,000 psi

SKU	Dia.	Wt.
100-ER70S-6-023X12	0.023 in	12 lb
100-ER70S-6-045X33	0.045 in	33 lb
100-ER70S-6-045X616	0.045 in	616 lb
100-ER70S-6-045X44-P	0.045 in	44 lb
100-ER70S-6-035X33	0.035 in	33 lb
100-ER70S-6-035X33-P	0.035 in	33 lb
100-ER70S-6-045X33-P	0.045 in	33 lb
100-ER70S-6-035X44	0.035 in	44 lb
100-ER70S-6-030X12	0.03 in	12 lb
100-ER70S-6-030X33	0.03 in	33 lb
100-ER70S-6-030X44	0.03 in	44 lb
100-ER70S-6-045X44	0.045 in	44 lb
100-ER70S-6-035x12	0.35 in	12 lb
100-ER70S-6-035X616	0.35 in	616 lb



## 308L Stainless Steel TIG Welding Rod

**Features:**

- Designed for welding austenitic stainless steel type 19 Cr 10 Ni or similar
- Also suitable for welding titanium and niobium stabilized steels

**Material:** Stainless Steel

SKU	Dia.	Length	Wt.
701-59405	1/16 in	36 in	10 lb





### 308LSi Stainless Steel MIG Welding Wire

**Features:**  
 • Enhanced silicon content improves the fluidity of the melt pool with a minimum of spatter and porosity  
**Material:** Stainless Steel

**Features:**  
 • Designed for welding austenitic stainless steel type 19 Cr 10 Ni or similar  
 • Also suitable for welding titanium and niobium stabilized steels

SKU	Dia.
701-59240	0.035 in; 0.35 in

**Features:**  
 • Primarily used when surfacing unalloyed or low alloy steels and when joining non molybdenum alloyed stainless and carbon steels  
 • Composition ensures a crack-resistant weld metal under normal welding conditions

SKU	Dia.
701-59297	0.45 in

### 309L Stainless Steel TIG Welding Rod

**Features:**  
 • Primarily intended for surfacing of low alloyed steels and dissimilar welding between mild and stainless steels  
**Material:** Stainless Steel

SKU	Dia.	Length	Wt.
701-59406	1/16 in	36 in	10 lb

### 309LSi Stainless Steel MIG Welding Wire

**Features:**  
 • Primarily used when surfacing unalloyed or low alloy steels and when joining non molybdenum alloyed stainless and carbon steels  
 • Composition ensures a crack-resistant weld metal under normal welding conditions  
 • Enhanced silicon content improves the fluidity of the melt pool with a minimum of spatter and porosity  
**Material:** Stainless Steel

SKU	Dia.	Wt.
701-59298	0.45 in	33 lb

### 310 Stainless Steel MIG Welding Wire

**Features:**  
 • Designed for welding high temperature steels such as ASTM 310S and similar  
 • Can also be used for welding certain ferritic chromium steels  
 • Produces a fully austenitic 26 Cr and 21 Ni type weld metal  
**Material:** Stainless Steel

SKU	Dia.	Wt.
701-59304	0.045 in; 0.45 in	33 lb

### 316Si Stainless Steel MIG Welding Wire

**Features:**  
 • Designed for welding where high resistance to general and inter crystalline corrosion is required  
 • Suitable for welding titanium and niobium stabilized steels  
 • Enhanced silicon content improves the fluidity of the melt pool with a minimum of spatter and porosity  
**Material:** Stainless Steel

SKU	Dia.	Wt.
701-59206	0.03 in	33 lb

### E309L-17 Stainless Steel Electrodes for Shielded Metal Arc Welding

**Features:**  
 • Designed for welding dissimilar joints between stainless and mild or low-alloy steels  
 • Well suited as a buffer layer when overlay welding on mild steels  
 • Can be used for welding some high temperature steels  
**Material:** Stainless Steel

SKU	Dia.	Length	Wt.
701-59626	1/8 in	14 in	9 lb



### Bridgit® Lead-Free Solder

**Features:**  
 • Nickel-bearing Bridgit® is the strongest lead-free solder developed for use on potable water systems  
 • Bridgit caps like no other lead-free solder and allows its operator to fill both tight and loose, nonconcentric connections with ease  
 • The strength of a Bridgit joint far exceeds the burst pressure of copper tubing  
 • Acceptance by the National Sanitation Foundation



SKU	Dia.	Wt.
348-BRGT61	1/8 in	1 lb

### J.W. Harris Fluxes

**Features:**  
 • Complex chemical compound in the form of a very fine powder  
 • Designed to be mixed with alcohol and brushed onto the weld joint  
 • Formulated to shield the back of the weld joint from oxygen, dissipate heat and unwanted oxides  
 • Aids in the flow of filler metal over base metal  
 • Forms a protective barrier to prevent re-oxidation and heat scale  
**Color:** Dark Gray



SKU	Capacity Wt.	Physical Form
348-S0FB01	1 lb	Powder



## Wire Solders

### Features:

- Tin/lead solders are excellent where pre-placement of solder is required for furnace and/or automatic soldering applications
- Caution: Lead-bearing solders are not to be used in potable water systems



SKU	#	Composition	Solidus	Liquidus
348-505061	1*	50% Tin/50% Lead	360 °F	420 °F
348-95561	2†	95% Tin/5% Antimony	452 °F	464 °F

\* Test & Approvals: Specification: ASTM B32, Sn50

† Test & Approvals: Specification: ASTM B32, Sb5

## UniFil Electrodes

### Features:

- For AC welders
- Deep penetration makes this acceptable for dirty, painted, greasy, or galvanized metal
- Best choice for sheet metal edge
- X-Ray quality welds



SKU	Dia.	Tensile Strength	Material
100-6013-1/8X5	1/8 in	72,600 psi	6013 Alloy
100-6010-1/8X5	1/8 in	76,000 psi	6010 Alloy
100-6011-1/8X5	1/8 in	77,700 psi	6011 Alloy
100-7018-1/8X5	1/8 in	81,000 psi	7018 Alloy
100-7018-3/32X5	3/32 in	81,000 psi	7018 Alloy



## Aluminum Cut Lengths and Spooled Wires

### Features:

- 36" lengths of this material are marked on both ends for easy identification

**Material:** 4043 Alloy

### Features:

- General-purpose type aluminum welding wire that contains silicon additives, which result in improved fluidity (wetting action) of the weld pool
- Produces a weld that minimizes cracking
- The bright weld finish makes ER4043 a popular choice of welders
- Can be used to weld various grades of aluminum

SKU	Dia.	Wt.
100-4043-035X1	0.035 in	1 lb

### Features:

- General-purpose type aluminum alloy
- Typically chosen for its relatively high shear strength
- Offers excellent corrosion resistance when exposed to salt water
- Should be used for welding 5000 series aluminum base metals

**Material:** 5356 Alloy

SKU	Dia.	Wt.
100-5356-035X1	0.035 in	1 lb



## Brazing Fluxes

**Test & Approvals:** Meets AWS A5.31, Class FB3A; AMS 3410; Fed. Spec. O-F-499, Type B

### Features:

- An all-purpose, low temperature flux for use in silver brazing
- most ferrous and nonferrous metals except aluminum, magnesium and titanium
- Stay-Silv® Brazing Flux is an organic fluoride type flux

SKU	Temp. Range	Color
348-SSWF1	1,100 °F - 1,600 °F	White



**Test & Approvals:** Meets AWS A5.31, Class FB3C; AMS 3411; Fed. Spec. O-F499D, Type B

### Features:

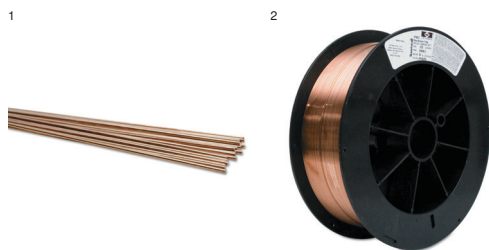
- Formulated for brazing applications where longer brazing times are encountered
- Particularly useful in applications where large amounts of refractory oxides may form, such as with stainless steel alloys
- Flux residue may be removed with a hot water rinse

SKU	Temp. Range	Color
348-SSBF1	1,100 °F - 1,800 °F	Black





## Copper-Silicon Alloys



### Features:

- Used to weld similar composition base metals, brass, and to weld these copper alloys to steel
- Silicon bronze is also frequently used in GTAW

SKU	#	Dia.	Wt.
348-03SIB30	1	1/16 in	1.02 lb
348-03SIB50	1	3/32 in	1.02 lb
348-00SIBF8	2	0.035 in	1.09 lb

## Gal Viz Self-Fluxing Solder Alloys

### Features:

- For repairing damaged galvanized coatings
- Provides excellent corrosion resistance
- Working temperature of about 600° F



SKU	Dia.	Wt.
348-GLVIZ90	1/4 in	1.09 lb

## General Purpose Brazing Alloys

### Features:

- General purpose
- Good ductility and capillary flow

**Solidus:** 1,225 °F

**Liquidus:** 1,370 °F

**Color:** Light Yellow; Silver

**Fluidity Rating:** 6.5



SKU	Dia.
348-45150H	1/32 in

## J.W. Harris Brazing Alloys - Phos/Copper

### Features:

- Primarily used to join copper to copper, copper to brass, and brass to brass
  - Serve as “self-fluxing” agents in joining copper to copper
  - Not recommended for brazing steel or nickel alloys
- Thickness:** 0.05 in

Dynaflow®

### Features:

- Medium range alloy that is suitable where close fit-up cannot necessarily be maintained

**Length:** 20 in

**Solidus:** 1,190 °F

**Liquidus:** 1,465 °F



SKU	Width	Composition	Fluidity Rating
348-D620F1	1/8 in	6% Silver/6.10% Phos	3

Stay-Silv® 5

**Length:** 20 in

**Solidus:** 1,190 °F

**Liquidus:** 1,500 °F



SKU	Width	Composition	Fluidity Rating
348-5620F1*	1/8 in	5% Silver/6% Phos	5

Harris 15

### Features:

- This 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 nor movement

**Length:** 20 in

**Solidus:** 1,310 °F

**Liquidus:** 1,475 °F



SKU	Width	Composition	Fluidity Rating
348-15620F1	1/8 in	0% Silver/7.10% Phos	5

## J.W. Harris Brazing Alloys - Silver

**Solidus:** 1,250 °F

**Liquidus:** 1,370 °F

**Fluidity Rating:** 6.5

### Features:

- Melting range useful for wide clearances
- Good ductility and capillary flow
- Color is silver to light yellow



SKU	Dia.	Wt.
348-4531	1/16 in	1 oz
348-4535	1/16 in	5 oz



## J.W. HARRIS Stainless Steel MIG Welding Alloys

### Features:

- Similar usage as 308L
- The 0.65-1.00% silicon content improves wash and wetting behavior in the gas shielded welding processes

SKU	Dia.	Wt.
348-308LSF8	0.035 in	1.06 lb
348-308LSH8	0.045 in	1.06 lb
348-308LSE5	0.03 in	1.1 lb
348-308LSF5	0.035 in	1.1 lb



## Stainless Steel TIG Welding Alloys

### Features:

- Similar usage as 308
- The 0.03% maximum carbon content increases resistance to intergranular corrosion

SKU	Dia.	Wt.
348-308LT30	1/16 in	1.02 lb
348-308LT50	3/32 in	1.02 lb
348-308LTH0	0.045 in	1.02 lb



## PETERSON FLUXES Fluxes

### Features:

- For brazing steel, malleable and cast iron, welding brass, bronze and copper
- Cleans fast and bonds extra strong to dirty, rusty, burnt casting

SKU	Capacity Wt.
345-1	1 lb



## THERMAL DYNAMICS

## Thermal Arc® Plasma Electrodes

### Features:

- Helps improve cutting performance
- OEM consumable

Used With: PCH/M 62/102

SKU
365-9-8407



## Plasma Electrodes

### Features:

- For use with manual air plasma cutting torches
- OEM consumable

SKU	For Unit	Amps
365-8-6578	PCH-6B	
365-9-8402	PCH-102; PCH-62	80 A



## 101HC-G Gas Shielded Welding Wire

### Features:

- A high chromium-carbon, iron-based alloy tubular wire recommended for metal to earth applications subject to severe abrasion
- It develops a tight crosschecking pattern and is frequently used in crushing and construction applications
- It can be applied to carbon, low alloy or manganese steels.

Used With: Bucket sides and tips; Crushing and grinding equipment; Ripper shanks and teeth; Shovel bucket tooth adapters; Tillage tools, augers and auger flights

SKU	Dia.
341-11436300	1.2 mm



## 985-G Gas Metal Arc Welding Wire

### Features:

- General purpose hardfacing alloy
- Offers a good balance of impact and abrasion resistance
- Can be used in both metal-to-earth applications
- Deposits are martensitic and forgeable but not readily machinable
- Can be applied to carbon, low alloy, and manganese steels

Used With: Drag Line Bucket Lips; Dredge Parts; Extruder Screws; Muller Tires; Tamper Feet

SKU	Dia.
341-11423100	1.2 mm



## BHA-2 Adjustable Head Attachments

### Features:

- Adds flexibility to machine cutting torches by allowing bevel cuts without changing the position of the torch
- Setting angle: between 0° to 90° at either side of vertical

Used With: Series 1 Cutting Tips

SKU
341-0383-0012





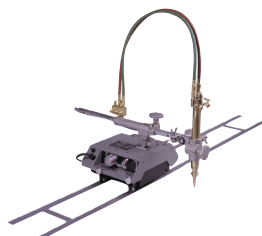


## VCM Cutting Machine Tracks

### Features:

- Large thumb screws for hand tight adjustments
- Dual drive controls & direct speed readout
- Counter-balanced design allows torch racking distance up to 18" from the machine
- Speed constant over wide range of temperatures

SKU	Length	Wt.
341-0212-0005	6 ft	18 lb



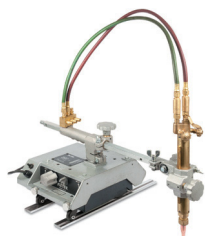
## VCM Portable Cutting Machines

### Features:

- Large thumb screws for hand tight adjustments
- Cone disc drive

**Includes:** 3 Hose manifold block; 32 Pitch pinion torch holder; Cutting Machine

SKU	Wt.
341-0200-0222	47 lb



**Includes:** Fittings; Hoses; MT 210A Torch & Torch Rack

### Features:

- Dual drive controls & direct speed readout
- Counter-balanced design allows torch racking distance up to 18" from the machine
- Speed constant over wide range of temperatures

**Cutting Cap.:** Circle Diameters 4 to 96 in; Length Increments of 72 in

**Applications:** Plasma

SKU	Speed Range	Wt.
341-0200-0220	1 in/min - 60 in/min	47 lb



## Tote-A-Torch Outfits

### Features:

- A light medium duty portable outfit that is extremely popular for general maintenance work
- Will weld up to 1-1/4" and cut up to 6" with optional larger tips

**Includes:** 12.5 ft. Twin Hose; 142C Cutting Attachment; 142T Torch Handle; 172C-0 Cutting Tip; 172W-1 Welding Nozzle; 210X-80 Oxygen Regulators; 210Y-15 Acetylene Regulators; 25-300 Striker; 9-WG6G Goggles; CRT10 Plastic Carrier; CY10-MC Acetylene Cylinder; CY20-540 Oxygen Cylinder

SKU	Cutting Cap.	Welding Range [Max]	Wt.
331-12-PTC	1/2 in	3/16 in	27.11 lb



## Air-Propane Torch Outfits

### Features:

- Quiet, adjustable brush flame
- Screw-in design fits Goss AP-1 handle

**Gas Type:** Propane

**Flame Dia:** 1 3/4 in

**Flame Type:** Brush

**Style:** Screw-In

**Process:** Heating; Soldering

**Includes:** AP-1 Handle; BP-5 Tip; EP-70G Regulator; HEF-10 Hose; MP-1 Lighter

SKU	Wt.
328-KP-105	5.1 lb



## Feather Flame® Air-Acetylene Torch Outfits

### Features:

- Economical soldering kit
- Adjustable feather flame tips
- Screw-in design handle and tips
- Kits matched to different tip & tank sizes

**Gas Type:** Acetylene (B)

**Flame Dia:** 3/16 in

**Style:** Screw-In

**Process:** Brazing Light; Soldering

**Includes:** AA-1 Handle; BA-3 Tip; HA3-12 Hose; MA-2 Wrench; MP-1 Lighter; Regulator

SKU	Wt.
328-KA-1H	2.41 lb



## Target® Air-Acetylene Torch Outfits

### Features:

- Features Turbine action target tips
- Used for commercial brazing and soldering
- Snap-in design handle and tips

**Gas Type:** Acetylene (B)

**Flame Dia:** 5/16 in; 7/16 in

**Style:** Snap-In

**Process:** Brazing; Soldering

**Includes:** GA-11 Tip; GA-3 Tip; GG-4 Torch; HA3-12 Hose; Regulator

SKU	Wt.
328-KX-3B	3.9 lb





## Steelworker Kits

- Features:**
- Solid forged head
  - Triangular tube design



SKU	Cutting Cap.	Welding Range
348-4403224	4 in (closed)	1/2 in



## Torch Kit Swirls

- Features:**
- The color coded o-rings featured in this swirl air acetylene kit allow for gas identification
  - Other features include a quick disconnect handle and tip
  - Made up of a patented swirl combustion
- Gas Type:** Acetylene  
**Includes:** "B" Tank Connection



SKU	Description
341-0386-0335	X-3B Torch Kit Swirl, For B tank, Air Acetylene
341-0386-0336	X-4B Torch Kit Swirl, For B tank, Air Acetylene
341-0386-0338	X-5B Torch Kit Swirl, For B tank, Air Acetylene



## Contender® Edge™ Welding & Cutting Outfits

- Features:**
- Built-in replaceable reverse flow check valves and flashback arrestors
- Gas Type:** Fuel Gas; Oxygen  
**Includes:** "T" Grade Hose 1/4 in x 20 ft; 1-1-101 Cutting Tip; 315FC Torch Handle; CA2460 Cutting Attachment; ESS3 CGA510 Regulator; ESS3 CGA540 Regulator; MFA Heating Nozzle, Size: 6; Spark Lighter



SKU	Cutting Cap.	Welding Range
341-0384-2050	3/4 in	1/8 in

## CutSkill® Portable Totes

- Features:**
- Built-in flashback arrestors and check valves
- Gas Type:** Oxygen/Acetylene  
**Includes:** 0-3-101 Cutting Tip; 10 Cu. Ft. CGA-200 Acetylene Cylinder; 2-UM-1 Welding Nozzle; 20 Cu. Ft. CGA-540 Oxygen Cylinder; CA270-V Cutting Attachment; Plastic Molded Case; SR150 CR Regulator; SR160 AR Regulator; Twin RM Grade Hose 3/16 in x 12-1/2 ft; WH270FC-V Welding Torch



SKU	Cutting Cap.	Welding Range [Max]	Wt.
341-0384-0939	1 1/4 in	3/32 in	35.83 lb

## Cutter Edge Series Outfit

- Features:**
- For use with all fuel gases as long with the proper tip
- Applications:** Heavy Duty

SKU	Length	Width	Wt.
341-0384-2676	12.2 in	12 in	34.6 lb



## Cutter Select Medalist 250 Outfit

- Features:**
- SR series regulators
  - Torch handle contains flashback arrestors and check valves
- Includes:** SR series regulators, torch handle with flashback arrestors and check valves, cutting attachment, cutting tips, welding nozzle



SKU	Description
341-0384-0807	Cutter Select Medalist 250 Outfit, Heavy Duty
341-0384-2540	Cutter Select Medalist 250 Outfit, Medium

## Cutter Select Medalist 350 Outfit

- Features:**
- Propane, natural gas versions available
- Includes:** G350 series regulators, torch handle, cutting attachment, welding nozzle, cutting tip, R-M grade hose, striker and soft sided go



SKU	Wt.
341-0384-2690	29.65 lb

## Cutter Select ST 2600 FC Outfits

- Features:**
- Built-in flashback arrestors and check valves
  - ESS4 Series regulators
- Head Angle:** 90°

SKU	Gas Type
341-0384-2060	Acetylene
341-0384-2062	Natural Gas; Propane



## FirePower® Heavy/ Medium Duty Outfits

### Features:

- Built-in flashback arrestors and check valves

**Inlet Type:** CGA 510

**Gas Type:** All Fuel Gases

**Includes:** Goggles; Striker



**Includes:** 0-UM-1 Welding Nozzle; 3/16 in x 12.5 ft. "R" Grade Hose; CA250-FS Cutting Attachment; RF250 Regulators; Series 3 Cutting Tip; WH270FC-FS Torch Handle

SKU	Cutting Cap.	Welding Range
341-0384-2551	1/2 in	5/64 in

**Includes:** 1/4 in x 25 ft. "R" Grade Hose; 2-UM Welding Nozzle; CA350-FS Cutting Attachment; RF350 Regulators; Series 1 Cutting Tip; WH370FC-FS Torch Handle

SKU	Cutting Cap.	Welding Range
341-0384-2652	3/4 in	1/8 in

## Journeyman II® Edge™ Welding & Cutting Outfits



### Features:

- Built-in replaceable reverse flow check valves and flashback arrestors

**Gas Type:** Fuel Gas; Oxygen

**Includes:** "T" Grade Hose 1/4 in x 20 ft; 1-1-101 Cutting Tip; 315FC Torch Handle; CA2460 Cutting Attachment; ESS4 CGA510 Regulator; ESS4 CGA540 Regulator; Series 1 Cutting Tip; Soft Side Shade 5 Goggles; Spark Lighter; Tip Cleaner; W Welding Nozzle, Size: 2

SKU	Cutting Cap.	Welding Range
341-0384-2041	3/4 in	1/8 in

## Journeyman Select Heavy Duty Outfits

### Features:

- 315FC torch handle with built-in flashback arrestors and check valves

**Head Angle:** 90°



**Description:** Journeyman Select Heavy Duty Outfit, 315FC Torch Handle, CA 2460 Cutting Attachment, 540/300 ESS4 EDGE Regulators

SKU	#	Gas Type
341-0384-2070	1	Acetylene

**Description:** Journeyman Select Heavy Duty Outfit, 315FC Torch Handle, CA 2460 Cutting Attachment, 540/510 ESS4 EDGE Regulators

SKU	#	Gas Type
341-0384-2068	2	Acetylene

**Description:** Journeyman Select Heavy Duty Outfit, 315FC Torch Handle, CA 2460 Cutting Attachment, 992/993 ESS4 EDGE Regulators

SKU	#	Gas Type
341-0384-2071	1	British Fuel

## Journeyman® Edge™ Welding & Cutting Outfits



### Features:

- Built-in replaceable reverse flow check valves and flashback arrestors

**Gas Type:** Fuel Gas; Oxygen

**Includes:** "T" Grade Hose 1/4 in x 20 ft; 1-1-101 Cutting Tip; CA2460 Cutting Attachment; ESS4 CGA510 Regulator; ESS4 CGA540 Regulator; H315FC Torch Handle; Heating Nozzle 8-MFA; Soft Side Shade 5 Goggles; Spark Lighter; Tip Cleaner; W Welding Nozzles, Size: 1, 3, 5

SKU	Cutting Cap.	Welding Range
341-0384-2036	3/4 in	1/2 in

## Medalist G-350 Cutting Systems

### Features:

- Heavy duty construction
- Built-in check valves
- One Cutting Attachment for All Fuel Gases

**Gas Type:** All Fuel Gases

**Applications:** Heavy Duty

SKU
341-0384-2691



## Performer® Edge™ Welding & Cutting Outfits



**Features:**

- Built-in replaceable reverse flow check valves and flashback arrestors

**Gas Type:** Fuel Gas; Oxygen

**Cutting Cap.:** 1/2 in

**Includes:** "T" Grade Hose 1/4 in x 20 ft; 0-3-101 Cutting Tip; 100FC Torch Handle; CA1350 Cutting Attachment; ESS3 CGA540 Regulator; MFA-1 Heating Nozzle, Size: 4; Soft Side Shade 5 Goggles; Spark Lighter; Tip Cleaner; W-1 Welding Nozzle, Size: 0

SKU	Welding Range	Includes
341-0384-2045	1/4 in	ESS3 CGA510 Regulator
341-0384-2046	1/4 in	ESS3 CGA300 Regulator

## Welding and Cutting Outfits



**Features:**

- Built-in replaceable reverse flow check valves and flashback arrestors
- Journeyman® outfits feature Edge Series regulators, steel gauge guards, built-in flashback arrestors, and reverse flow check valves

**Gas Type:** Fuel Gas; Oxygen

**Includes:** "T" Grade Hose 1/4 in x 20 ft; 1-1-101 Cutting Tip; 25 Feet x 1/4 ft T Grade Hose; 315FC Torch Handle With Flashback Arrestors And Check Valves; CA2460 Cutting Attachment; Cutting Tip; ESS4 CGA300 Regulator; ESS4 CGA540 Regulator; Multi Wrench; Regulators; Soft Side Shade 5 Goggles; Spark Lighter; Striker, Tip Cleaner And Shade 5 Goggles; Tip Cleaner; Welding Nozzle

**Fuel Type:** Oxygen/Acetylene

**Used With:** ESS4-125-540; ESS4-15-300

**Used on Torch Handle:** 315FC

**Includes:** 315FC Torch Handle; W Welding Nozzle, Size: 2

SKU	#	Cutting Cap.	Welding Range	Wt.
341-0384-2040	1	3/4 in	1/8 in	19.2 lb

**Includes:** 8-MF Heating Head; H315FC Torch Handle; Heating Nozzle 8-MFA; W Welding Nozzles, Size: 1, 3, 5

**Nozzle Type:** 8-MFA

SKU	#	Cutting Cap.	Welding Range	Wt.
341-0384-2035	2	3/4 in	1/2 in	21.15 lb



## Goss® Torch Handles



**Features:**

- Handle propane, front valve for screw-in tips
- Keep your tips burning
- Very durable handles

**Body Material:** Brass

SKU	Wt.
328-AP-54	1 3/4 lb



## Torch Handles



**Features:**

- Handle propane, front valve for screw-in tips
- Keep your tips burning
- Very durable handles

SKU
348-1401150



## Heavy Duty Cutting Attachment



**Features:**

- Cuts up to 8 in (203mm) thick steel
- Solid silver brazed construction
- Features O-ring seating and easy-to-change slip-in Graf-Tite® cutting tips with cost saving soft-seats
- Use with any industrial equal pressure fuel gases — acetylene, propane, natural gas, propylene, hydrogen, MAPP®, and many others

**Gas Type:** Any Fuel Gas

**Head Angle:** 90°

**Uses Cutting Attachment:** SW1; SW1A; SW1B; WH200

**Uses Cutting Tip:** SC SERIES

**Body Material:** BRASS, SST

SKU	Cutting Cap.	Length	Wt.
635-SC209	8 in	12 1/2 in	2.35 lb





## Heavy Duty Cutting Torches

### Features:

- Slip-in cutting tip design for easy tip changes
- 3-tube in-tip mixing keeps gases separate until reaching the tip
- Handle has reversible cutting lever, top or bottom mounting
- Cuts up to 8 in (203mm) thick steel
- Features O-ring seating and easy-to-change slip-in Graf-Tite® cutting tips with cost saving soft-seats

**Gas Type:** Oxygen/Fuel Gas; All

**Connections:** 9/16 - 18

**Head Angle:** 90°; 190°

**Uses Cutting Tip:** SC SERIES

**Body Material:** BRASS, SST



SKU	Cutting Cap.	Length	Wt.
635-SC229	12 in	20 1/2 in	3.45 lb



## 100FC Series Medium Duty Cutting Attachments

### Features:

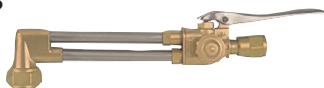
- Die-forged brass head
- Spiral mixer blends oxygen and fuel
- Smooth cutting valve (pull type)
- Stainless steel tubes
- Brass coupling nut and Double "O" ring steel gives quick gas-tight seal tightening without wrench

**Gas Type:** All Fuel Gases

**Head Angle:** 90°

**For Model:** 100FC

**Uses Cutting Tip:** Series 3



SKU	Cutting Cap.	Length	Wt.
341-0381-0418	6 in	8 in	13 oz

## 300 Series Heavy Duty Cutting Attachments

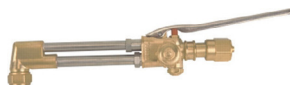
### Features:

- Die-forged brass head
- Spiral mixer blends oxygen and fuel
- Smooth cutting valve (pull type)
- Stainless steel tubes
- Brass coupling nut and Double "O" ring steel gives quick gas-tight seal tightening without wrench

**Gas Type:** All Fuel Gases

**For Model:** 315FC; HD310C

**Uses Cutting Tip:** Series 1



SKU	Cutting Cap.	Length	Head Angle
341-0381-0816	8 in	10 1/2 in	90°
341-0381-0818	8 in	10 1/2 in	180°
341-0387-0000	8 in	10 1/2 in	90°

## 400 Series Cutting Attachments

### Features:

- Intuitive knobs: color coded, clearly marked lettering with increase/decrease label
- Built-in check valves.
- Improved Stainless Lever provides increased comfort and reduced operator hand fatigue.
- Redesigned inlet nut increases grip for Hand Tightening

**Gas Type:** All



SKU
341-0381-1940

## Heavy Duty 300 Series Torch Handles

### Features:

- Cover the full range of welding, cutting and heating needs
- Performance matched cutting attachments are available for each tool handle series

**Gas Type:** All Fuel Gases

**Connections:** Hose 9/16 in - 18

**Includes:** Built-In Flashback Arrestors; Reverse Flow Check Valves



SKU	Length	Series
341-0382-0034	11 in	VanGuard Heavy Duty Series 315 (315FC)
341-0387-0008	9 in	VanGuard Heavy Duty Series 315 (315FC)
341-0382-0015	11 in	Standard Heavy Duty Series 310 (HD310C)

## Heavy Industry Straight Cutting Torches

### Features:

- Built-in patented flashback arrestors
- Reverse flow check valves

**Tip Size Symbol:** 1

**Series:** 1



**Gas Type:** All

SKU	Cutting Cap.	Length	Head Angle
341-0381-1482	8 in	21 in	75°

**Gas Type:** For use with any fuel gas, 5 PSIG and above

SKU	Cutting Cap.	Length	Head Angle
341-0381-1641	1/8 in; 1/8 in - 5 in	21 in	90°

## Medium Duty 100 Series Torch Handles

### Features:

- Performance matched cutting attachments are available for each torch handle series
- Victor traditional threaded assembly

**Gas Type:** All Fuel Gases

**Connections:** Hose 9/16 in - 18

**Includes:** Built-In Flashback Arrestors; Reverse Flow Check Valves



SKU	Length
341-0382-0032	8 1/2 in



## MT 200 Two Hose Machine Cutting Torches

**Features:**

- Straight through design
- High performance mixer design

**Gas Type:** Acetylene

**Cutting Cap.:** 7 in

**Uses Cutting Tip:** Series 1

**Body Material:** Brass

**Includes:** Reverse Flow Check Valves



SKU	Barrel Length	Racking Length	Length
341-0380-0217	10 in	7 in	14 in
341-0380-0215	4 1/2 in	N/A	8 1/2 in

## ST 2600FC "VanGuard™" Straight Cutting Torches

**Features:**

- For use with fuel gas with a minimum pressure of 5 PSIG
- Stainless steel oxygen cutting lever at top rear

**Gas Type:** All Fuel Gases

**Head Angle:** 90°

**Uses Cutting Tip:** Series 1

**Includes:** Built-In Flashback Arrestors; Reverse Flow Check Valves



SKU	Cutting Cap.	Length
341-0381-1480	1/8 in - 12 in	21 in

## ST 900FC "VanGuard™" Straight Cutting Torches

**Features:**

- For use with fuel gas with a minimum pressure of 5 PSIG
- Stainless steel oxygen cutting lever at top rear

**Gas Type:** All Fuel Gases

**Head Angle:** 90°

**Uses Cutting Tip:** Series 1

**Includes:** Built-In Flashback Arrestors; Reverse Flow Check Valves



SKU	Cutting Cap.	Length
341-0381-1621	1/8 in - 6 in	21 in
341-0381-1624	1/8 in - 6 in	36 in



## Cutting Tips



**Features:**

- General purpose hand cutting

**Material:** Swaged Copper

SKU	Style	Gas Type	Tip Size Symbol
100-0-1-101	Victor®	Acetylene; Oxygen	0
100-0-3-101	Victor®	Acetylene; Oxygen	0
100-00-1-101	Victor®	Acetylene; Oxygen	00
100-1-1-101	Victor®	Acetylene; Oxygen	1
100-1-3-101	Victor®	Acetylene; Oxygen	1
100-2-1-101	Victor®	Acetylene; Oxygen	2
100-3-1-101	Victor®	Acetylene; Oxygen	3
100-4-1-101	Victor®	Acetylene; Oxygen	4
100-6290NX-2	Harris®	Natural Gas; Propane	2



## Tips & Nozzles

**Features:**

- Centerfire consumable series Contact Tips, Gas Diffusers, Nozzles, and Tapered Contact Tips are machined to the highest quality for extended service life

• Adapter Heads and Insulator Caps are available to convert indicated tools to use Centerfire consumables

• Shortstub® manual products provide quick, easy electrode installation for improved productivity

**Used With:** Q-Gun



SKU	Style	Bore Size	Inside Dia	Material
1/4 in. Tip Recess				
360-N-5814C	Large	15.88 mm	5/8 in	Copper
1/8 in. Tip Recess				
360-N-5818B	Large	15.88 mm	5/8 in	Brass
360-NS-1218B	Small	12.7 mm	1/2 in	Brass



## Heating Nozzles

**Features:**

- Ideal for preheating and straightening

**Process:** Heating

**Gas Type:** Oxy-Acetylene; Oxy-Hydrogen

**Tip Size Symbol:** 8

**Used on Torch Handle:** 143T; 143TL; 143TLH



SKU	Wt.
331-173H-8	1.03 lb



## Replacement Tip Ends for Brass Extensions

### Features:

- Piezoelectric ignitor tip
- Flame Dia: 2 1/8 in
- Gas Type: Air; MAPP; Propane
- Energy @ Pressure: 300,000 Btu @ 40 psi
- Flame Type: Brush



SKU	Wt.
328-BP-6TE	0.71 lb



## J.W. Harris Cutting Tips

### Features:

- Minimizes kerf
- Increased cutting speeds reduce heat input
- Used with low-cost fuel gases
- Gas Type: Natural Gas; Propane



SKU	Tip Size Symbol	Thickness
348-1501390	2	1/2 in (closed)
348-1501410	3	3/8 in (closed)
348-1800150	3	



## SC12 Series Heavy-Duty Cutting Tips

### Features:

- Compressible Graf-Tite® high-pressure seats withstand high temperatures and extend tip life
- In-tip mix resists flashbacks for maximum efficiency
- Full swaging minimizes gas turbulence
- Concave tip end reduces backfire and resists flameout when base metal is accidentally contacted during cutting
- For hand, machine, and heavy cutting up to 4"
- SC12 Series cutting tips for general hand and machine cutting
- Provides excellent preheat characteristics required for machine cutting

Gas Type: Acetylene; Oxygen/Acetylene

For Model: Cutting Attachments DG200 & SC200 Series, ALL SC & DG Series Hand Torches, All Machine Torches



SKU	Flow Range	Inlet Pressure	Wt.
635-SC12-2	135 cfh	51 psi	0.26 lb
635-SC12-3	180 cfh	47 psi	0.26 lb



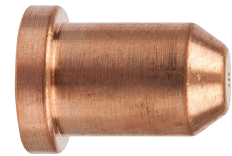
## Cutting Tips Thermal Dynamics

### Features:

- OEM consumable
- Designed for cutting torch applications

Used on Torch(es): SL100; SL60

SKU
365-9-8209



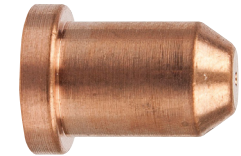
## Thermal Dynamics® Tips

### Features:

- OEM consumable
- Designed for use with 1Torch® manual plasma torches

Used on Torch(es): SL100; SL60

SKU
365-9-8206
365-9-8207
365-9-8210
365-9-8211
365-9-8212



## Tip Swirls

### Features:

- Manual lighting tip can be used with any Air Acetylene torch (PLF-A5 or G-4) handle
- Features a removable orifice screw and color coded "O" rings (red for acetylene)

SKU	Tip Size Symbol
341-0386-0102	5
341-0386-0103	8
341-0386-0104	11
341-0386-0105	14
341-0386-0106	32



## 300FC Series Heating Nozzles

### Features:

- Multi-flame heating head for heat treating, straightening, and priming
- Individual spiral mixer
- Brass coupling nut with built-in snap ring
- Double O-ring seal
- 100% flame tested

Gas Type: Acetylene; Hydrogen



SKU	Tip Size Symbol	Length	Wt.
341-0323-0251	6	12 in	1.15 lb
341-0323-0252	8	12 in	1.15 lb
341-0323-0260	10	17 1/2 in	1.37 lb



## Cutting Tips for Boiler Tube Removal



**Features:**

- Boiler tube removal
- Tip is short to insert head and tip inside tube

**For Model:** MT 1065; MT 200; MT 300; MT 5; ST 1000FC; ST 2600FC; ST 900FC

SKU	Process	Gas Type	Tip Size Symbol	Head Type
341-0330-0063	Cutting	Acetylene	2	Straight

SKU	Tip Size Symbol	Size	Size Group
341-0330-0059	1	1	1
341-0330-0064	3	3	3
341-0330-0065	4	4	4

## Cutting Tips Round Tip



**Features:**

- Deseaming, scarfing, gouging, weld preparation, removing defective welds, washing rivets
- Cutaway tip

**Gas Type:** Acetylene

**For Model:** MT 1065; MT 200; MT 300; MT 5; ST 1000FC; ST 2600FC; ST 900FC

SKU	Tip Size Symbol	Wt.
341-0330-0114	4	0.24 lb
341-0330-0113	2	0.31 lb
341-0330-0109	0	3/4 lb

## Hand and Machine Cutting Tips



**Features:**

- Hand and machine torch cutting
- Machine cutting 30° with torch perpendicular

**Process:** Cutting

**Gas Type:** Acetylene

SKU	Wt.
341-0330-0199	0.21 lb
341-0330-0198	0.22 lb

## HD 310C Series Heating Nozzles



**Features:**

- High capacity heating head
- All fuel gases except Acetylene

**Gas Type:** Butane; Hydrogen; MAPP® (Methyl Acetylene-Propadiene); Methane; Natural Gas; Oxygen; Propane; Propylene

SKU	Tip Size Symbol	Length
341-0323-0325	15	28 in
341-0323-0326	20	28 in

## HD 310C Series Heating Nozzles MFA



**Features:**

- Multi-flame heating head for heat treating, straightening, and priming
- Individual spiral mixer
- Brass coupling nut with built-in snap ring
- Double O-ring seal
- 100% flame tested

**Gas Type:** Acetylene; Hydrogen

SKU	Tip Size Symbol	Length
341-0323-0261	12	17 1/2 in
341-0323-0262	15	17 1/2 in

## Series 1 Type 101 Cutting Tips

**Features:**

- Hand and machine torch cutting

**Process:** Cutting

**Gas Type:** Acetylene

**Head Type:** Straight



**For Model:** 100FC; CST 800FC; J Series

SKU	Tip Size Symbol
341-0330-0005	1
341-0330-0006	2
341-0330-0007	4

**For Model:** MT 1065; MT 200; MT 300; MT 5; ST 1000FC; ST 2600FC; ST 900FC

SKU	Tip Size Symbol
341-0330-0002	3
341-0330-0003	000
341-0330-0004	00
341-0330-0008	5
341-0330-0012	0

## Series 1 Type GPN One Piece Cutting Tips



**Features:**

- Hand and machine cutting torches

**Gas Type:** Natural Gas; Propane

**For Model:** MT 1065; MT 200; MT 300; MT 5; ST 1000FC; ST 2600FC; ST 900FC

SKU	Tip Size Symbol
341-0333-0302	0
341-0333-0303	1
341-0333-0304	2
341-0333-0305	3
341-0333-0306	4





## Series 100FC Heating Nozzles

### Features:

- Multi-flame heating head for heat treating, straightening, and priming

**Gas Type:** Acetylene; Hydrogen

**Tip Size Symbol:** 6

**Used on Torch Handle:** 100 Series



SKU	Length
341-0324-0110	12 in

## Series 3 Type 101 One Piece Cutting Tips

### Features:

- Hand and machine torch cutting

**Gas Type:** Acetylene

**For Model:** 100FC; CST 800FC; J Series



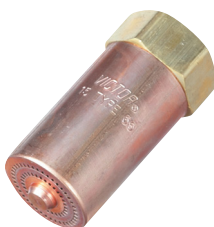
SKU	Tip Size Symbol
341-0331-0009	00
341-0331-0013	0
341-0331-0014	1
341-0331-0015	2

## Type 55 Heads

### Features:

- Threaded elbows give you the flexibility to easily service or extend the length of the nozzles
- Use the special extensions adapter to extend the tip tube to the required length

**Gas Type:** Butane; Hydrogen; MAPP® (Methyl Acetylene-Propadiene); Methane; Natural Gas; Oxygen; Propane; Propylene



SKU	Tip Size Symbol	For Model
341-0311-0231	15	Type 55 Nozzle

SKU	Series	Used on Torch Handle	Sizes Avail.
341-0311-0232	HD 310C	HD 310C	20

## Type MFA Heavy Duty Heating Nozzles

### Features:

- Multi-flame heating head for heat treating, straightening, and priming
- Individual spiral mixer
- Double O-ring seal
- 100% flame tested

**Gas Type:** Acetylene; Hydrogen

**Tip Size Symbol:** 8

**Used on Torch Handle:** 300 Series



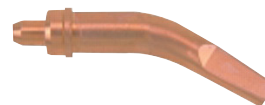
SKU	Length
341-0387-0062	12 in

## Victor Cutting Tips

### Features:

- General purpose hand cutting

SKU
341-0330-0528



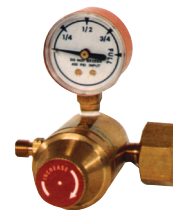
## Air-Acetylene Regulators

### Features:

- UL listed regulators manufactured of solid brass and made for rugged use
- Specially designed conical seat and a neoprene diaphragm
- The inlets have filters to prevent dirt from entering the regulator
- B cylinder connection

**Thread - TPI or Pitch:** 3/8 in - 24

**Outlet Type:** Left Hand Thread



SKU	Wt.
328-EA-1G	1 1/2 lb

## Nitrogen Purging Regulators

### Features:

- All brass regulator used for purging and blowing off coils in an HVAC system

**Outlet Type:** Right Hand Thread

**Inlet Connection:** CGA 580



SKU	Outlet Pressure	Thread - TPI or Pitch	Inlet Size
328-EN-460F	0 psi - 450 psi	.960 in - 14	1/4 in (NPT)

## Propane Regulators

### Features:

- All brass regulators used with propane torches and furnaces
- Use only with vapor withdrawal cylinders
- UL listed with POL inlet spud and nut

**Inlet Size:** 1/4 in (NPT)

**Outlet Type:** Left Hand Thread



SKU	Pressure	Thread - TPI or Pitch
328-EP-60-3	11 inH2O	9/16 in - LH
328-EP-70G	5 psi - 60 psi	9/16 in - 18



## J.W. Harris Flowmeters

### Features:

- Regulator is pre-set at 20 PSIG
- Construction incorporates regulator and flowmeter into one compact unit
- Flow tube and float are easily changed for different gases
- Dual calibration on Argon/Carbon Dioxide flow tube
- Sensitive needle valve for fingertip control
- One-piece encapsulated seat design, with an internal filter and PTFE Teflon® seat
- Durable, easy-to-read flow tube and cover

**Gas Type:** Argon

**Inlet Type:** CGA 580



SKU	Outlet Size	Gauge Size
348-3100200	5/8 in	1 1/2 in (steel)

## J.W. Harris Regulators

### Features:

- Single stage regulator
- This regulator is the traditional workhorse of the Harris regulator line
- A time proven design for those who want an economical, high performance regulator

**Outlet Size:** 5/8 in



SKU	Gas Type	Inlet Type
348-3000510	Oxygen	CGA 540



SKU	Gas Type	Inlet Type	Gauge Size	Capacities
348-3100140	Argon; Helium	CGA 580	2 in (steel)	Heavy Duty



## DFM Dual Flowmeter Regulators

### Features:

- Designed to monitor two separate processes or gas flows
- If flow is shut-off or restricted downstream of the regulator, the flow gauge will show indicated flow even though there is none
- Flowmeter shows actual flow

**Gas Type:** Argon; Helium

**Flow Range:** 20 - 150 Helium; 5 - 50 SCFH Argon

**Outlet Connection:** 5/8 in - 18 RH(F)

**Body Material:** Brass



SKU	Inlet Pressure	Inlet Connection
341-0781-1153	3,000 psig	CGA 580

## Edge™ Series Single Stage Regulators

### Features:

- Advanced design
- Easy to use adjusting knob
- Outstanding flow performance
- Advanced design



SKU	Pressure	Inlet Type	Capacities	Color
Acetylene				
341-0781-5105	15 PSIG	CGA 510	3	Red
341-0781-5132	15 PSIG	CGA 510	4	Red
Inert Gas				
341-0781-5116	125 PSIG	CGA 580	3	Green
Oxygen				
341-0781-5100	125 PSIG	CGA 540	3	Green
341-0781-5127	125 PSIG	CGA 540	4	Green
LPG				
341-0781-5108	40 PSIG	CGA 510	3	Orange

## High Flow CO2 Flowmeter/Flowgauge

### Features:

- Designed for CO2 application (non-siphoned tube cylinders) High flow CO2 applications (SR 310 100 PSIG) (SR 311/312 100 SCFH) with adequate supply or source
- Stem type seat mechanism
- Self reseating relief valve

**Gas Type:** Carbon Dioxide

**Inlet Connection:** CGA 320

**Outlet Connection:** 5/8 in - 18 RH(F)

**Body Material:** Aluminum

**Diaphragm Material:** Fabric-Reinforced Neoprenes



SKU	Flow Cap.	Inlet Pressure	Gauge Size
341-0781-0353	25 SCFH - 100 SCFH	1,500 psig	2 in
341-0781-0354	0 SCFH - 100 SCFH	1,500 psig	2 in



## HRF 1400 Medalist™ Flowmeters

**Features:**

- For measuring and regulating gas flow
- Made in the U.S.A.
- Single stage piston design
- PTFE seat

**Gas Type:** Argon, Argon/CO<sub>2</sub>, Carbon Dioxide  
**Flow Range:** Up to 50 CFH Argon, Up to 38 CFH Co<sub>2</sub>  
**Outlet Connection:** 5/8 in - 18 RH(F)  
**Body Material:** Machined Brass



SKU	Inlet Connection
341-0387-0240	CGA 580
341-0781-2723	CGA 580

## HRF 2400 Single Stage Regulator/Flowmeters

**Features:**

- MIG/TIG applications
- Internal self reseating relief (not designed to protect downstream apparatus)
- Back pressure compensated
- Lexan flowmeter tube and cover

**Gas Type:** Argon; Argon/CO<sub>2</sub>; Helium  
**Flow Range:** 10 - 50 SCFH Argon; 20 - 150 Helium  
**Inlet Pressure:** 3,000 psig  
**Outlet Connection:** 5/8 in - 18 RH(F)  
**Body Material:** Brass  
**Diaphragm Material:** Neoprene®  
**Filter Material:** Bronze; Sintered



SKU	Outlet Pressure	Inlet Connection
341-0781-2731	25 psig	CGA 580

## Oxygen Regulators

**Features:**

- Forged brass body
- Zinc-aluminum housing caps
- High impact ABS gauge guard
- SLAM™ impact absorbing safety knob



SKU
341-0781-5218

## SR 150R Rear Entry Single Stage Light Duty Regulators

**Features:**

- Light duty flow rates
- Rear entry inlet
- Color coded gauges available on some models

**Gas Type:** Oxygen  
**Inlet Connection:** CGA 540  
**Outlet Connection:** 9/16 in - 18 (M)  
**Body Material:** Machined Brass  
**Diaphragm Material:** Neoprene



SKU	Outlet Pressure
341-0781-2545	4 psig - 80 psig

## SR 350 Single Stage Heavy/Medium Duty Regulators

**Features:**

- Delrin® cap bushing for smooth adjustments
- Single stage design
- Sintered inlet filter
- Stem type seat mechanism



SKU
341-0797-0126

## SR 4 High Pressure Single Stage Piston Regulators

**Features:**

- Dead-end testing
- May be panel mounted
- All SR 4 series regulators have a swaged lock type stainless steel outlet fitting
- Cartridge type seat assembly with PCTFE seat
- Delrin® cap bushing for smooth adjustments
- External adjustable relief valves on F and G range models
- Hydrogen models have ventable relief valves
- Delrin® cap bushing for smooth adjustments

**Outlet Size:** 1/4 in  
**Outlet Type:** Swagelok®  
**Body Material:** Machined Brass



SKU	Inlet Pressure	Outlet Pressure	Inlet Connection
Argon; Nitrogen			
341-0781-1450	5,500 psig	200 psig - 3,000 psig	CGA 680
Inert Gas			
341-0781-1408	3,000 psig	50 psig - 750 psig	CGA 580
341-0781-1428	3,000 psig	100 psig - 1,500 psig	CGA 580
341-0781-1448	3,000 psig	200 psig - 3,000 psig	CGA 580



## SR 450 Series Single Stage Heavy Duty Regulators

### Features:

- Medium to high gas service capacity
- Single stage design
- Stem type seat mechanism
- Delrin® cap bushing for smooth adjustments
- External self reseating relief valve not designed to protect downstream apparatus

**Inlet Pressure:** 3,000 psig

**Gauge Size:** 2 1/2 in

**Diaphragm Size:** 3 1/4 in

**Body Material:** Forged Brass

**Diaphragm Material:** Stainless Steel

**Filter Material:** Bronze; Sintered



SKU	Outlet Pressure	Inlet Connection	Outlet Connection
<b>Acetylene</b>			
341-0781-0584	2 - 15 psig	CGA 510	9/16 in - 18 (M)
<b>Air; Inert Gas; Oxygen</b>			
341-0781-0527	5 - 125 psig	CGA 540	9/16 in - 18 (M)
341-0781-0528	5 - 125 psig	CGA 580	9/16 in - 18 RH(F)
341-0781-0543	10 - 200 psig	CGA 580	9/16 in - 18 RH(F)

## TPR250 Medalist™ Purging Regulators

### Features:

- Single stage construction
- Forged brass housing cap
- Stem type seat mechanism
- Internal relief valve

**Gas Type:** Inert Gas

**Outlet Connection:** 1/4 in - 37° Flare

**Handle Type:** T-Handle

**Body Material:** Forged Brass



SKU	Outlet Pressure	Inlet Connection	Gauge Size
341-0781-9135	10 - 500 psig	CGA 580	2 in

## Victor Professional Two Stage ETS4 - EDGE Series

### Features:

- User friendly architecture
- Advanced design
- Durable construction
- Compact layout
- Outstanding flow performance
- Unsurpassed safety
- Color-coded knobs
- SLAM technology
- Five-year warranty



SKU
341-0781-5230



## Deluxe Balloon Inflators

### Features:

- Replaceable rubber tilt valve for simple, fast inflation of latex balloons
- Replaceable brass quick tie hook for use with latex balloon sealing discs
- Hand tight cylinder connection provides leak-free installation
- Filtered throughout to trap foreign matter and extend regulator life

**Gas Type:** Helium

**Inlet Connection:** CGA 580



SKU	Inlet Pressure
312-RPB-6HG	3,000 psi

## Economy Balloon Inflators

### Features:

- Horizontal one-piece design with all brass piston construction
- Replaceable Viton® O-Ring
- Hand tight design provides leak-free connection
- Replaceable rubber tilt valve

**Gas Type:** Helium

**Inlet Connection:** CGA 580



SKU	Inlet Pressure
312-R125	3,000 psi

## Economy Balloon Inflators w/Gauge

### Features:

- Horizontal one-piece design with all brass piston construction
- Replaceable Viton® O-Ring
- Hand tight design provides leak-free connection
- Replaceable rubber tilt valve
- Easy-to-read contents gauge with rubber protective cover

**Gas Type:** Helium

**Inlet Connection:** CGA 580

**Includes:** Gauge



SKU	Inlet Pressure
312-R125G	3,000 psi





## Flow Gauge Regulators

### Features:

- Dual scale flow gauge calibrated for Argon/Carbon Dioxide services
- Durable Neoprene diaphragm maintains consistent flow rates
- Protective inlet filtering system extends regulator life
- KEL-F® seat assembly

**Gas Type:** Argon

**Inlet Connection:** CGA 580

**Outlet Connection:** 5/8 in - 18 RH(F);

9/16 in - 18 RH(M)

**Gauge Size:** 2 in

**Body Material:** Machined Brass

**Inlet Pressure:** 3,000 psig



SKU	Flow Cap.
312-REB-3-FG	0.35 SCFH
312-REB-3-FGD*	0.35 SCFH

\* Includes: 6 ft. Neoprene Hose w/Fittings

## M1 Series Flow Gauge Regulators

### Features:

- Chrome-plated brass body with all brass high-pressure chamber
- Internal reseating relief valve protects against overpressurization
- Standard DISS 1240 outlet connection and plastic swivel hose barb

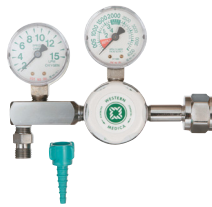
**Gas Type:** Oxygen

**Flow Range:** 2 - 15 LPM

**Inlet Connection:** CGA-870 Yoke

**Diaphragm Material:** Neoprene

**Filter Material:** Sintered



SKU	Inlet Pressure	Gauge Size
312-M1-870-15FG	3,000 psi	2 in

## M1 Series Preset Pressure Gauge Regulators

### Features:

- Chrome-plated brass body with all brass high-pressure chamber
- 1100 SCFH air maximum rated flow at 2000 psi
- Internal reseating relief valve protects against overpressurization
- DISS gas specific outlets

**Gas Type:** Oxygen

**Inlet Connection:** CGA-540 Nut and Nipple

**Diaphragm Material:** Neoprene

**Filter Material:** Sintered



SKU	Inlet Pressure	Outlet Pressure	Gauge Size
312-M1-540-P	3,000 psi	50 psi	2 in

## OPA Series Compact Click-Style Regulators

### Features:

- Dial-in flow control
- Hose barb outlet
- Compact aluminum body with brass inlet chamber
- Internal reseating relief valve protects against overpressurization
- OPA series designed for pediatric, homecare, hospital and emergency applications

**Gas Type:** Oxygen

**Flow Range:** 1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15 LPM

**Filter Material:** Sintered



SKU	Inlet Pressure	Pressure	Inlet Connection	Gauge Size
312-OPA-820	3,000 psi	50 psi	CGA-870 Yoke	1 1/2 in

## Professional Foil/Latex Balloon Inflators

### Features:

- Large hand tight connection permits easy attachment to a cylinder
- Versatile brass push valve provides fast inflation of balloons
- Durable, large brass tip inflates 9" to 40" latex balloons
- Easy to use replaceable ribbon cutter
- Color-coded cylinder contents gauge clearly indicates gas level
- Tapered foil tip allows for easy insertion into foil balloons
- Quick tie hook makes balloon tying more efficient

**Gas Type:** Helium

**Inlet Pressure:** 3,000 psi

**Includes:** Gauge; Handtight Connection;

Tilt Valve



SKU	Includes
312-BR4HG	Cutter; Tie Hook
312-RPB-62HGV	

## RS Series High Delivery Pressure Regulators

### Features:

- Machined brass body and bonnet resists corrosion and extends service life
- Dependable brass piston design
- KEL-F™ seat assembly withstands high service pressures
- Dual inlet filtering extends regulator life
- Outlet 180° opposed to inlet

**Gas Type:** Inert Gas

**Inlet Connection:** CGA 580

**Outlet Connection:** 1/4 in. NPT(F)

**Gauge Size:** 2 1/2 in

**Body Material:** Brass



SKU	Flow Cap.	Inlet Pressure	Outlet Pressure
312-RS-11-15	2,550 SCFH	3,000 psi	0 - 1,500 psi; 2,000 psi



## RWS Series Flowmeters

### Features:

- Durable flow tube with large, easy to read gradients and shatter-resistant cover
- Dual calibrated
- Sensitive, easily adjusted needle valve
- Protective inlet filter extends flowmeter life
- Made in the U.S.A

**Gas Type:** Argon/CO<sub>2</sub>

**Outlet Connection:** 5/8 in - 18 RH(F); 9/16 in - 18 RH(M)



SKU	Flow Cap.	Inlet Pressure	Inlet Size
312-RWS-2-13	0 SCFH - 70 SCFH	50 psig	1/8 in NPT(F)

## VN Series HVAC Nitrogen-Purging Regulators/Flowmeters

### Features:

- Hybrid design - regulator and flowmeter all in one
- Easy-to-read nitrogen cylinder content gauge with preset flow rates
- Heavy-duty brass body designed for rugged field use
- No adaptors needed

**Outlet Type:** SAE Flare

**Body Material:** Brass



SKU	Pressure	Outlet Size
312-VN-250	250 psi	1/4 in
312-VN-500	500 psi	1/4 in

## Brass Cylinder Adaptors

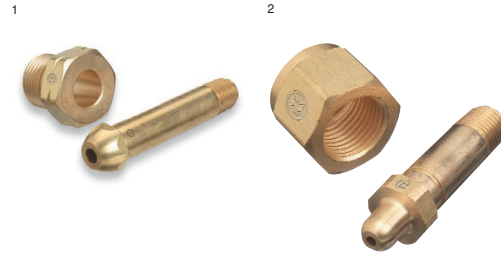


### Features:

- Use a brass cylinder adaptors to connect a regulator to a cylinder or other equipment when different CGA threads on the mating parts make a direct connection impossible
- Adaptors should not be used as permanent installations

SKU	From Cylinder Service	To Regulator Service
312-306	CGA-520 "B" Tank Acetylene	CGA-300 Commercial Acetylene
312-315	CGA-510 POL Acetylene	CGA-520 "B" Tank
312-316	CGA-300 Commercial Acetylene	CGA-520 "B" Tank
312-317	CGA-520 "B" Tank Acetylene	CGA-510 POL Acetylene
312-319	CGA-520 "B" Tank Acetylene	CGA-300 Commercial Acetylene
312-324	CGA-200 "MC" Acetylene	CGA-510 POL Acetylene
312-51	CGA-510 POL Acetylene	CGA-300 Coml Acet 1 Piece
312-61	CGA-300 Commercial Acetylene	CGA-510 POL Acetylene
312-806	CGA-320 Carbon Dioxide	CGA-540 Oxygen
312-810	CGA-580 Nitrogen	CGA-320 Carbon Dioxide

## Regulator Inlet Nipples



### Features:

- Utilize this brass regulator inlet nipple for various gas regulators with a 1/4 NPT connection
  - The inlet nipple provides fast and semi permanent connection, however not as permanent installations
  - They are made up of a brass material for maximum durability
- Thread Size:** 1/4 in (NPT)

### Material: Brass

SKU	#	CGA No.
Acetylene (POL); Air; Argon; Helium; Medical Mixtures; Nitrogen		
312-15-3	1	CGA-500; CGA-510; CGA-580; CGA-590
312-15-3SF*	1	CGA-500; CGA-510; CGA-580; CGA-590
312-15-4	2	CGA-500; CGA-510; CGA-580; CGA-590
312-15-4SF*	2	CGA-500; CGA-510; CGA-580; CGA-590
312-15-8CV†	1	CGA-500; CGA-510; CGA-580; CGA-590
Carbon Dioxide (CO <sub>2</sub> )		
312-CO-3	2	CGA-320
Oxygen		
312-69	1	CGA-540
312-69-SF*	1	CGA-540

### Material: Stainless Steel

SKU	#	CGA No.
Acetylene (POL); Argon; Helium; Industrial Air; Nitrogen		
312-SS-15-3	1	CGA-510; CGA-580; CGA-590
Inert Gas		
312-SS-60-3	1	CGA-677

\*Includes: Filter

†Includes: Check Valve

## Regulator Inlet Nuts

### Features:

- Manufactured from durable brass
- All brass nuts are machines to CGA specifications and designed with wrench flats



SKU	CGA No.	Connection Type	Material
Acetylene (POL)			
312-15-2	CGA-510		Brass
Argon; Helium; Nitrogen			
312-692P	CGA-580	Male	Plastic
312-92	CGA-580	Male	Brass
Carbon Dioxide (CO <sub>2</sub> )			
312-CO-2	CGA-320	Female	Brass
Oxygen			
312-62	CGA-540	Female	Brass



## Regulator Inlet Washers

### Features:

- For use with regulator nuts and nipples
- Designed to fit a full range of gas service requirements



SKU	CGA No.	Material
Carbon Dioxide (CO2)		
312-CO-5	CGA-320	Fiber
312-CO-6	CGA-320	PTFE Fluorocarbon Resin
Refrigerant Gases, Mixtures		
312-665	CGA-660, CGA-670	PTFE Fluorocarbon Resin

## Replacement Tilt Valve

### Features:

- Replaceable rubber tilt valve for simple fast inflation

**Material:** Rubber



SKU
312-RPB-5-1V



## FlameBuster™ Flashback Arrestors

### Features:

- For all oxygen and fuel welding and cutting torches
- For preventing flashback from torch to hose
- Gas tight O-ring seal
- Threads for connection to torch or regulator

**Filter Material:** Sintered; Stainless Steel

**Housing Material:** Brass

**Includes:** Built-In Reverse Flow Check Valve; Nut & Swivel Assembly



SKU
341-0656-0001
341-0656-0004



## Flashback Arrestor Bodies

### Features:

- Extinguish flashes or flames before they reach the cylinder
- Can be used in any lead not exceeding 3/8" pipe in size which connects an acetylene cylinder to a regulator, manifold or other equipment
- Rated flow capacity is 40 SCFH with a 5 PSIG pressure drop



SKU	Thread Size
312-FA-3	1/4 in NPT(M); 1/4 in NPT(F)

## Flashback Arrestor Components

### Features:

- Color-coded for gas service to provide added safety
- Internal check valves designed to prevent reverse flow and accidental mixing of oxygen and fuel gases
- Torch and regulator models provide downstream and upstream protection
- 10" maximum cutting capacity
- For stopping flashbacks by preventing ignition of mixed gases and to protect equipment such as hoses, regulators, and cylinders

**Thread - TPI or Pitch:** 9/16 in - 18

**Size:** B-Size



SKU	Gas Type	Style
312-FA-100P	Oxygen	Torch
312-FA-130P	Oxygen	Regulator Adaptor
312-FA-200P	Fuel Gas	Torch
312-FA-230P	Fuel Gas	Regulator Adaptor

## Flashback Arrestor Sets

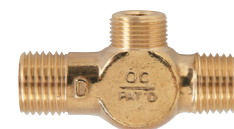
### Features:

- Color-coded for gas service to provide added safety
- Internal check valves designed to prevent reverse flow and accidental mixing of oxygen and fuel gases
- Torch and regulator models provide downstream and upstream protection
- 10" maximum cutting capacity
- For stopping flashbacks by preventing ignition of mixed gases and to protect equipment such as hoses, regulators, and cylinders

**Gas Type:** Oxygen/Fuel Gas

**Thread - TPI or Pitch:** 9/16 in - 18

SKU	Size	Style
312-FA-10	B-Size	Torch
312-FA-30	B-Size	Regulator Adaptor



## Victor Check Valves

### Features:

- For torch and regulator applications
- Guards against danger caused by plugged tips, over-pressurizing or incorrect startup procedures
- Helps prevent accidents caused by gases mixing in hoses, regulators or cylinders

**Gas Type:** All

**Used With:** Welding Torch Handles

SKU
341-0661-0207



## Check Valves



### Features:

- Mounts easily on torch, readily seen and can be removed for periodic testing
- Flow cut up to 12" steel plate or handle heating tips (1200 SCFH at 50 PSIG)
- Stops reverse flow at point of origin

**Thread - TPI or Pitch:** 9/16 in - 18

**Connection Type:** Male/Female

**Size:** B-Size

SKU	CGA No.	Thread Direction	Gas Type	Pressure
312-CV-7R	CGA-022	RH	Oxygen	125 PSIG
312-CV-8L	CGA-023	LH	Fuel Gas	50 PSIG

## Regulator Bushing Adaptors



### Features:

- Easily mounts on outlet bushing on any regulator having a B-Size outlet
- This model has the same flow capacity as the torch - type (1200 SCFH at 50 PSIG) when installed on a regulator
- Check valve is easily seen and is less subject to contamination, abuse and damage

**Thread - TPI or Pitch:** 9/16 in - 18

**Connection Type:** Female/Male

**Size:** B-Size

SKU	CGA No.	Thread Direction	Gas Type	Pressure
312-CV-30R	CGA-022	RH	Oxygen	125 PSIG
312-CV-31L	CGA-023	LH	Fuel Gas	50 PSIG

## Quick Connect Components



### Features:

- Brass construction provides long service life
- Cycle tested over 100,000 operations indicating a service life of 10 to 12 years of comparable use
- Non-interchangeable oxygen and fuel gas connectors prevent accidental gas mixing
- Instant closure on reverse flow check valves with total shutoff at only 10 oz. of back pressure

SKU	Gas Type
312-QDB100	Oxygen/Inert Gas
312-QDB101	Oxygen/Inert Gas
312-QDB200	Fuel Gas
312-QDB201	Fuel Gas
312-QDB300	Inert Gas
312-QDB303	Inert Gas

## Quick Connect Sets



### Features:

- Brass construction provides long service life
- Non-interchangeable oxygen and fuel gas connectors
- Instant closure on reverse flow check valves
- Spring-loaded locking mechanism responds to fingertip action and achieves a gas-tight connection
- Double seal socket connection on second seal

**Gas Type:** Fuel Gas; Oxygen/Inert Gas

**Material:** Brass

SKU	Includes
312-QDB10	QDB11; QDB12
312-QDB20	QDB21; QDB22
312-QDB30	QDB31; QDB32

## Quick Connects

### Features:

- Brass construction provides long service life
- Non-interchangeable oxygen and fuel gas connectors
- Instant closure on reverse flow check valves
- Spring-loaded locking mechanism responds to fingertip action and achieves a gas-tight connection
- Double seal socket connection on second seal

**Material:** Brass



SKU	Connection Type
312-QDB22	QDB101 - Female Socket; QDB105 - Male Plug
312-QDB33	QDB300 - Male Plug; QDB301 - Female Socket
312-QDB34	QDB302 - Male Plug; QDB303 - Female Socket



SKU	Connection Type
312-QDB11	QDB200 - Male Plug; QDB201 - Female Socket

## Quick Connects to Hose Set



### Features:

- DURABLE BRASS CONSTRUCTION
- Cannot be disconnected by means of a straight pull without rotary motion
- Color coded for fuel gas, oxygen and inert gas
- Demand valve prevents gas flow when disconnected
- Easy to grip knurled collar
- Flow capacity 1100 SCFH at 125 PSI inlet
- Reverse flow check valves

**Gas Type:** Oxygen/Fuel Gas

SKU	Thread - TPI or Pitch
312-QDB40	9/16 in - 18





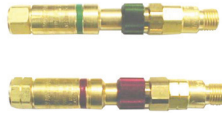
## Safemate Quick Connect Sets w/Built-In Flash Arrestors

### Features:

- Color-coded for gas service to provide added safety
- Internal check valves designed to prevent reverse flow and accidental mixing of oxygen and fuel gases
- Torch and regulator models provide downstream and upstream protection
- 10" maximum cutting capacity

**Gas Type:** Oxygen/Fuel Gas

**Fits Model:** All Standard Torch Models



SKU	Length
312-QDF10	2 1/2 in
312-QDF30	2 1/2 in



## 250 Amp Electrode Holders

### Features:

- Ergonomically designed for welder's comfort
- Made from high quality materials for both high conductivity and improved cable connection
- Fully insulated shock proof vinyl handle

**Handle Material:** Nylon



SKU	Amps	Length	Style
100-AB-A316T	250 A	9 in	Tweco®
100-AB-A532T	200 A	8 1/4 in	Tweco®
100-AB-A732T	300 A	9 3/4 in	Tweco®
100-AB-AF3L	300 A	10 1/4 in	Lenco®



## Bernard Electrode Holders

### Features:

- Model "B" large ball point screw connection
- Built to last with a proven high impact, high heat separate and easy to install replacement head
- Designed to greater improve productivity with a quick and easy installation of electrodes, eliminating total replacement
- Centerfire consumable series Contact Tips, Gas Diffusers, Nozzles, and Tapered Contact Tips are machined to the highest quality for extended service life
- Adapter Heads and Insulator Caps are available to convert indicated tools to use Centerfire consumables
- Shortstub® manual products provide quick, easy electrode installation for improved productivity

**Welding Amp @ Duty Cycle:** 400 A @ 60 %

**Used With:** Shortstub



SKU	Amps	Electrode Capacity	Length
360-40B	400 A	1/16 in - 1/4 in	8 3/4 in

## Bernard Shortstubs

### Features:

- Model "B" large ball point screw connection
- Electrode can be used to within one inch of the Shortstub's® head
- Built to last with a proven high impact, high heat separate and easy to install replacement head
- Designed to greater improve productivity with a quick and easy installation of electrodes, eliminating total replacement

**Welding Amp @ Duty Cycle:** 400 A @ 60 %



SKU	Electrode Capacity	Length
360-40SP-12	1/16 in - 1/4 in	8 3/4 in



## Manual-Arc Welding Electrode Holders



### Features:

- Fully insulated spring
- Integral grooves
- Integrated jaw pattern for multi-position electrode holding

**Cable/ Wire Size:** 2 AWG - : 1 /0 AWG

**Electrode Capacity:** 1/4 in

SKU	Amps	Welding Amp @ Duty Cycle
138-14684	400 A	400 A @ 60 %

**Cable/ Wire Size:** 3 AWG - : 2 /0 AWG

**Electrode Capacity:** 1/4 in

SKU	Amps	Welding Amp @ Duty Cycle
138-14682	300 A	300 A @ 45 %

**Body Material:** Aluminum Alloy

138-14682	300 A	300 A @ 45 %
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**Cable/ Wire Size:** 4 AWG - : 1 /0 AWG

SKU	Amps	Welding Amp @ Duty Cycle	Electrode Capacity
<b>Body Material: Aluminum Alloy</b>			
138-14683	200 A	200 A @ 45 %	5/32 in
<b>Body Material: Copper Alloy</b>			
138-14679	250 A	250 A @ 50 %	3/16 in

**Cable/ Wire Size:** 4 AWG - : 2 /0 AWG

SKU	Amps	Welding Amp @ Duty Cycle	Electrode Capacity
<b>Body Material: Copper Alloy</b>			
138-14680	300 A	300 A @ 50 %	1/4 in
138-14681	500 A	500 A @ 60 %	3/8 in



## LE AF/HT Electrode Holders



### Features:

- Upper and lower tongs are made from a high copper alloy for maximum conductivity and strength
- Top and bottom tip insulators are a molded fiberglass compound and will withstand intensive heat impact
- Handles are molded from a durable glass filled nylon material with a good heat and impact resistance
- Oval-point screw cable connection is standard on all models

SKU	Model No.	Amps	Electrode Capacity	Cable Cap.
380-01020	AF-2	200 A - 250 A	5/32 in	1/0
380-01030	AF-25	250 A - 300 A	3/16 in	2/0
380-01330	HT-25	250 A - 300 A	3/16 in	2/0
380-01040	AF-3	300 A - 350 A	1/4 in	2/0
380-01050	AF-35	350 A - 400 A	1/4 in	3/0
380-01060	AF-50	450 A - 500 A	3/8 in	4/0



## Tweco-Tite Electrode Holders

### Features:

- Features reversible top and bottom insulators
- Efficient six-position jaw patterns and fully insulated, protected springs

**Process:** Manual Arc Welding

SKU	Amps	Electrode Capacity	Cable Cap.
358-9120-1000	400 A	1/16 in - 1/4 in	Thru 3/0

## TwecoTong® Electrode Holders



### Features:

- Reversible top and bottom Insulators
- Efficient 6-position jaw patterns and fully insulated, protected springs
- Ball-point cable connection

**Body Material:** Copper Alloy

SKU	Model No.	Amps	Electrode Capacity
Ball Point - 2/0			
358-9110-1101	A-532	200 A	5/32 in
358-9110-1102	A-316	250 A	3/16 in
358-9110-1103	A-732	300 A	7/32 in
Double Ball Point - 4/0			
358-9110-1105	A-14-HD	400 A	1/4 in
358-9110-1106	A-38-HD	500 A	3/8 in



## Electrode Holder Parts



### Features:

- Fully insulated spring
- Integral grooves
- Integrated jaw pattern for multi-position electrode holding
- Upper/lower nose for Jackson Safety JH-1 and JH-2 holders
- Upper nose for AW and AWC holders

**For Model:** AW, AWC (Upper Nose); JH-1, JH-2 (Upper/Lower Nose); JH-1, JH-2; W, AW, AWC

SKU
138-14699



## Air Cooled MIG Guns



### Features:

- All Anchor Brand® MIG guns use Tweco® style front end consumables

**Welding Amp @ Duty Cycle:** 250 A @ 80 %; 280 A @ 60 %

**Rear Connection Style:** Miller®

**Amps:** 250 A

SKU	Wire Size	Cable Length
100-250153035M	0.030 - 0.035 in	15 ft



## MIG Welding Q-Guns



### Features:

- Dura-Flux Guns and Q-Guns
- Amperage ratings are at 100% duty cycle with CO2 gas
- Comfortable handle
- High-performing Centerfire contact tips are easily changed without tools
- Maximize productivity and improve your bottom line

**Used With:** Mig Guns

SKU	Amps	Cable Length	Overall Length
360-Q4015AE8EM	400 A	15 ft	10.2 in



## Q400 MIG Welding Guns

### Features:

- Q-Gun MIG guns are designed to solve problems and maximize productivity
- Lightweight, comfortable handle options
- Multiple neck options, including fixed, rotatable, and flexible necks available in a variety of different length options to improve operator comfort
- Back end with durable rigid strain relief and easy interchangeable power pins and trigger leads connect to wire feeders from most manufacturers

**Rear Connection Style:** Miller®

**Neck Type:** Rotatable; Short; 45 degrees

**Process:** MIG - GMAW

**Series:** Q-Gun



SKU	Amps	Wire Size	Cable Length
360-Q4015AB1EM	400 A	0.045 in	15 ft



## Eliminator® Style Compact MIG Guns

### Features:

- Durable metal jacketed conductor tube
- Patented, extended life consumables
- Front and rear spring strain relief and cable support

**Welding Amp @ Duty Cycle:** 450 A @ 60 %

**Cooling Method:** Air

**Rear Connection Style:** Lincoln®

**Process:** MIG - GMAW

**Handle Type:** Ergonomic



SKU	Wire Size	Cable Length
358-1048-1285	0.045 in	15 ft

## No. 1 Traditional Style MIG Guns

### Features:

- Neoprene insulated quick-change conductor tube swivels 360 degrees

**Welding Amp @ Duty Cycle:** 180 A @ 60 %

**Gas Type:** CO<sub>2</sub>

**Cooling Method:** Air

**Rear Connection Style:** Miller®

**Head Type:** Rotatable

**Process:** MIG - GMAW



SKU	Wire Size	Cable Length
358-1010-1135	0.03 in - 0.035 in	15 ft

## No. 2 Traditional Style MIG Guns

### Features:

- Industry standard
- Metal jacket conductor tube
- Enhanced direct plug capabilities

**Welding Amp @ Duty Cycle:** 200 A @ 60 %

**Gas Type:** CO<sub>2</sub>

**Cooling Method:** Air

**Process:** MIG - GMAW



SKU	Rear Connection Style	Wire Size	Cable Length
358-1020-1113	Tweco®	0.03 in - 0.035 in	15 ft
358-1020-1134	Miller®	0.03 in - 0.035 in	15 ft

## No. 3 Traditional Style MIG Guns

### Features:

- Industry standard
- Metal jacket conductor tube
- Enhanced direct plug capabilities

**Welding Amp @ Duty Cycle:** 300 A @ 60 %

**Gas Type:** CO<sub>2</sub>

**Cooling Method:** Air

**Rear Connection Style:** Miller®

**Process:** MIG - GMAW



SKU	Wire Size	Cable Length
358-1030-1136	0.035 in - 0.045 in	15 ft

## No. 4 Air Cooled MIG Guns

### Features:

- Wide selection of front end consumables available to fit the needs of the application
- Balanced to pivot at the center of the handle for ease of use in different welding positions, and thereby reduces operator fatigue
- Gun hanger located at the bottom for ease of resting gun when not in use
- Heavy-duty design for industrial application environments using special plastic composition for high impact crush-resistant handle
- Steel spring strain relief provides support to the Cablehoz® coming out the rear of the handle to minimize wire feed issues
- Mechanical connection of conductor tube and cablehoz within the handle providing excellent current path to the end of the contact tip



SKU	Amps	Rear Connection Style	Wire Size; Wire Size
358-1040-1115	400 A	Tweco®	0.045 in - 1/16 in
358-1040-1129	400 A	Miller®	0.035 in - 0.045 in



## No. 4 Traditional Style MIG Guns



### Features:

- Industry standard
- Metal jacket conductor tube
- Enhanced direct plug capabilities

**Welding Amp @ Duty Cycle:** 400 A @ 60 %

**Gas Type:** CO2

**Cooling Method:** Air

**Head Type:** Curved

**Process:** MIG - GMAW

SKU	Rear Connection Style	Wire Size	Cable Length
358-1040-1103	Tweco®	0.035 in - 0.045 in	15 ft
358-1040-1113	Tweco®	0.045 in - 1/16 in	15 ft
358-1040-1136	Miller®	0.035 in - 0.045 in	15 ft
358-1040-1137	Miller®	0.045 in - 1/16 in	15 ft
358-1040-1146	Lincoln®	0.035 in - 0.045 in	15 ft

## Spray Master 450 Air Cooled MIG Guns



### Features:

- Thick-walled, three-layer conductor tube for higher electrical conductivity, act as "heat sink"
- Heavy-duty thick-walled contact tip and diffuser increases tip life and decreases downtime with tip changes
- Balanced to pivot at the center of the handle for ease of use in different welding positions, and thereby reduces operator fatigue
- Extended trigger length to keep hand away from the arc to reduce radiated heat
- Steel spring strain relief provides support to the Cablehoz® coming out the rear of the handle to minimize wire feed issues
- Front and rear spring strain relief and cable support
- Compact, ergonomic handle design
- Durable metal jacketed conductor tube
- Patented, extended life consumables

**Rear Connection Style:** Miller®

SKU	Amps	Wire Size
358-1040-1062	450 A	0.045 in - 1/16 in

## WeldSkill® MIG Guns



### Features:

- Fiber insulated conductor tube
- Three-wire cable hose

**Gas Type:** Mixed Gases

**Cooling Method:** Air

**Rear Connection Style:** Miller®

**Process:** MIG - GMAW

SKU	Welding Amp @ Duty Cycle	Wire Size	Cable Length
358-1027-1032	250 A @ 60 %	0.045 in	15 ft
358-1047-1027	400 A @ 60 %	0.045 in	15 ft



## Anchor Brand Contact Tips



### Features:

- Meets or exceeds OEM quality and performance
- Industry part number easily recognizable

**Used With:** Anchor Brand® 250/400; Tweco® No. 2, 3, 4 Mig Guns

SKU	Style	Wire Size
100-14-35	Tweco®	0.035 in
100-14H-35	Tweco®	0.035 in
100-14-45	Tweco®	0.045 in
100-14H-45	Tweco®	0.045 in

**Used With:** M15, M25/25M, M40/40AL

SKU	Wire Size
100-000-068	0.035 in



## Arcair® Contact Tips



### Features:

- Machined from a copper alloy tubing providing a consistent and smooth inside diameter surface
- Tapered contact tip
- Use in standard welding application up to 600 amperes

**Tip I.D.:** 0.054 in

**Material:** 122 DPH Coper Alloy

SKU	Wire Size
358-16ST-45	0.045 in; 1.2 mm



## Centerfire Contact Tips



### Features:

- "Drop-In" tip with no threads means quick change after burnback, reducing down time
- Large diameter tip base and tapered seat provides better electrical conductivity and heat transfer
- Solid, concentric relationship between tip and nozzle keeps tip centered even after hard use... and abuse
- Spatter shield within nozzle protects diffuser and gives smoother, less turbulent gas flow
- Threaded nozzle holds tip fixed at 1/4" or 1/8" recess, flush, or 1/8" stick out
- Compatible with all standard air-cooled Bernard Q-Gun and S-Gun MIG Guns

SKU	Wire Size
360-T-035	0.035 in
360-TT-035	0.035 in
360-T-045	0.045 in
360-TT-045	0.045 in





## Quik Tip Contact Tips

### Features:

- Quik Tip Contact Tips are designed with threaded taper lock that increases tip life by providing excellent heat transfer and electrical conductivity

Used With: Mig Guns



SKU
360-T1045



## Eliminator® Style Contact Tips

### Features:

- Increased surface contact between contact tip/diffuser for better electrical conductivity
- Double tip life
- Twist it quarter turn clockwise
- When tip wear point is reached after use, twist it half turn counter-clockwise to expose a new wear point
- This doubles the life of the tip
- Thick-walled diffuser design acts as "heat sink" and conducts heat away from the arc source
- Increases electrical conductive surface area and thereby increases electrical conductivity



SKU	Wire Size	Tip I.D.
358-1160-1611	0.035 in	0.044 in
358-1160-1604	0.045 in	0.054 in
358-1160-1614	3/64 in	0.059 in

## Heavy Duty Contact Tips

### Features:

- For traditional & Spray Master™ guns

Tip I.D.: 0.054 in

Used With: No. 2, 3, & 4 Guns



SKU	Wire Size
358-1140-1204	0.045 in

## Standard HD Contact Tips

### Features:

- For traditional & Spray Master™ guns

Used With: MS350/450 & No. 6 Guns

SKU	Wire Size	Tip I.D.
358-1160-1104	0.045 in	0.054 in
358-1160-1106	1/16 in	0.073 in



## WeldSkill Contact Tips

### Features:

- Machined using a copper alloy tubing providing a consistent and smooth inside diameter surface
- Threaded style contact tip to ensure proper contact with a gas diffuser when installed to the MIG gun
- Easy identification - Each contact tip is marked showing Part No. and wire diameter

Tip I.D.: 0.044 in

Material: 122 DHP Copper Alloy



SKU	Overall Length
358-1140-1167	1 1/2 in



## 21 Series Nozzles

### Features:

- 1/8" recess

Used With: Anchor Brand® 135;

Tweco® Mini & No. 1 Mig Guns

Style: Tweco®

Nozzle Style: Self-Insulated, 1/8 in. Recess



SKU	Bore Size
100-21-50	1/2 in

## 22 Series Nozzles

### Features:

- Adjustable-Standard for No. 2 gun
- 3/32" projection, 1/4" recess
- Use with 32 insulator and 52 gas diffuser

Used With: Anchor Brand® 250; Tweco® No. 2 Mig Guns

Style: Tweco®

Nozzle Style: Adjustable



SKU	Bore Size
100-22-62	5/8 in

## 23 Series Nozzles

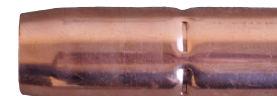
### Features:

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

Used With: Anchor Brand® 250/400;

Tweco® No. 2, 3, 4 Mig Guns

Nozzle Style: Self-Insulated, 1/8 in. Recess



SKU	Bore Size
100-23-50	1/2 in
100-23-62	5/8 in
100-23T-37	0.38 in



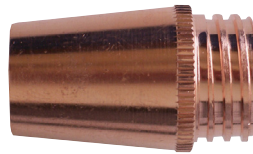
## 24 Series Nozzles

### Features:

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

**Used With:** Anchor Brand® 400; Tweco® No. 4 Mig Guns

**Style:** Tweco®



SKU	Nozzle Style	Bore Size
100-24A-62	Adjustable	5/8 in
100-24CT-62S	Coarse Thread, 1/8 in. Recess	5/8 in

## Mig Nozzles

### Features:

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

Bernard®

SKU	Bore Size	Material
100-4591	3/4 in	Copper

Miller®

SKU	Used With	Nozzle Style	Bore Size
100-169-724	M25/25M; M40/40AL	1/8 in. Tip Recess	1/2 in
100-200-258	M25/25M; M40/40AL	Flush	1/2 in



## Recessed MIG Nozzles

### Features:

- Joining two pieces of metal at an exact 90-degree angle has never been easier
- Even pieces of different thicknesses are no match for this clamp

**Used With:** M25/25M; M40/40AL

**Style:** Miller®

**Nozzle Style:** Flush



SKU	Bore Size
100-169-726	5/8 in



## Bernard Mig Nozzles

### Features:

- Easy to use and high performing
- Provide better arc starts, less spatter and more consistent welds



SKU	Bore Size	Inside Dia	Material
360-4392	12.7 mm	1/2 in	Brass
360-4391	15.9 mm	5/8 in	Brass
360-4591HD	19.1 mm	3/4 in	Copper

### Features:

- No tools required to replace tip or nozzle
- Spatter shield within nozzle protects diffuser and gives smoother, less turbulent gas flow
- Solid, concentric relationship between tip and nozzle keeps tip centered even after hard use

SKU	Inside Dia	Material
360-N-5800C	5/8 in	Copper

### Features:

- Nozzles available in threaded and slip-on styles with a variety of orifice diameters for optimal shielding gas coverage
- A quick twist is all it takes to install Quik Tip Contact Tips
- Quik Tip Contact Tips are designed with a threaded taper lock that increases tip life by providing excellent heat transfer and electrical conductivity

**Used With:** Quik Tip Series 2 Contact Tip

**Nozzle Style:** Tapered

SKU	Bore Size	Abrasive Material
360-N2C12HQ	1/2 in	Plated Copper

## Centerfire Nozzles

### Features:

- Nozzles have built-in spatter shield that smoothes and concentrates gas flow

**Used With:** Q-Gun

**Material:** Copper

SKU	#	Bore Size	Size Group
360-N-5818C	1	5/8 in	Large
360-NS-5818C	1	5/8 in	Small

**Nozzle Style:** 1/8 in. Tip Recess

**Material:** Brass

SKU	#	Inside Dia	Size Group
360-NST-3818B	2	3/8 in	Small
360-NS-5818B	2	5/8 in	Small

**Used With:** Mig Guns

SKU	#
360-NS-1218C	2

### Features:

- Nozzles allow fixed tip positioning at flush, 1/8" and 1/4" recess and 1/8" extension for consistent welds
- Nozzles fit most competitive brand guns to enhance performance and allow standardization of contact tips and nozzles for all brands

**Used With:** Large Centerfire™ Diffuser

**Abrasive Material:** Copper

SKU	#	Style	Inside Dia
360-NT-3800C	2	Flush	3/8 in





## Nozzle Assemblies

### Features:

- Features a removable nozzle cone that lowers downtime and consumable costs
- Contains an increased wall thickness and insulating material to reduce the number of changeovers caused by heat degradation

**Bore Size:** 5/8 in

**Material:** Plated Copper



SKU	Wt.
360-N1C58HQ	1 lb

## Quik Tip Nozzles

### Features:

- Nozzles are available in threaded and slip-on styles with a variety of orifice diameters for optimal shielding gas coverage

**Used With:** Mig Guns



SKU
360-N1C58Q

## Quik Tip™ Consumables Nozzles

### Features:

- Nozzles available in threaded and slip-on styles with a variety of orifice diameters for optimal shielding gas coverage
- A quick twist is all it takes to install Quik Tip Contact Tips
- Quik Tip Contact Tips are designed with a threaded taper lock that increases tip life by providing excellent heat transfer and electrical conductivity

**Nozzle Style:** Threaded Nozzle

**Abrasive Material:** Plated Copper



SKU	Used With	Bore Size
360-N1C12Q	Quik Tip Series 1 Contact Tip	1/2 in
360-N2C38HQ	Quik Tip Series 2 Contact Tip	3/8 in



## Eliminator® Style Nozzles

### Features:

- Used for higher heat applications where longer electrical stick-out is required
- Good for applications where the nozzle may touch the work piece (tack, spot, and stitch)

**Nozzle Style:** 1/8 in. Tip Recess

SKU	Bore Size
358-1260-1602	1/2 in
358-1260-1652	5/8 in



## Heavy Duty Style Nozzles

### Features:

- For Spray Master™ style guns

**Bore Size:** 5/8 in

SKU	Nozzle Style
358-1240-1201	1/8 in. Tip Recess
358-1240-1241	Heavy Duty 1/8 in. Tip Recess



## Tweco 23 Series Nozzles

### Features:

- For traditional style guns

**Used With:** No. 3 Gun (Self-Insulated)

**Nozzle Style:** Self-Insulated, 1/8 in. Tip Recess

SKU	Bore Size
358-1230-1120	5/8 in



## Tweco 24 Series Nozzles

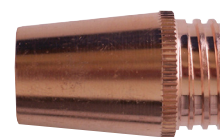
### Features:

- For traditional style guns

**Used With:** No. 4 Gun

**Nozzle Style:** Coarse Thread, 1/8 in. Tip Recess

SKU	Bore Size
358-1240-1424	5/8 in



## Nozzle Kleener® Tools

### Features:

- Engineered to remove spatter without scarring nozzle, tip or gas diffuser areas, without disassembly
- Ground and hardened to 55rc

SKU	Size Group
388-007003	5/16 in Tip; 5/8 in Nozzle
388-007004	3/8 in Tip; 5/8 in Nozzle



## MIG Flex Necks

### Features:

- Easily adjusted to fit any angle and saves time and money

**Used With:** Mig Guns

SKU	Description
360-QT-F-6	6 in Flex Neck
360-QT-F-8	8 in Flex Neck





## Q-Gun Body Tubes

**Features:**

- Hand-tightened nut
- Used With:** 300 & 400A Q-Guns



SKU	Angle
360-QT3-45	45 °



## Gas Diffusers

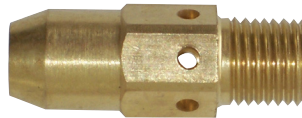
**Features:**

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

**Style:** Tweco®

**Used With:** Anchor Brand® 400; Tweco® No. 2 & 4 Mig Guns

**Material:** Brass



SKU
100-54A

## MIG Nozzle Insulators

**Features:**

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

**Style:** Standard

**Used With:** Anchor Brand® 400; Tweco® No. 4 Mig Guns



SKU	Material
100-34CT	Brass



## Bernard Gas Diffusers

**Features:**

- Centerfire consumable series Contact Tips, Gas Diffusers, Nozzles, and Tapered Contact Tips are machined to the highest quality for extended service life
- Adapter Heads and Insulator Caps are available to convert indicated tools to use Centerfire consumables
- Shortstub® manual products provide quick, easy electrode installation for improved productivity

**Style:** Large

**Used With:** Large Nozzles; Q-Gun

**Material:** Brass



SKU	Size Group
360-D-1	Large

## Centerfire Diffusers

**Features:**

- No tools required to replace tip or nozzle
- Spatter shield within nozzle protects diffuser and gives smoother, less turbulent gas flow
- Used With:** Smaller Tapered Nozzles



SKU	Size Group
360-DS-1	Small



## Eliminator® Style Diffusers

**Features:**

- Use in light to medium duty welding applications
- Constructed to ensure consistent dimensional stability
- Silicon O-ring seals against the nozzle assembly
- Style:** Slip-On Nozzle



SKU	Used With
358-1560-1110	EL250; EL350
358-1560-1114	45-3545, 45-116, 45N-3545 Conduits; EL450

## MIG Torch Gun Diffusers

**Features:**

- For traditional style guns
- Used With:** No. 2 Gun; No. 3 & 4 Nozzles



SKU
358-1520-1102

## Spray Master™ Heavy Duty Torch Gun Diffusers

**Features:**

- Field repairable cable connection
- Steel spring strain reliefs
- One-piece molded handle for high impact strength



SKU
358-1540-1136

## Standard Nozzle Insulators

**Features:**

- For use with traditional style MIG welding guns
- Improves seal



SKU	For Model
358-1340-1100	24 Series



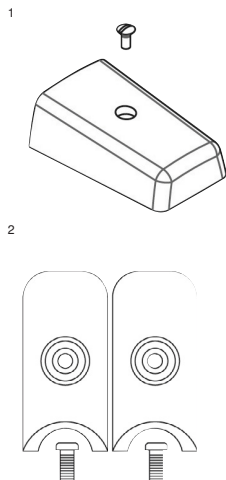


## Tweco Insulators

### Features:

- Permits lower operating temperatures to avoid overheating
- Improves nozzle seal

SKU	#	For Model
358-9443-3183	1	K4000
358-9910-2102	2	A-532



## Conduits

### Features:

- Industry part number easily recognizable
- Meets or exceeds OEM quality and performance

### Tregaskiss®

SKU	Length	Wire Size
100-415-116-25	25 ft	3/64 in - 1/16 in

### Tweco®

Used With: Anchor Brand® 400; Tweco® No. 3 & 4 Mig Guns

Wire Material: Steel

SKU	Length	Wire Size
100-44-116-25	25 ft	1/16 in
100-44-3545-15	15 ft	0.035 in - 0.045 in



## MIG Welding Liners

### Features:

- 100 Percent tested prior to shipment to ensure the smoothest wire feed in the industry

Used With: 400A Guns

SKU	Wire Size
360-44115	0.035 in - 0.045 in



## Wire Conduits

### Features:

- For all guns (Eliminator®, Traditional and Spray Master™ styles)

SKU	Length	Wire Size
358-1440-1103	15 ft	0.035 in - 0.045 in
358-1440-1105	25 ft	0.035 in - 0.045 in



## Trigger Assemblies

### Features:

- Multiple handle and trigger options to increase operator comfort

Used With: 200, 300, & 350A Guns

SKU
360-5662



## 125 Amp Air Cooled TIG Torches

### Features:

- Maintain excellent dielectric properties
- Torch heads will not crack

Amps: 125 A AC/DC

Head Type: Flex w/Valve

Material: Silicone Rubber

Includes: 1PC Rubber Power Cable; Handle; Insulator; Long Back Cap; Wrench

SKU	Cable Length
100-9FV-25-R	25 ft



## 150 Amp Air Cooled TIG Torches

### Features:

- Maintain excellent dielectric properties
- Torch heads will not crack

Material: Silicone Rubber

Includes: 1PC Rubber Power Cable; Handle; Insulator; Long Back Cap; Wrench

SKU	Head Type	Cable Length
100-17FV-12-R	Flex w/Valve	12.5 ft
100-17FV-25-R	Flex w/Valve	25 ft
100-17V-25-R	Rigid; w/Valve	25 ft





## 200 Amp Air Cooled TIG Torches

**Features:**

- Maintain excellent dielectric properties
- Torch heads will not crack

**Head Type:** Flex w/Valve

**Material:** Silicone Rubber

**Includes:** 1PC Rubber Power Cable; Handle; Insulator; Long Back Cap; Wrench



SKU	Angle	Cable Length
100-26FV-25-R	60 °	25 ft

## 250 Amp Water Cooled TIG Torches

**Features:**

- Maintain excellent dielectric properties
- Torch heads will not crack

**Head Type:** Rigid

**Cooling Method:** Water

**Material:** Silicone Rubber

**Includes:** 1PC Braided Rubber Power Cable; Braided Water & Gas Hoses; Handle; Insulator; Medium Back Cap; Torch Body



SKU	Amps	Cable Length	Angle
100-20-25-R	250 A AC/DC	25 ft	60 °

## TIG Torches

**Features:**

- Maintain excellent dielectric properties
- Torch heads will not crack

**Head Type:** Flex w/Valve

**Cooling Method:** Air

**Material:** Silicone Rubber

**Includes:** Torch Body



SKU	Amps	Handle Dia	Length
100-17FV	150 AAC/DC	31/32 in	5 1/2 in



## Crafter Series™ Torch Kits

**Features:**

- Fully assembled
- Collet Body

**Process:** TIG - GTAW

**Includes:** #8 HPN Nozzle; Cable Cover; Collet & Collet Body; Electrode; Gas & Water Hoses; Handle; Long Back Cap; Power Cable; Torch Body



SKU	Amps	Cable Length
366-CS410-25	410 A	25 ft

## TIG Torch Water Cooled Kits

**Features:**

- Patented integral double lip back cap seal
- ColorSmart™ color-coded hose sets quickly identify cold water, hot water return, power and gas

- Patented D-Handle™ design improves torch performance without increasing size

- Mechanical hose connections on the water and gas hoses eliminate the need for wire ties

**Head Type:** Angled

**Process:** TIG - GTAW

**Includes:** 25 ft Rubber Hose; Back Cap; Cable Cover; Collet; Collet & Collet Body; Collet Body; Electrode; Gas & Water Hoses; Handle; Long Back Cap; Nozzle and Tungsten; Power Cable; Torch Body



SKU	Amps	Cable Length
366-CS310-25	310 A	25 ft

## Torch Bodies

**Features:**

- Gray torch body includes 598882 insulator for Crafter Water Cooled Series 310A TIG torch

**Includes:** Cup Gasket



SKU	Used on Torch(es)	Amps
366-CS310A	CS310	310 A

**Features:**

- Ideal for intricate welding applications, especially in limited-access areas, and work well on thinner gauge materials

- Featherweight torch body is well-balanced to improve operator comfort and control

- Insulating gasket on torch body prevents gas leakage to minimize weld discontinuities

- Fingertip gas valve allows for easy gas flow adjustment

- Flexible neck bends in any direction to ease welding in difficult joints

- Flexible neck and gas valve combine to offer optimal positioning and gas flow control

**Cooling Method:** Air

**Process:** TIG-GTAW

SKU	Amps	Handle Dia	Cable Length
366-WP-24F	80 AAC/DC	3/4 in	12 ft

## Water Cooled Flexible Tig Torch Packages

**Features:**

- 30 second head change-over time

- No tools required

- Promotes increased productivity

**Head Type:** Flexible

**Process:** TIG - GTAW

**Includes:** (2) Flex Heads; Gas Hose; Rubber Power Cable; Torch Body; Water Hose



SKU	Amps	Cable Length
366-WP-225-25-R	225 AAC/DC	25 ft



## WP-17 Air Cooled Tig Torch Bodies

### Features:

- Available with rigid or flexible neck
- Without fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-26, and WP-26V models

**Process:** TIG - GTAW

**Includes:** Cup Gasket; Torch Body

SKU	Amps	Handle Dia	Angle
366-WP-17	150 AAC/DC	7/8 in	70 °



## WP-17V Air Cooled Tig Torch Bodies

### Features:

- Available with rigid or flexible neck
- With fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-26, and WP-26V models

**Process:** TIG - GTAW

**Includes:** Cup Gasket; Torch Body

SKU	Amps	Handle Dia	Angle
366-WP-17V	150 AAC/DC	7/8 in	70 °



## WP-17FV Tig Torch Bodies

### Features:

- Available with rigid or flexible neck
- With fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-26, and WP-26V models

**Head Type:** Flexible

**Cooling Method:** Air

**Process:** TIG - GTAW

**Includes:** Flex Head; Gas Valve; Torch Body

SKU	Amps	Handle Dia
366-WP-17FV	150 AAC/DC	7/8 in



## WP-17V Air Cooled Tig Torch Kits

### Features:

- Available with rigid or flexible neck
- With or without fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-26, and WP-26V models
- With or without fingertip gas control valve

**Angle:** 70 °

**Process:** TIG - GTAW

**Amps:** 150 A AC/DC

**Includes:** Gas Valve; Handle; Long Back Cap; Torch Body

SKU	Cable Length	Includes
366-WP-17V-12-R	12.5 ft	1PC Rubber Power Cable
366-WP-17V-25-2	25 ft	2PC Rubber Power Cable
366-WP-17V-25-R	25 ft	1PC Rubber Power Cable



## WP-17FV Tig Torch Kits

### Features:

- Available with rigid or flexible neck
- With fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-26, and WP-26V models

**Head Type:** Flexible

**Handle Dia:** 7/8 in

**Cooling Method:** Air

**Process:** TIG - GTAW

**Includes:** 1PC Rubber Power Cable; Flex Head; Gas Valve; Handle; Torch Body; Wrench

SKU	Amps	Cable Length
366-WP-17FV-12-R	150 AAC/DC	12.5 ft
366-WP-17FV-25-R	150 AAC/DC	25 ft



## WP-18 Water Cooled Tig Torch Kits

### Features:

- Rugged, water-cooled production torches available with or without build-in fingertip gas control valve
- WP-18P is the machine torch version
- Parts are interchangeable with WP17, WP-17V, WP-26, and WP-26V

**Angle:** 70 °

**Process:** TIG - GTAW

**Amps:** 350 A AC/DC

**Includes:** Handle; Long Back Cap; Torch Body

SKU	Cable Length	Includes
366-WP-18-25	25 ft	3PC Vinyl Power Cable
366-WP-18-25-R	25 ft	3PC Rubber Power Cable





## WP-20 Water Cooled Tig Torch Bodies



**Features:**

- Compact and well-balanced
- Efficient, around-the-head water cooling for trouble free performance and long life
- Parts are interchangeable with WP-9, WP-9P, and WP-25 models

**Process:** TIG - GTAW

**Includes:** Cup Gasket; Torch Body

SKU	Amps	Handle Dia	Angle
366-WP-20	250 A AC/DC	3/4 in	70 °

## WP-20 Water Cooled Tig Torch Kits



**Features:**

- Compact and well-balanced
- Efficient, around-the-head water cooling for trouble free performance and long life
- Parts are interchangeable with WP-9, WP-9P, and WP-25 models

**Handle Dia:** 3/4 in

**Angle:** 70 °

**Process:** TIG - GTAW

**Amps:** 250 A AC/DC

**Includes:** Handle; Medium Back Cap; Torch Body

SKU	Cable Length	Includes
366-WP-20-12	12.5 ft	Power Cable & Hoses
366-WP-20-25	25 ft	3PC Vinyl Power Cable
366-WP-20-25-R	25 ft	3PC Rubber Power Cable

## WP-225 Water Cooled Flexible Tig Torch Bodies



**Features:**

- 30 second head change-over time
- No tools required
- Promotes increased productivity

**Head Type:** Flexible

**Process:** TIG - GTAW

**Includes:** Flex Head; Torch Body

SKU	Amps
366-WP-225	225 A AC/DC

## WP-26FV Tig Torch Kits



**Features:**

- Air cooled torch body with flexible handle and gas control valve

**Head Type:** Flexible

**Cooling Method:** Air

**Process:** TIG - GTAW

**Amps:** 200 A AC/DC

**Includes:** Flex Head; Gas Valve; Torch Body

SKU	Cable Length	Includes
366-WP-26FV		Cup Gasket
366-WP-26FV-25-R	25 ft	1PC Rubber Power Cable; Handle; Wrench

## WP-26V Air Cooled Tig Torch Kits



**Features:**

- Heavy copper construction for rugged field work
- Available with rigid or flexible neck
- With or without fingertip gas control valve
- Heavy-duty two-piece power cable and ribbed handle are standard
- Parts are interchangeable with WP-18, WP-17, and WP-17V models

**Handle Dia:** 1 1/4 in

**Angle:** 70 °

**Process:** TIG - GTAW

**Includes:** 2PC Rubber Power Cable; Gas Valve; Handle; Long Back Cap; Torch Body

SKU	Amps	Cable Length
366-WP-26V-25-2	200 AAC/DC	25 ft

## WP-9FV Tig Torch Kits



**Features:**

- Quick-release tungsten adjustment
- Available with rigid or flexible neck
- With or without fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard on the WP-9V and optional on the WP-9 and WP-9P

**Includes:** Flex Head; Gas Valve; Torch Body

**Head Type:** Flexible

**Cooling Method:** Air

**Process:** TIG - GTAW

SKU	Amps	Cable Length
366-WP-9FV	125 AAC/DC	
366-WP-9FV-25-R	125 AAC/DC	25 ft

\* Includes: 1PC Rubber Power Cable; Handle; Wrench

## WP-9V Air Cooled Tig Torch Bodies



**Features:**

- Quick-release tungsten adjustment
- Available with rigid or flexible neck
- With or without fingertip gas control valve
- Heavy duty two-piece power cable and ribbed handle are standard on the WP-9V and optional on the WP-9 and WP-9P
- Parts are interchangeable with WP-20, WP-20P, and WP-25 models

**Process:** TIG - GTAW

**Includes:** Gas Valve; Torch Body

SKU	Amps	Handle Dia	Angle
366-WP-9V	125 A AC/DC	3/4 in	70 °





## Cable Adapters

### Features:

- Forged one-piece construction
- Order adapters separately if needed
- Power cable adapters are not supplied with the torch packages

**Used With:** One-Piece Air-Cooled Torch Packages; Water-Cooled Torch Packages

**Thread - TPI or Pitch:** 3/8 in - 24

**Thread Direction:** RH

**Material:** Brass



SKU	Used on Torch(es)
100-105Z57	17; 9



## WeldCraft® Back Caps

### Features:

- These medium back caps are excellent for replacing or being used on a welding set



SKU	Used on Torch(es)
366-41V35	20; 9



## Collets

### Features:

- Accessories such as collets, collet bodies, different length back caps, gas lens collet bodies and nozzles must be ordered to complete the torch package
- These accessories may be ordered in convenient accessory kits or can be ordered separately as needed.

**Material:** Copper



SKU	Used on Torch(es)	Size
100-10N25	17; 18; 26	1/8 in

## Gas Lenses

### Features:

- Gas lenses provide a more efficient stream of shielding gas to the welding process
- The gas lens virtually eliminates turbulence in the gas shielding stream as it emerges from the nozzle

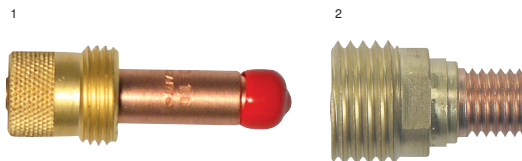
**Material:** Brass/Copper



SKU	Size Group	Used on Torch(es)	Nozzle Size	Size
100-45V26	Medium	17; 18; 26	7	3/32 in
100-45V44	Small	20; 22; 25; 9	7	3/32 in
100-45V27	Medium	17; 18; 26	8	1/8 in
100-995795	Large	17; 18; 26	8	1/8 in



## Gas Lens Collet Bodies



### Features:

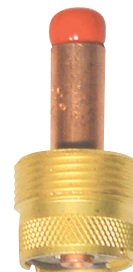
- Virtually eliminates turbulence in the gas shielding stream as it emerges from the nozzle
- Long stable stream allows the electrode to be extended farther beyond the end of the nozzle for improved visibility of the weld zone

SKU	#	Used on Torch(es)	Size
366-45V26	1	17; 18; 26	3/32 in
366-45V27	2	17; 18; 26	1/8 in
366-45V44	2	20; 22; 24; 25; 9	3/32 in
366-45V45	2	20; 22; 24; 25; 9	1/8 in

## Large Diameter Gas Lens Collet Bodies

### Features:

- Virtually eliminates turbulence in the gas shielding stream as it emerges from the nozzle
- Long stable stream allows the electrode to be extended farther beyond the end of the nozzle for improved visibility of the weld zone



SKU	Used on Torch(es)	Size
366-45V64S	20; 20P; 22; 25; 9; 9P; 9V	3/32 in
366-995795	17; 17V; 18; 18P; 26; 26V	1/8 in

## Large Diameter Gas Lens Collets

### Features:

- Accessories such as this large diameter gas lens, as well as collet bodies, different length back caps, gas lens collet bodies and nozzles must be ordered to complete the torch package



SKU	Used on Torch(es)	Size
366-10N25	18; 26	1/8 in



## TIG Cups

### Features:

- Exceptionally high impact resistance, heat resistance and thermal conductivity
- Higher heat resistance than lava nozzles
- Most popular nozzle type in TIG welding
- Resist splatter build-up. Recommended for most welding operations except for use in confined areas
- Alumina nozzles are made from high strength alumina
- Have very good electrical insulating properties

**Nozzle Size:** 10

**Orifice:** 5/8 in

**Material:** Alumina



SKU	Used on Torch(es)	Length
100-53N88	12; 17; 18; 20; 22; 25; 26; 27; 9	1 7/8 in



## Alumina Gas Lens Nozzles

### Features:

- High impact resistance, heat resistance and thermal conductivity, and resist splatter buildup
- Used on Torch(es):** 17; 18; 20; 26; 27; 9



SKU	Nozzle Size	Orifice
366-57N74L	8	1/2 in
366-53N88	10	5/8 in

## Alumina Nozzles

### Features:

- High impact resistance, heat resistance and thermal conductivity, and resist splatter buildup
- Orifice:** 5/16 in



SKU	Used on Torch(es)
366-13N09	17; 18; 20; 22; 26; 9



## Tig Power Cables

### Features:

- One-piece power cable
- Used With:** Air-Cooled Torch Packages  
**Material:** Rubber



SKU	Used on Torch(es)	Wt.
100-57Y03-R	17; 9	2.11 lb

## Tungsten

### Features:

- A nonradioactive substitute for 2% thoriated tungsten, providing similar performance
- Similar characteristics to Ceriated tungsten



SKU	Dia.	Length	Material
100-1/16X7L1.5	1/16 in	7 in	1.5% Lanthanated
100-3/32X7L1.5	3/32 in	7 in	1.5% Lanthanated
100-1/8X7L1.5	1/8 in	7 in	1.5% Lanthanated

### Features:

- AC
- Generally used in the welding of aluminum or magnesium
- Good arc starting stability when used with AC
- Tip forms clean balled end

SKU	Dia.	Length	Material
100-1/16X7PG	1/16 in	7 in	Pure Ground
100-3/32X7PG	3/32 in	7 in	Pure Ground
100-1/8X7PG	1/8 in	7 in	Pure Ground
100-5/32X7PG	5/32 in	7 in	Pure Ground

### Features:

- AC, typically used for welding with higher AC currents on nonferrous metals, also used for high speed welding
- Long lasting
- Different electrical characteristics than Thoriated
- Very similar to Thoriated but Ceriated is not a radioactive material
- Easy to run at low or high temperatures
- Stable arc

SKU	Dia.	Length	Material
100-1/16X7C2	1/16 in	7 in	2% Ceria Ground
100-3/32X7C2	3/32 in	7 in	2% Ceria Ground
100-3/32X7ZG	3/32 in	7 in	Zirconiated Ground
100-1/8X7C2	1/8 in	7 in	2% Ceria Ground
100-1/8X7ZG	1/8 in	7 in	Zirconiated Ground

### Features:

- AC/DC
- Easy to run at low or high temperatures
- Stable arc
- Works best on stainless

SKU	Dia.	Length	Material
100-1/16X7E3	1/16 in	7 in	2% Thoria Ground
100-3/32X7E3	3/32 in	7 in	2% Thoria Ground
100-1/8X7E3	1/8 in	7 in	2% Thoria Ground

### Features:

- Low work function
- High load amperage capability

SKU	Test & Approvals	Dia.	Height
100-1/16X7T2G	AWS A5.12	1/16 in	7 in
100-3/32X7T2G	AWS A5.12	3/32 in	7 in
100-1/8X7T2G	AWS A5.12	1/8 in	7 in
100-5/32X7T2G	AWS A5.12	5/32 in	7 in



## WeldCraft® Tig Power Cables

- Features:**
- Quality you can depend on



SKU	Used on Torch(es)
Air Cooled	
366-46V30R	26; 26F; 26FV; 26V
366-57Y01R	150; 150V; 17; 17F; 17V; 9; 9F; 9P; 9V
366-57Y03R	150; 150V; 17; 17F; 17V; 9; 9F; 9P; 9V
Crafter Series	
366-CS310-25PC	CS310
Water Cooled	
366-45V04	20; 20P; 20V; 24W; 25; MT-125; SF-225
366-45V04R	20; 20P; 20V; 24W; 25; MT-125; SF-225

## WeldCraft® Water Hoses

- Features:**
- Designed with high quality components
  - Satisfaction guaranteed

SKU	Used on Torch(es)
366-CS310-25W	CS310; CS410



## Alloy 26 Tig Tungsten Electrodes

- Features:**
- All position
  - Alloy 26 features a precise combination of core wire and coating, providing high speed deposition of dense, machinable welds
  - Good corrosion resistance
  - Good electrical conductivity
  - Machinable
  - Tensile strength up to 34,000 psi

SKU	Dia.
348-0002660	1/8 in



## Tungsten Holders

- Features:**
- Provides convenient pocket clip for portability
  - Can hold four different sizes at the same time: 1/16", 3/32", 1/8" and 3/16"

**Material:** Anodized Aluminum  
**Used With:** All Sizes of Tungsten

SKU	Length
100-RW1400	4 1/2 in (closed)



## TurboTorch® STK-99 Torch Swirls

- Features:**
- Self lighting
  - Consistent target temperatures
  - Instantaneous working temperatures
  - Extreme Swirl Technology (burns hotter and cleaner)

SKU	Gas Type
341-0386-0851	MAPP®; Propane



## TX504 Torch Swirls

- Features:**
- Convenient self-lighting triggers
  - Quick disconnect couplings between handle and tips

SKU	Gas Type
341-0386-1293	MAPP®; Propane



## Victor Torches & Leads

- Features:**
- Precision engineered
  - ATC (Advanced Torch Connector) with quick disconnect option

SKU
365-7-5204



## Thermal Dynamics® Shield Caps

- Features:**
- Designed for use with 1Torch® manual plasma torches
  - OEM consumable

SKU	Used With
365-9-8236	SL 100; SL 60



## Thermal Dynamics® Shield Cups

- Features:**
- Designed for use with 1Torch® manual plasma torches
  - OEM consumable

SKU
365-9-8218

- Features:**
- MaximumLife®

SKU
365-9-8237





## Thermal Dynamics® Gas Distributors

- Features:**
- Designed for use with plasma cutting torch
  - OEM replacement part



SKU	For Unit
365-CS92240	M200

## 1Torch™ Electrodes

- Features:**
- Designed for use with 1Torch® RPT torches
  - OEM consumable



SKU	For Unit	Amps
365-9-8215	SL100; SL60	30 A - 120 A

## Thermal Dynamics® Electrodes

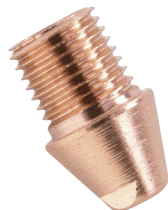
- Features:**
- Designed for welding
  - OEM consumable



SKU	For Unit
365-CS82007	Ultima 150; WC-100B

## Thermal Dynamics® Plasma Tips

Used With: SL100; SL60



SKU	Features
365-9-8208	<ul style="list-style-type: none"> <li>• OEM consumable</li> <li>• Designed for use with 1Torch® manual plasma torches</li> </ul>

**Material:** Oxygen-free Copper #1100, Tellurium Copper

**Used With:** PWH3A plasma welding torch

SKU	Features	Orifice
365-CS91811	<ul style="list-style-type: none"> <li>• 130-amp</li> <li>• Extended tip</li> </ul>	0.093 in

## Start Cartridges

- Features:**
- Designed for use with 1Torch® RPT torches
  - OEM consumable



SKU	Used With
365-9-8213	SL 100; SL 60

## Cutmaster™ True™ Series 52 Plasma Cutting Systems

- Features:**
- Auto pilot restart, ATC® torch quick disconnect, and automatic voltage selection
  - The microprocessor controlled front panel LED's assure extreme operator confidence and error free
  - TRUE GUARD™ a rugged roll bar for added durability
- Cutting Amp @ Duty Cycle:** 50 A @ 100 %; 55 A @ 60 %; 60 A @ 40 %
- Includes:** SL60™ 75° Hand Torch, 20 ft Lead



SKU	Cutting Cap.	Voltage	Depth	Wt.
365-1-5130-1	1 1/8 in	208 V; 230 V - 460 V	24 in	43 lb

## Cutmaster™ True™ Series 82 Plasma Cutting Systems

- Features:**
- Auto pilot restart, ATC® torch quick disconnect, and automatic voltage selection
  - The microprocessor controlled front panel LED's assure extreme operator confidence and error free
  - TRUE GUARD™ a rugged roll bar for added durability
- Cutting Amp @ Duty Cycle:** 55 A @ 100 %; 65 A @ 60 %; 80 A @ 40 %
- Includes:** SL60 Hand Torch



SKU	Amps	Cutting Cap.	Voltage
365-1-1130-1	20 A - 80 A	1 1/2 in	208 V; 230 V - 460 V

## MOTOR GUARD CORPORATION

### Compressed Air Filters

- Features:**
- Cleaner, faster, smoother plasma cutting with ultra-clean air
  - Prolongs the life of expensive plasma gun tips
- Pressure [Max]:** 125 psi
- Used With:** Plasma Machines



SKU	Max. Flow @ Pressure	Pipe Size
396-M-26	2,700 SCFH @ 80 psi	1/4 in (NPT)
396-M-26-KIT*	2,700 SCFH @ 80 psi	1/4 in (NPT)
396-M-60	6,000 SCFH @ 80 psi	1/2 in (NPT)

- Features:**
- Removes oil aerosols, condensed moisture and particulates
- Pressure [Max]:** 100 psi

SKU	Max. Flow @ Pressure	Pipe Size
396-DD1008-2	1,200 SCFH @ 80 psi	1/4 in (NPT)

\*Includes: (2) Replacement Elements; Filter; Mounting Hardware



## MOTOR GUARD CORPORATION

### Filter Elements

**Features:**

- Sub-micronic filter element
- Removes to .01 microns



SKU	Used With
396-M-723	M30; M60

## GOSS® PROFESSIONAL TORCH EQUIPMENT

### BlazeBurner Propane Torches

**Features:**

- Flame adjustment valve
- POL excess flow check valve and "B" connection

**Includes:** 10 ft. Hose

**Working Cap.:** 500,000 Btu



SKU	Includes
328-KP-320A	AP-20 Torch; MP-1 Lighter
328-KP-320MA	AP-20M Torch; Piezo Electric Ignitor Tip

### Pro-Flame® Torches

**Features:**

- Can be used for weed burning, drying, heating, melting and other applications requiring large volumes of outdoor heat
- Blue-Jet Torch w/Cast Iron Burner

**Gas Type:** Propane

**Includes:** BP-10 Tip

**Working Cap.:** 500,000 Btu



SKU	Length
328-AP-14	27 in



### Red Dragon Roofing Torch Kits

**Features:**

- Performs stand up work with ease and is noted for durability and efficiency on the job
- The torch provides excellent balance and flame control
- Individually flame tested before leaving the factory
- Made in the U.S.A

**Gas Type:** Propane

**Inlet Size:** 1/4 in (NPT)

**Includes:** Field Torch; Fitting; Flints; Gas Hose; Pipe Thread Sealant; Pressure Gauge; Regulator; Spark Lighter; Torch Stand



SKU	Output Power	Operating Pressure	Handle Length	Hose Length
631-RT2-1/2-20C	400,000 Btu/h	5 psi - 90 psi	23 in	25 ft

### Red Dragon Vapor Torch Kits



**Gas Type:** Propane

**Inlet Size:** 1/4 in (NPT)

**Hose Length:** 10 ft

**Includes:** Fitting; Needle Valve; Pipe Thread Sealant; Vapor Torch

**Hose Material:** Rubber

**Features:**

- Torch head is 2 1/2" in diameter and is useful when a large burner would prove awkward, such as branding iron forge

**Operating Pressure:** 5 psi - 90 psi

**Includes:** Gas Hose; Spark Lighter

SKU	Output Power	Handle Length	Length
631-VT2-1/2-30C	400,000 Btu/h	28 in	33 in

**Hose Material:** Thermoplastic

**Features:**

- Shorter handle, thermoplastic rubber hose and a lower price needle valve

**Operating Pressure:** 5 psi - 90 psi

**Includes:** Hose

SKU	Output Power	Handle Length	Length
631-VT2-1/2-24CE	500,000 Btu/h	23 in	27 1/2 in

### The "Original" Red Dragon Torch Kit



**Features:**

- Simple, lightweight, easy to use and very effective
- Perfect for farm, home, industry and construction
- Made in the U.S.A

**Gas Type:** Propane

**Inlet Size:** 1/4 in (NPT)

**Hose Length:** 10 ft

**Hose Material:** Rubber

**Includes:** Fitting; Gas Hose; Needle Valve; Pipe Thread Sealant; Spark Lighter; Vapor Torch

SKU	Output Power	Operating Pressure	Handle Length
631-VT3-30C	500,000 Btu/h	5 psi - 90 psi	28 in



## Hotspotter All Purpose Propane Torches



### Features:

- Flame tools are for exterior maintenance and repair
- Hotspotter is an all-purpose propane torch that delivers at full cylinder pressure with no smoke and no fumes
- Ergonomic handle with adjustable trigger
- Hooks up to standard 20 lb. propane tank

**Gas Type:** Propane

**Hose Material:** Neoprene

**Includes:** Brass Flow Control Shut-Off Valve; Brass Propane Tank Adaptor; Hose; Spark Ignitor

Heavy-Duty

**Includes:** Cast Iron & Steel Nozzle

SKU	Output Power	Handle Length	Hose Length
312-WB-101	500,000 Btu/h	31 in	10 ft

Standard Duty

**Includes:** Welding Tube Nozzle

SKU	Output Power	Handle Length	Hose Length
312-WB-102	500,000 Btu/h	31 in	10 ft

## Hotspotter All Purpose Propane Torches w/Push Button Ignitor



### Features:

- Flame tools are for exterior maintenance and repair
- Ergonomic handle with adjustable trigger
- Push button igniter for fast and safe lighting
- Hooks up to standard 20 lb. propane tank

**Hose Material:** Neoprene

**Style:** Professional

**Includes:** Hose w/P.O.L. & Excess Flow Check Valve; Nozzle; Wrenches

SKU	Output Power	Handle Length	Hose Length
312-WB-100	500,000 Btu/h	31 in	10 ft

## Hotspotter Replacement Parts



### Features:

- Flame tools are for exterior maintenance and repair
- Hotspotter is an all-purpose propane torch that delivers at full cylinder pressure with no smoke and no fumes
- Ergonomic handle with adjustable trigger
- Push button igniter for fast and safe lighting
- Hooks up to standard 20 lb. propane tank

SKU	Length
312-WB-100-25	10 ft



## Basic Propane Torches



### Features:

- Stainless steel burn tube and brass tip for durability

- Adjustable flame control

**Process:** Heating; Soldering

### Features:

- Ergonomically designed comfort grip
- Regulated to operate in all directions

SKU	Gas Type	Body Material
189-JT680	Propane	Brass
189-TS3000T	Propane	ABS (Acrylonitrile-Butadiene-Styrene)
189-UL2317	Propane	Brass

SKU	Gas Type
189-TS1500T	Propane

## Multi-Application MAPP® Torches

### Features:

- Adjusting knob for optimal gas consumption and heat output
- Replaceable brass tip
- Pressure regulated to operate in all directions
- Cast aluminum body and stainless steel burntube for durability

**Gas Type:** MAPP® (Methyl Acetylene-Propadiene)

**Process:** Brazing; Heating; Melting; Soldering; Sweating



SKU	Flame Type
189-TS4000T	Swirl Action
189-TS7000T	Swirl Action
189-TS839T	Swirl Action

**Gas Type:** Propane

SKU	Operating Temp.
189-ts8000BT	3,600 °F

## Trigger Start Micro Torches

### Features:

- Micro flame butane torch for light, detailed work

- Trigger start for ease of use

- Refillable for convenience

**Flame Type:** Swirl Action

**Includes:** Electrical Soldering Tip



SKU	Gas Type
189-ST2200T	Butane

## BERNZOMATIC®

### Trigger-Start Hose Torches



**Features:**

- Instant on/off trigger igniter for simple one-handed operation
- Adjustable flame control knob for ease in switching between different applications
- Solid brass regulator is pressure-regulated to burn in any direction
- Stainless steel burn tube constructed for durability and built to last
- Lock button keeps torch lit for finger-free use

**Gas Type:** Butane

**Flame Type:** Swirl Action

**Includes:** Fat Boy Fuel Holster

SKU	Hose Length	Height
189-BZ8250HT	5 ft	13.7 in

## GOSS®

PROFESSIONAL TORCH EQUIPMENT

### Instant Ignition Trigger Torch

**Features:**

- Very hot turbine flame with adjustable valve
- Lights with the squeeze of a button
- Replacement tip end
- Cylinders Sold Separately

**Process:** Silver Brazing 1/4 - 1-1/4 in; Soft Solder 1/4 - 2-1/2 in



SKU	Gas Type
328-GP-600	FG2; MAPP; Propane

## SMITH EQUIPMENT

Premium Products Built for a Lifetime

### Quickbraze® Brazing Torches

**Features:**

- Brazes solenoid and expansion valves so quickly that heat is unable to transfer to internal parts, protecting them from damage and eliminating the need for messy and costly heat sink materials
- Twin flame tips solder coil return bends quickly and evenly
- Revolutionary patented "C" style tips provide 100% flame wrap for fast, efficient and even heating
- "C" style tips also assure even heat on the blind side of the braze joint

**Gas Type:** Oxygen/Fuel

**Includes:** Instruction Manual

**Fuel Type:** Oxygen/Acetylene

**Material:** Aluminum; Brass; Copper

**Used on Torch Handle:** 11-1116



SKU	Inlet Type	Welding Range [Max]
635-23-5005A	"A & B"	1 5/8 ft

### The Little Torch™ Brazing Torches

**Features:**

- It produces a perfectly controlled, completely stable flame hot enough to melt commercially weldable metals, glass and even ceramics
- May also be used with special heating tips to melt gold or silver

**Gas Type:** Oxygen; All; Oxygen/Fuel

**Includes:** #3-7 curved tips; 8 ft (2.4 m) hoses; Includes 11-1101C torch; Instruction manual

**Material:** Aluminum; Brass; Copper

**Used With:** 30-100-540 Oxygen; 30-15-300 Acetylene

**Used on Torch Handle:** 11-1101C Torch



SKU	Inlet Type	Welding Range [Max]
635-23-1001D	"B" Hose	7/8 in

## BERNZOMATIC®

### Basic Propane Torch Kits

**Features:**

- Produces 1/2" wide pencil flame for light work

**Gas Type:** Propane

**Process:** Heating; Soldering

**Includes:** 14.1 oz Propane Cylinder; 650 Utility Flame Head; 810 Flame Spreader; Molded Plastic Case; Replacement Flints; TX405 Sparker; UL2317 Torch Head



SKU	Body Material
189-UL125	Brass

**Features:**

- Stainless steel burn tube and brass tip for durability
- Adjustable flame control

**Includes:** 14.1 oz Propane Cylinder; TS1500T Torch Head

SKU	Body Material
189-TS1500KC	ABS (Acrylonitrile-Butadiene-Styrene)

**Features:**

- Ergonomically designed comfort grip
- Regulated to operate in all directions
- Stainless steel burn tube and brass tip for durability
- Adjustable flame control

**Includes:** 14.1 oz Propane Cylinder; UL2317 Torch Head

SKU	Body Material
189-UL100	Brass

**Features:**

- Ergonomically designed comfort grip
- Regulated to operate in all directions
- Stainless steel burn tube and brass tip for durability
- Adjustable flame control

**Includes:** 16.92 oz. Propane Cylinder; TS3000T Torch Head

SKU
189-TS3000KC

## BERNZOMATIC®

### SureFire™ Self Igniting Torch Kits

**Features:**

- High intensity, larger flame tip
- Instant on/off ignition for ease of use and 1 handed operation
- Large solid brass knob for easy variable flame control
- Cast aluminum body construction for safety and durability

**Gas Type:** MAPP

**Flame Type:** Ultra Swirl

**Process:** Silver Solder 1/4 - 2 in;

Copper Tubing 1/4 - 6 in

**Includes:** Cylinder; Torch



SKU	Capacity Vol.	Run Time
189-TS8000BZKCSM	16 oz	120 min



### Anti-Spatter

**Features:**

- Provides protection to M.I.G gun nozzles, contact tips, accessories and all welding zones during single and multi-pass welding
- Reduces spatter build-up on M.I.G. Nozzles, prevents spatter adhesion
- Heat-resistant to withstand high temperature use
- Paint compatible
- Contains no silicones, no fluorocarbons

**Physical Form:** Liquid



SKU	Capacity Vol.	Chemical Compound
100-620-16OZ	16 oz	Solvent-Based
100-630-16OZ	16 oz	Water-Based

### Nozzle Dip Gels

**Features:**

- Protects M.I.G. gun nozzles and tips, positioners and fixtures
- Safe, non-toxic, no silicones
- Non-Flammable
- Contains no hydrocarbon solvents
- Unbreakable container

**Physical Form:** Gel

**Odor/Scent:** Odorless



SKU	Capacity Vol.
100-NOZZLE-DIP-16OZ	16 oz

### Zinc Based Primer

**Features:**

- 95% Pure Zinc
- Corrosion resistant
- Fast drying
- Rust proof

SKU	Capacity Vol.	Height	Width
100-SPRAY-GALV-13OZ	13 oz	604 mm	211 mm

CANTESCO CORPORATION

### Premium Antispatter Compounds

**Features:**

- Premium quality water based anti-spatter compound that provides a thin, uniform protective coating on MIG nozzle, tips, fixtures and materials during the weld process
- Prevents spatter build-up in welding application on all type of materials

SKU	Capacity Vol.
437-ES-DR	55 gal

### DYNAFLUX, INC.

### Anti-Spatter 200

**Features:**

- Non-flammable
- Provides weld prep protection on parts to be stored
- Requires little cleaning prior to painting when applied properly
- Silicone Free
- Liquid may be applied by brush or roller
- Provides protection to MIG gun nozzles, contact tips, accessories and all weld zones during single and multi-pass welding

**Color:** Clear

**Odor/Scent:** Solvent



SKU	Capacity Wt.
368-DF200-16	16 oz

### Enviro-Spat Water Based Anti-Spatter

**Features:**

- A superior non-solvent alternative anti-spatter designed to weld through wet
- Contains no chlorinated solvents, fluorocarbons, silicones or hydrocarbon compounds
- Easily removed with water rinse
- Paint compatible-recommended for water based paints
- Prevents weld spatter from adhering to MIG nozzles, contact tips and related accessories

**Odor/Scent:** Odorless



SKU	Capacity Wt.
368-DF400-16	16 oz



## DYNAFLUX, INC.

### Nozzle Gels

**Features:**

- Provides excellent protection against weld spatter build-up on Mig gun nozzles, contact tips, positioners, stud welding chucks and electrode holders on all automatic and semi-automatic welding apparatus
- Will not cause porosity

**Fill Amount:** 16 oz

**Chemical Compound:** Petrolatum

**Color:** Blue

**Odor/Scent:** Odorless

**Applicable Materials:** Contact Tips; Electrode Holders; Mig Gun Nozzles; Positioners; Stud Welding Chucks



SKU	Capacity Vol.
368-DF731-16	16 oz

### Ultra Brand HTR120 Solution

**Features:**

- Quickly, safely and economically removes heat tint and discoloration from weld heat effected zones
- Most commonly used on stainless steel and aluminum although it is effective on other metal surfaces as well

**Used With:** HTR-120 Electro-Chemical Heat Tint Remover Machine



SKU	Capacity Vol.
368-HTR120-4X1	1 gal

## LOCTITE

### Loctite SF 7900 Ceramic Shield for Welding

**Features:**

- Ceramic dry film protective coating for MIG/MAG welding processes
- This product protects contact tips and welding nozzles by preventing adhesion of welding spatter
- Ceramic, silicone-free protective coating
- Spray coating dries within seconds
- Protects contact tips, welding nozzles and jigs

**Chemical Compound:** Boron Nitride

**Color:** White

**Odor/Scent:** Mild



SKU	Capacity Vol.
442-1616692	9 1/2 oz



### Welder's Powdered Anti-Spatter

**Features:**

- Easy clean up, prevents spatter from sticking to metal surfaces during welding

SKU	Capacity Wt.
425-S00541	16 oz



### Arctic Kool Anti-Spatter

**Features:**

- Reduce spatter build-up and increase parts life
- Biodegradable, paintable, non-flammable, non-silicone and contains rust retardant

**Chemical Compound:** Water-Based

SKU	Capacity Vol.
388-007028	55 gal

### Lube-Matic® Combo-Paks

**Features:**

- Cleans wire and reduce burnback 50%
- Pre-treated with Lube Matic® liquid
- Lubrication allows smooth feeding of wires with poor cast, helix, rust and long feed liners

**Includes:** (1) Black Lube Pad;

(1) Red Wire Kleener Pad



SKU
388-007062

### Lube-Matic® Liquid

**Features:**

- Helps feed all mild steel, fabricated, and core wires
- Cuts rust and reduces wire drag 60%
- Great for longer distance feed

**Color:** Clear

SKU	Capacity Vol.
388-007040	5 oz





## Lube-Matic® Lube and Wire Kleener® Pads



### Features:

- Pre-treated with Lube Matic® liquid
  - Lubrication allows smooth feeding of wires with poor cast, helix, rust and long feed liners
- Color:** Black

SKU
388-007060

## Lube-Matic® Wire Kleener® Pads

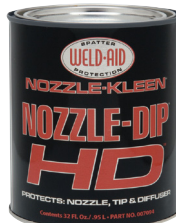


### Features:

- Cleans wire and reduce burnback 50%
- Color:** Red

SKU
388-007061

## Nozzle Dip Gel® Heavy Duty Anti-Spatter



### Features:

- Excellent cooling properties for longer tip and nozzle life
- Can dip hot or cold, gel will not migrate into liner
- Non flashing, biodegradable, paintable and non-toxic

**Physical Form:** Gel  
**Color:** Amber-Clear

SKU	Capacity Vol.
388-007094	1 qt

## Nozzle-Kleen #2® Anti-Spatter



### Features:

- Solvent-based, paintable, and non-flammable
- Protects nozzles, diffusers, and tips
- Smoke and odor free

**Physical Form:** Liquid  
**Color:** Clear

SKU	Capacity Vol.
388-007022	16 oz

## Nozzle-Kleen® Heavy Duty Anti-Spatter

### Features:

- Outstanding fixture protection
- Excellent for stainless steel
- Non-flammable, paintable, no fluorocarbons and ozone friendly

**Physical Form:** Liquid  
**Color:** Clear



SKU	Capacity Vol.
388-007020	16 oz

## Weld-Kleen® 350 Anti-Spatter

### Features:

- Economical and safe
- Biodegradable, non-toxic & paintable
- Can be frozen

**Physical Form:** Liquid  
**Color:** Red



SKU	Capacity Vol.	Wt.
388-007088	13.64 oz	0.16 lb
388-007089	1 qt	2.01 lb
388-007090	1 gal	9.1 lb
388-007091	5 gal	45 lb
388-007092	55 gal	410 lb

## Weld-Kleen® Heavy Duty Anti-Spatter

### Features:

- Solvent-based, paintable, and non-flammable
- Protects fixtures, parts, and clamps
- Smoke and odor free

**Physical Form:** Liquid  
**Color:** Clear



SKU	Capacity Vol.
388-007030	20 oz



## Nozzle Gel Spat-R-Pruf® Compound 101

### Features:

- Outperforms petroleum based nozzle dips 10 to 1
- Compound 101 is not a petroleum product and will not smoke, drip, catch on fire, plug the liner or gas diffuser
- Can also be used for fusion welding, robotic cleaning stations, plasma cutter tips and cups, jigs, fixtures, clamps, tools and work surfaces
- Pourable, pintable and water soluble



SKU	Capacity Vol.
390-101	16 oz



### Spat-R-Pruf® Compound 106

**Features:**

- Formulated for ferrous metals and is rated the most efficient by an independent testing laboratory
- It provides a tenacious coating that can be dipped, sprayed, or brushed and will help inhibit oxidation
- No further application of compound 106 is necessary, it can be removed with denatured alcohol
- Works great for protecting jigs, fixtures, clamps, and work surfaces from spatter



SKU	Capacity Vol.
390-106-1	1 gal

### Spat-R-Pruf® Compound 107A

**Features:**

- No Methylene Chloride, non-toxic, silicon free
- Spatter protection for nozzles and work surfaces
- Bio-degradable and environmentally safe



SKU	Capacity Vol.
390-107A	11 oz



### Cool Gel® Cool Gel Heat Barrier Sprays

**Features:**

- Helps prevent heat damage to components and surrounding materials during soldering, brazing and welding
- Protects painted and finished surfaces from discoloration due to adjacent torch operations
- Unique gelled formula sticks to surfaces without dripping or running off
- Clear, non-staining gel leaves no residue eliminating clean-up
- Safe, non-toxic, harmless to skin and odorless
- Reduces danger of fire to surrounding surfaces such as rubber and plastic seals and gaskets

**Color:** Clear

**Odor/Scent:** Odorless

**Resistance:** Heat

**Applicable Materials:** Aluminum; Copper; Plastic; Rubber; Steel



SKU	Capacity Wt.
434-11509	32 oz



### Anti-Heat® Heat Absorbing Compound

**Features:**

- Creates a barrier
- Non-toxic
- Harmless to the skin
- Asbestos free and odorless
- Adheres to horizontal, vertical and overhead surfaces
- Unique heat-barrier compound that eliminates heat damage and discoloration on most metals
- Prevents buckling, cracking, or warping of thinner gauge materials due to heat

**Physical Form:** Paste



SKU	Capacity Vol.
719-AHTB	12 oz

### DYNAFLUX, INC.

### Heat Tint Removal Accessories

**Features:**

- Spoon applicator replacement boots for HTR121S Machines
- Includes:** (6) Boots



SKU
368-HTR120-3

### Heat Tint Removal Systems

**Features:**

- Cleans and passivates in one easy step and polishing
  - Quickly and economically removes heat tint discoloration from welded heat-affected zones on stainless steel in TIG welding applications
- Includes:** (6) Applicator Boots; 16 oz. Solution; Spoon Applicator
- Material:** Stainless Steel
- Phase:** Single
- Voltage:** 115 VAC



SKU	Height	Length	Width
368-HTR121S	9 in	10 in	8 1/4 in



## Copper Alloy Ground Clamps

### Features:

- Strong gripping power, large contact area assures positive grounding
- High copper alloy assuring excellent current carrying ability
- Zinc plated
- Nut and bolt with support

**Material:** Yellow Brass



SKU	Style	Amps	Length
100-AB-300L	Lenco®	300 A	7 in
100-AB-GC300T	Tweco	300 A	8 1/4 in

## Steel Ground Clamps

### Features:

- Zinc plated
- Nut and bolt with support

**Style:** Lenco®

**Material:** Galvanized Steel



SKU	Amps	Length
100-AB-EG500L	500 A	9 1/2 in



## Jackson Ground Clamps

### Features:

- Large contact areas, high-clamping pressure and long-levered handles for easy jaw opening
- Clamps have fully insulated pivots and springs
- The cable jacket is held securely inside the conductor body with a cable bar for improved holding ability and longer cable life



SKU	Model No.	Amps	Jaw Opening
138-14730	GC-2	200 A	1 1/4 in
138-14731	GC-3	300 A	1 5/8 in
138-14732	GC-5	500 A	2 in



## Economy Ground Clamps

### Features:

- Reduces energy costs
- Extends cable life
- Allows ground location to be easily changed

**Connection Type:** Bolt & Nut w/Support

**Material:** Steel



SKU	Model No.	Amps	Jaw Opening	Wt.
380-02040	EG-300	300 A	2 in	11 oz
380-02050	EG-500	500 A	2 in	22 oz

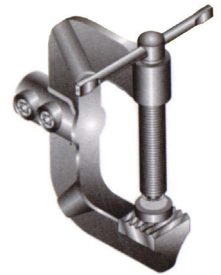
## G Ground Clamps

### Features:

- Reduce voltage drop

**Connection Type:** Two Oval-Point Screws

**Throat Depth:** 2 1/2 in



SKU	Amps	Jaw Opening	Cable Cap.
380-02060	600 A	3 3/8 in	3/0 - 4/0

## Insulated Spring Clamps

### Features:

- Tough brass hinge pin is durable and allows both jaws to carry current
- Enclosed heavy duty spring assures a powerful bite on the work
- Insulation on top and bottom jaws provides extended spring life

**Connection Type:** Mechanical Oval-Point Screw

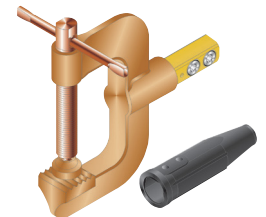


SKU	Model No.	Amps	Jaw Opening	Cable Cap.
380-02021	LPG-300	300 A	1 1/2 in	1/0 - 2/0

## MIG-300/MIG-600 Ground Clamps

### Features:

- Designed especially for the MIG welding process
  - Powerful bite and swivel pad allow for low resistance ground connections
  - The 5/16" copper coated steel "T" handle makes it easy to apply maximum pressure
- Connection Type:** Two Oval-Point Screws  
**Jaw Opening:** 2 in  
**Throat Depth:** 2 1/8 in



SKU	Amps	Cable Cap.
380-02070	600 A	3/0 - 4/0

## Quality Ground Clamps

### Features:

- Tough brass hinge pin is durable and allows both jaws to carry current
- Enclosed heavy duty spring assures a powerful bite on the work
- Insulation on top and bottom jaws provides extended spring life

**Connection Type:** Mechanical Oval-Point Screw



SKU	Amps	Jaw Opening	Cable Cap.
380-02020	300 A	1 1/2 in	1/0 - 2/0





### On/Off Magnetic Ground Clamps

**Features:**

- Easily attaches to flat or round surfaces
- Quick and easy connect and disconnect
- Stays clean



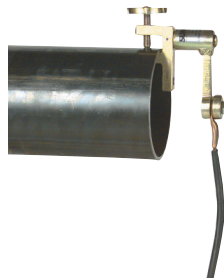
SKU	Amps
474-8100315	300 A
474-8100316	600 A
474-8100340	200 A



### Rotary Ground Clamps

**Features:**

- Rotary head turns with the pipe—puts an end to ground lead twist, tangle and wear
- Provides quick, positive ground for roll-out welding of pipe and fittings—eliminates weld pinholes caused by poor grounding
- Makes up ground leads three ways—lug, clamp-on and bare cable



SKU
432-780435



### Heavy Duty Rotary Ground Devices

**Features:**

- Tweco Roto-Ground is a highly efficient device for grounding weldments while being rotated on turning rolls or positioners
- The 2" shaft shoulders up to a steel nut which the user welds to his rotating work or fixture
- No brushes, springs or mercury
- A simple tension adjusting bolt provides maximum efficiency



SKU	Amps	Cable Cap.
358-9250-1114	400 A	1 - 4/0



### Tweco® Ground Clamps



**Features:**

- Designed primarily to work in conjunction with the Tweco Roto-Ground device
- May also be used for other high amperage grounding applications
- Clamp is quickly attached or moved from one rotating weldment or fixture to the other without removing the Roto-Ground from it
- Saves welding downtime

**Throat Depth:** 1 3/8 in

**Jaw Opening:** 2 1/2 in

SKU	Amps	Cable Cap.
358-9210-1150	500 A	1/2 in Cap Screw
358-9210-1202	600 A	Tweco Male Plug

**Throat Depth:** 1 3/4 in

**Jaw Opening:**

2 in

**Jaw Material:**

Copper

SKU	Amps	Cable Cap.
358-9205-1230	300 A	1/2 in Stud Connection
358-9205-1250	500 A	1/2 in Stud Connection

**Throat Depth:** 3 in

**Jaw**

**Opening:** 1 in

**Jaw**

**Material:** Copper

SKU	Amps	Cable Cap.
358-9205-1120	200 A	Ball Point - 1/0

**Throat Depth:** 4 in

**Jaw**

**Opening:** 1 1/2 in

**Jaw**

**Material:** Copper

SKU	Model No.	Amps	Cable Cap.
358-9205-1130	GC-300	300 A	Ball Point - 3/0

**Throat Depth:** 5 1/4 in

**Jaw**

**Opening:** 2 in

**Jaw**

**Material:** Copper

SKU	Model No.	Amps	Cable Cap.
358-9205-1150	GC-500	500 A	Ball Point - 4/0

SKU	Amps	Cable Cap.
358-9250-1144	1,500 A	4/0



## Roto Ground Clamps

**Features:**

- Highly efficient device for grounding weldments while being rotated on turning rolls or positioners
- The 2-in shaft shoulders up to a steel nut which the user welds to his rotating work or fixture
- A simple tension adjusting bolt provides maximum efficiency



SKU	Amps	Cable Cap.
358-9210-1314	400 A	4/0



## Cable Connectors

**Features:**

- Cam action design allows lock in with a twist and pulls two halves tightly together
- Covers designed to resist heat, cold, abrasion, ozone and oil solvents, specially compound to be flame retardant

**Connection Type:** Male/Female

**Material:** Brass; Rubber

**Includes:** Allen Wrench; Copper Ferrule

**Used With:** Electrode Holder



SKU	Cable Cap.
100-AB-LC10L	4 - 1
100-AB-LC40L	1/0 - 3/0

## Dinse Euro Connectors

**Features:**

- Simple and safe
- Just plug-in and tighten by a short, strong turn for a positive stop lock action and maximum conductivity

**Connection Type:** Male Half

**Material:** Brass; Rubber

**Used With:** Electrode Holder



SKU	Cable Cap.
100-SK95-B	2/0 - 3/0



## Hammer-On Lugs

**Features:**

- Simple as driving a nail to attach
- No soldering, no bolting, no set screws, no crimping tools required
- Twice as heavy as most crimp-type connectors
- Same conductivity as the cable they connect



SKU	Cable Cap.	Hole Size	I.D. Solder Socket
360-L11	3/0 & 4/0	21/32 in	5/8 in
360-L22	1/0 & 2/0	17/32 in	33/64 in

## Hammer-On Splicers

**Features:**

- No soldering, no bolting, no set screws and no crimping tools required
- Twice as heavy as most crimp-type connectors

**Material:** Copper

**Used on Torch(es):** Manual Products



SKU	Cable/Wire Size	I.D. Solder Socket
360-S11	3 /0 AWG; 4 /0 AWG	5/8 in
360-S22	1 /0 AWG; 2 /0 AWG	33/64 in



## Cam-Lok™ F-Series Single Pole Plugs

**Features:**

- Double cam principle provides vibration-proof connection
- No moving contact surfaces—eliminating arcing or burning
- Locked contact will withstand a pulling force of 1000 lbs
- Water-tight elastomeric insulator

**Color:** Black

**Style:** Cam Style; Single Pole

**Connection Type:** Female

SKU	Amps	Cable Cap.
627-E1012-8387	315 A	#2 - 4/0

## Cooper Cable Connectors

**Features:**

- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Accepts a wide range of cable sizes

**Material:** Brass

SKU	Color
627-E1010-62	Black
627-E1012-63	Red
627-E1012-64	Black
627-E1012-66	Black
627-E1012-71	Brass
627-E1016-8362	Black



## JACKSON<sup>®</sup>

### Insulated Cable Lugs



**Features:**

- Cable lugs give you completely insulated welding machine terminal connections, plus quick connect convenience

SKU
138-14746

### Quik-Trik<sup>®</sup> Cable Connectors



**Features:**

- Camlock & Locking Bar draw together for virtually unbreakable connection
- Form-fitted rubber jacket insulator protects against moisture, oil and dirt
- Large dome-nose screw for high-conductivity connection

**Connection Type:** Single Dome-Nose

SKU	Cable/Wire Size
138-14733	1 /0 AWG - 2 /0 AWG
138-14737	1 /0 AWG - 2 /0 AWG
138-14739	1 /0 AWG - 2 /0 AWG
138-14734	3 /0 AWG - 4 /0 AWG



### Cable Lugs

**Features:**

- Made from copper tubing
- Extra long barrels for easy soldering or attaching by the swedg-on process
- Stud holes made especially for welding machines with plenty of clearance
- Flared ends make it easy to insert the cable in the lug

**Material:** Copper



SKU	Cable Cap.	Hole Size	Barrel I.D.
380-07020	1/0 - 2/0	17/32 in	0.495 in
380-07030	3/0 - 4/0	17/32 in	0.62 in

### Connector Terminals

**Features:**

- Add on cable
- Take off cable
- Change polarity

**Style:** Angle

**Used With:** LC-40, LC-40HD Male



SKU	Hole Size
380-08030	17/32 in

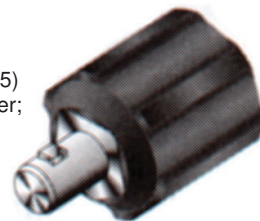
### International DINSE Type Machine Plug Adapters

**Features:**

- Interchangeable with M.K. Product (042-465)

**Includes:** (1) 05330 Black One Piece Adapter;

(1) 05331 Red One Piece Adapter



SKU
380-05335

### Lenco Cable Connectors

**Features:**

- Cam action design of male half connector pulls the two halves together
- Connector covers are molded from a special heat and cold resistant material
- Covers have no metal liner to rust or corrode
- Metal parts are precision machined with heavy specially shaped brass extrusion

**Color:** Black



SKU	Connection Type	Amps	Cable Cap.
380-05040	Single Oval-Point Screw	250 A	4 - 1/0
380-05050	Single Oval-Point Screw	350 A	1/0 - 2/0
380-05053	Single Oval-Point Screw	350 A	1/0 - 2/0
380-05060	Double Oval-Point Screw	500 A	3/0 - 4/0



### Terminal Connectors

**Features:**

- Helps improve cutting performance
- OEM quality

**Used With:** 2-MPC, 4-MPC Male Ends



SKU	Hole Size	Angle
358-9510-1110	17/32 in	45 °

### Tweco<sup>®</sup> Cable Connectors

**Features:**

- Provides a positive cam action which optimizes interface between connector halves
- Equipped with heat and oil resistant covers
- Interchangeable with older Tweco MBP connectors



SKU	Connection Type	Cable Cap.
358-9425-1100	Single Ball-Point	1; 2; 4
358-9425-1200	Single Ball-Point	1/0; 2/0; 3/0
358-9425-1210	Single Ball-Point	1/0; 2/0; 3/0
358-9425-1220	Single Ball-Point	1/0; 2/0; 3/0
358-9425-1400	Double Ball-Point	3/0 or 4/0
358-9425-1410	Double Ball-Point	3/0 or 4/0



## TwecoLugs® Crimp/Solder Lugs

**Features:**

- For use with manual arc welding equipment
  - OEM quality
- Hole Size:** 17/32 in



SKU	Amps	Cable Cap.	I.D. Solder Socket
358-9520-1104	150 A	6 thru 2	0.461 in
358-9520-1105	225 A	1/0 - 2/0	0.559 in
358-9520-1107	250 A	3/0 & 4/0	0.66 in

## WeldSkill® Cable Connectors

**Features:**

- Weldskill™ positive-cam mechanical cable connector



SKU	Cable Cap.
358-9425-1225	1/0; 2/0; 3/0



## Cable Covers

**Features:**

- Tabs secure the cover to the cable assembly

**Applications:** TIG

Zytol™

**Features:**

- Non-conductive zipper with an overlap flap protects the zipper from weld splatter
- Special "snug-straps" serve as a cinching mechanism at both ends of the cable cover

**Closure Type:** Zipper

**Material:** Black Nylon

**Applications:** MIG

**Resistance:** Abrasion; Chemical; Tear; Ultraviolet Light

SKU	Width	Length	Size Group	Temp. Range
100-CC-3-22	3 in	22 ft	Small	2,100 °F

**Features:**

- Sewn with Kevlar®

**Closure Type:** Snap

**Material:** Leather

**Resistance:** Heat

SKU	Size Group	Temp. Range
100-2038CC	Small	200 °F



## TIG Cable Covers

**Features:**

- Kevlar® stitching prevents wear and tear due to heat
- Durable select shoulder split cowhide

**Closure Type:** Snap

**Material:** Leather

**Applications:** MIG

**Resistance:** Heat



SKU	Width	Length	Size Group	Temp. Range
100-Q-19	4 in	22 ft	Large	1,000 °F



## WeldCraft® Cable Covers

**Features:**

- Protect and bundle together cables with this durable nylon cover

**Used on Torch(es):** All Except 27, 12

**Material:** Woven Nylon; Zipper Woven



SKU
366-WC-3-22

## CONTOUR® Centering Heads

**Features:**

- Head is fitted with an adjustable dial bubble protractor and a manually operated hardened centering pin

**Head Type:** Y

SKU	Pipe Cap.	Head Width
430-14775	1/2 in	4 in
430-14776	1 in	8 in



## Centering Head Tools

**Features:**

- Designed to establish and mark a centerline at any angle around the circumference (inside or outside) on a pipe or tank
- Use it as a protractor level, or remove and use the hardened center punch for other marking jobs
- Magnetic

SKU	Pipe Cap.
496-53025-M	1 1/2 in - 12 in
496-53076-M	3 in - 48 in







## Pipe Magician's Cases

### Features:

• A person who works with pipe needs the finest tools available and a way to protect them when not in use

**Includes:** (1) Flange Wizard Tools Catalog; (1) Pipe Flange Aligner #38240-T; (1) Pocket Pro Level #PP-200; (1) Small Wizard Wrap #WW-16; (1) Standard Magnetic Centering Head #53076-M; Case; Vial Repair Kit #5102



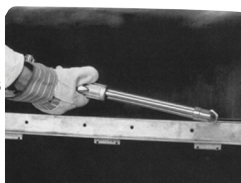
SKU
496-8905

## CONTOUR<sup>®</sup>

### Burning Guides

#### Features:

- Use with a burning torch or straight edge
- Base has three 30-pound pull cast-in magnets
- Withstands heat and spatter



SKU	Blade Length
430-14791	24 in

## Wrap-A-Rounds

### Features:

- Feature metric scale and pitch chart
- Resists heat and cold



SKU	Width	Length	Pipe Cap.	Color
Desired Length				
430-14758				Black
430-14759				Black
Large				
430-14753	3.88 in	6 ft	3 in - 10 in	Black
430-14764	3.88 in	6 ft	3 in - 10 in	Gray
Medium				
430-14752	3.88 in	4 ft	3 in - 6 in	Black
430-14763	3.88 in	4 ft	3 in - 6 in	Gray
X-Large				
430-14754	5 in	7 ft	4 in - 12 in	Black
430-14756	5 in	9 ft	6 in - 16 in	Black
430-14766	5 in	7 ft	4 in - 12 in	Gray
430-14767	5 in	9 ft	6 in - 16 in	Gray



## Circle Wiz Cutting Attachments

### Features:

- For use with conventional torches to cut small to medium holes
- Made with a universal brass bushing to adapt to any size or make of cutting torch, for larger circles buy the Chariot Cutting Guide 24219

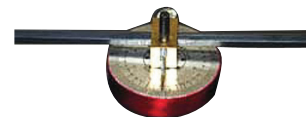


SKU	Cutting Diam
496-CW-300	5/8 in - 12 in

## Magnetic Circle Layout & Burning Guides

### Features:

- As a circle layout tool with sliding soapstone holder and 360 degree scale on the magnetic base
- Will cut circles up to 30" in diameter
- As a circle burning guide use this same tool to cut a round plate



SKU	Cutting Diam
496-28439	30 in

## Magnetic Support Blocks

### Features:

- Wider rails on the magnets to increase overall holding surface for each block
- Blocks are now slotted on 3 sides to allow versatility in use
- Stronger magnets



SKU	Includes
496-3-28	(3) Blocks

## Magnetic Torch Guides

### Features:

- For straight or bevel cutting
- Has stronger and more heat resistant adjustable holding blocks
- Blocks can be positioned any place along the stainless cutting rail to accommodate any cutting job

**Includes:** (2) Adjustable Holding Blocks



SKU	Length
496-23040	24 in



## Multi-Purpose "Chariot Cutting Guides"

### Features:

- Will assist you in cutting straight, irregular shapes, and holes



SKU	Cutting Diam
496-24219	5/8 in - 39 in

## Plasma Cutting Guides

### Features:

- Straight cuts
- Cuts holes
- Chamfer edges
- Has wheels for stability

**Includes:** Plasma Bushing

**Used on Torch(es):** Plasma Only



SKU	Cutting Diam	Bushing Size
496-PG-601-1.007	5/8 in - 36 in	1.007 in

## Wizard Burning Guide Kits

### Features:

- Assortment of burning guide and accessory tools in sturdy lockable case w/snapping latches to protect tools when not in use

**Includes:** Chariot Cutting Guide #24219; Current Catalog; Magnetic Base w/Straight Pin #3105; Magnetic Blocks #3-23; Plastic Case; Torch Tip Standoff #70501; Vial Repair Kit #5102



SKU
496-8910

## Wizard Wraps

### Features:

- Wizard wrap, made from a non-asbestos, heat resistant material, has a nice thick edge for easier more accurate marking and helps keep your soapstone from slipping
- 36" tape measure printed on the medium & large Wizard-limits the need for an extra tape measure
- Circumference & Quartering scale printed on every wrap-limits the need for calculation

**Case Material:** Corrugated Tube



SKU	Width	Length	Pipe Cap.
496-WW-16	2 5/8 in	30 in	1 in - 6 in
496-WW-17	3 7/8 in	60 in	2 in - 16 in
496-WW-17A	5 1/4 in	120 in	6 in - 30 in
496-WW-19	7 in	180 in	12 in - 48 in



## Pipe Template Sets

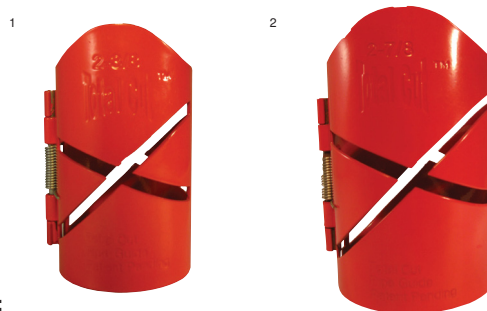
### Features:

- Complete wrap around template with instructions imprinted
- Made from durable material for lasting use

SKU	Width	Length	Height
628-0001	9 1/4 in	14 1/2 in	1/4 in
628-0002	3 1/2 in	3 1/2 in	10 1/2 in
628-0012	4 1/4 in	4 1/4 in	23 1/4 in

## Spring Creek™ Products

## Saddle Marking Guides



### Features:

- Helps you mark saddle, 45, 90 and 22 1/2 degree cuts on pipe or metal tubing

SKU	#	Width	Length	Height
499-47023	1	2.88 in	2.38 in	4 1/2 in
499-47024	2	3 1/2 in	2.88 in	5 in



## CGA Cylinders

### Features:

- Manufactured by leading American cylinder producers
- Cylinder's are valved and ready to use, meets D.O.T regulations

**Gas Type:** Inert Gas

**Inlet Connection:** CGA 580

SKU	Capacity Vol.	Wt.
100-40X-580	40 cu ft	25.52 lb



## Cylinder Caps

### Features:

- Outstanding quality of threads permit easy and quick installation and removal

SKU	Height	Thread - TPI or Pitch	Wt.
<b>Used With: Acetylene Cylinders</b>			
100-A-11	6 in	3 1/2 in - 11	2.2 lb
<b>Used With: High Pressure Cylinders</b>			
100-HP-11	6 in	3 1/8 in - 11	2.15 lb



## BERNZOMATIC®

### Disposable Butane Cylinders

**Features:**

- Ideal for light or detailed soldering
- For use with BernzOmatic® Micro Torches

**Gas Type:** Butane

**Used With:** Micro and Mini-Torches

**For Model:** ST200; ST2200; ST250

SKU	Capacity Vol.
189-1764293	5 1/2 oz



## GOSS®

PROFESSIONAL TORCH EQUIPMENT

### Disposable Cylinders

**Features:**

- Cylinder contains propylene

**Gas Type:** MAPP

**Material:** Steel

SKU	Capacity Vol.
328-QLM-PRO	16 oz



## NORRIS CYLINDER

### Norris Caps

**Features:**

- OEM quality
  - Replacement Part
- Gas Type:** High Pressure

SKU
486-60-820-0001

## WESTERN

a Scott Fetzer company  
GAS CONTROL TECHNOLOGY

### OxyTOTE "All In One" Portable Oxygen System Regulators

**Features:**

- Regulator and cylinder valve combined into one unit
- User can initiate flow in one easy step
- Compact design with all brass body
- Maximum rated inlet pressure 3000 psi
- Filtration throughout for maximum safety
- Integral reseating relief valve protects against over-pressurization
- Protective shroud ensures safety and lasting performance

**Flow Range:** 1/2, 1, 2, 3, 4, 6, 8, 10, 15, 25 (SLPM)

**Used With:** Aluminum Cylinders

SKU	Wt.
312-MTR-500	1 1/2 lb



## WORTHINGTON CYLINDERS

A Worthington Industries Company

### Map-Pro Hand Torch Cylinders

**Features:**

- Ideal for medium to heavy soldering and brazing
- Flame temperature in air is 3600 degrees F

**Gas Type:** Propane

SKU	Height	Length	Width
870-332477	10.64 in	2.94 in	2.94 in



### TX 9 Propane Cylinders

**Features:**

- Ideal for general soldering
- Flame temperature in air is 3450 degrees F

**Gas Type:** Propane

SKU	Height	Length	Width
870-304182	10.64 in	2.94 in	2.94 in



### Worthington Cylinders Cylinders

**Features:**

- Used for portable cooking, propane-fueled appliances, temporary heating and more
- Equipped with an Overfill Prevention Device (OPD) for safety
- Rust inhibiting Durabond™ powder coat paint
- Empty tank must be filled or exchanged
- User-friendly/comfortable hand-holds in the collar for easy lifting

**Material:** Steel

SKU	Capacity Wt.	Wt.
870-A200145WC1	20 lb	18.43 lb



## ANCHOR BRAND

PURE QUALITY. PURE VALUE. SINCE 1963.

### Anchor Brand MIG Welding Pliers

**Features:**

- A single pair which serves eight purposes for mig welding
- Saves time and increases productivity
- Ideally suited for the removal of spatter from inside, outside and the nozzle-end
- Perfect for removal and installation of contact tips and nozzles
- Spring loaded for easy opening and closing

**Material:** Carbon Steel

SKU	Length
100-AB-50	8 1/4 in





## Leather Holsters

**Features:**

- Genuine leather holster, keeps Welper safe and handy

**Material:** Leather

**For Model:** AB-50 Pliers



SKU	Length
100-AB-50-HOLSTER	9 1/2 in

## Welding Pliers

**Features:**

- Specialty multi-purpose tool designed specifically for CO2 welding operations
- A single pair which serves eight purposes for mig welding
- Saves time and increases productivity
- Designed for hammering, wire cutting, insulation bushing removal & installation and drawing out wire
- Ideally suited for the removal of spatter from inside, outside and the nozzle-end
- Perfect for removal and installation of contact tips and nozzles
- Spring loaded for easy opening and closing

**Material:** Carbon Steel

**Used With:** Mig Guns



SKU	Length
100-YS-50	8 1/4 in



**PHOENIX**  
INTERNATIONAL

## Heating Element Kit For DryRod® Flux Ovens

**Features:**

- Heating element kit designed for use with DryRod® Flux Ovens
  - Durable replacement heating element
- Used With:** DryRod Flux Ovens

SKU	Height	Voltage
382-1257144	6 in	240 V; 480 V

## Heating Element Kit For dryWIRE® FCW Ovens

**Features:**

- Heating element kit designed for use with dryWIRE® FCW Ovens

**Used With:** dryWIRE® FCW Ovens

**Includes:** Includes two heating elements.

SKU	Voltage
382-1257090	240 V; 480 V

## Lid Assembly Kit for DryRod® II Portable Oven Rods

**Features:**

- Lid assembly kit designed for use with DryRod® II Portable Rod Ovens
  - Durable replacement lid assembly kit
- Used With:** DryRod® II Portable Rod Ovens



SKU	Height	Voltage
382-1257220	3 in	120 V; 240 V

## Repair Parts - Door Mounting Thermometer Kit

**Features:**

- Indicates internal temperature of the oven
  - comes factory-calibrated
  - can be factory or field-installed
- Used With:** Type 300; Type 900 and dryWIRE 24 Ovens



SKU	Temp. Range
382-1250300	100 °F - 550 °F

## Repair Parts - Heating Element Kits

**Features:**

- Keeps electrode oven operating at top performance level
  - Tubular metal sheet twin heating elements are easily accessed for replacement
- Used With:** DryRod Type 300 Oven

SKU	Voltage
382-1250500	120 V





### Repair Parts - Locking Power Cords

- Features:**
- Locks into base of oven for a secure fit
  - cord not hard-wired for easy replacement
- Used With:** DryRod Portable Ovens

SKU	Voltage
382-1257540	120 V

### Repair Parts - Thermostat Kits

- Features:**
- Keeps electrode oven operating at top performance level
  - Thermostat easily adjusts between temperatures
- Used With:** DryRod Type 300 and 900 Ovens

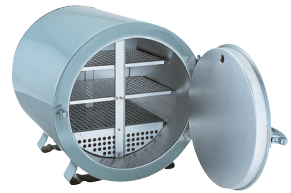
SKU	Voltage
382-1251200	0.5 V

### Repair Parts- Thermostat Kits

- Features:**
- Keeps electrode oven operating at top performance level
  - Thermostat easily adjusts between temperatures
- Used With:** DryRod Type 300 Oven

SKU	Voltage
382-1251100	0.5 V

### DryRod® Bench/Floor Shop Electrode Ovens



- Features:**
- Circular shape heats interior evenly as natural air currents direct moisture toward door vents
  - Tubular metal sheathed twin heating elements provide consistent heat and easy maintenance access
  - Adjustable thermostatic control
  - Aluminized steel shelving prevents corrosion and can be removed for increased bulk storage
  - Two inch glass fiber batt insulation minimizes heat loss
- Voltage Type:** AC  
**Phase:** Single  
**Cord Length:** 10 ft

**Capacity Wt.:** 400 lb  
**Chamber Size:** 18 in Dia. x 19 in Depth  
**Insulation Thickness:** 2 in  
**Includes:** Optional Thermometer

- Features:**
- Single action door latch opens easily, closes positively and can be padlocked

SKU	Input Voltage	Wt.
382-1200100	0.5 VAC	105 lb
382-1200200	0.5 VAC	105 lb

- Features:**
- Stacking feet allow ovens to bolt securely on top of each other to maximize space usage

SKU	Input Voltage	Wt.
382-1200202	0.5 VAC	105 lb

SKU	Digital Thermometer	Cord Type	Wt.
382-1200201	No	10 ft grounded HD cord	115 lb

**Capacity Wt.:** 150 lb  
**Size Electrode Handled:** 18 in  
**Chamber Size:** 14 in Dia. x 19 3/4 in Depth  
**Insulation Thickness:** 1 1/2 in

SKU	Digital Thermometer	Input Voltage	Material	Wt.
382-1205531	Yes	0.5 VAC	Steel	74 1/2 lb
382-1205533	No	0.5 VAC	Steel	74 1/2 lb



## DryRod® Flux Holding & Rebaking Ovens with Adjustable Thermostatic Control

### Features:

- Provides moisture-free storage of bulk flux
- Sloping bottom provides gravity flow dispensing through gate valve at bottom
- Top loading with weatherproof lid
- Adjustable thermostatic control

**Capacity Wt.:** 600 lb

**Chamber Size:** 6.5 Cu Ft

**Insulation Thickness:** 2 in

**Voltage:** 480 V

**Phase:** Three

**Watts:** 3 kW



SKU	Temp. Range	Height	Dia.	Wt.
382-1200604	100 °F - 450 °F	43 1/2 in	40 in	365 lb

## DryRod® High Temperature Electrode Rebaking Ovens

### Features:

- Adjustable thermostatic control
- Aluminized steel shelving prevents corrosion and fits 50 lb can
- Circular shape heats interior evenly as natural air currents direct moisture toward door vents
- Factory installed door-mounted thermometer available
- Higher temperature capacity to allow for rebaking of electrodes
- Tubular metal sheathed twin heating elements provide consistent heat and easy maintenance access
- Two inch fiberglass batt insulation minimizes heat loss

**Size Electrode Handled:** 18 in

**Chamber Size:** 18 in Dia. x 19 in Depth

**Insulation Thickness:** 2 in

**Voltage Type:** AC

**Phase:** Single

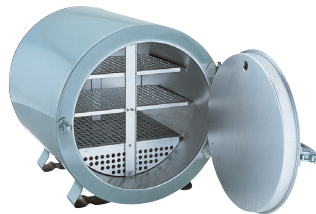
**Digital Thermometer:** No

**Cord Length:** 10 ft

**Voltage:** 0.5 VAC

**Watts:** 1,500 W

**Height:** 22 1/2 in



SKU	Capacity Wt.	Temp. Range	Wt.
382-1200160	400 lb	120 °F - 660 °F	105 lb

## DryRod® Portable Electrode Ovens

### Features:

- Removable locking cord allows easy replacement
- Spring latch tightly secures an insulated lid for maximum efficiency

**Size Electrode Handled:** 18 in

**Insulation Thickness:** 1 1/2 in

**Phase:** Single

**Cord Length:** 10 ft

**Material:** Steel



### Features:

- Adjustable thermostat and voltage selector switch
- Heavy duty, industrial strength wheels and pull handle provide easy transport
- Indicator light signifies "power on" condition
- Wire wrapped heating elements provide uniform, continuous heat to oven chamber for 100% protection of electrodes



SKU	Digital Thermometer	Voltage	Height	Wt.
<b>Chamber Size: 14 in Dia. x 19 3/4 in Depth</b>				
<b>Capacity Wt.: 150 lb</b>				
382-1205530	Yes	0.5 VAC	28 in	80 lb
382-1205532	No	0.5 VAC	28 in	80 lb
<b>Chamber Size: 8 in Dia. x 19 3/4 in Depth</b>				
<b>Capacity Wt.: 50 lb</b>				
382-1205520	Yes	120 V; 240 V	27 in	46 1/2 lb
382-1205522	No	0.5 VAC	27 in	46 1/2 lb

### Features:

- Adjustable thermostatic control
- Indicator light signifies "power on" condition
- Dual volt heating elements provide uniform, continuous heat to oven chamber for 100% protection of electrodes
- Rod elevator easily extracts rods from chamber

SKU	Digital Thermometer	Voltage	Height	Wt.
<b>Chamber Size: 3 7/8 in Dia. x 19 3/4 in Depth</b>				
<b>Capacity Wt.: 20 lb</b>				
382-1205512	No	120 V; 240 V	23 in	19 lb
<b>Chamber Size: 8 in Dia. x 19 3/4 in Depth</b>				
<b>Capacity Wt.: 50 lb</b>				
382-1205521	Yes	0.5 VAC	24 in	40 1/2 lb
382-1205523	Yes	0.5 VAC	24 in	40 1/2 lb

### Features:

- Adjustable thermostat and voltage selector switch
- Indicator light signifies "power on" condition
- Dual volt heating elements provide uniform, continuous heat to oven chamber for 100% protection of electrodes
- Rod elevator easily extracts rods from chamber

SKU	Digital Thermometer	Voltage	Height	Wt.
<b>Chamber Size: 3 7/8 in Dia. x 19 3/4 in Depth</b>				
<b>Capacity Wt.: 20 lb</b>				
382-1205510	Yes	120 V; 240 V	23 in	19 lb

### Features:

- Rod elevator easily extracts rods from chamber
- Dual volt heating elements provide uniform, continuous heat to oven chamber for 100% protection of electrodes

SKU	Voltage	Height	Wt.
<b>Chamber Size: 2 7/8 in Dia. x 19 3/4 in Depth</b>			
<b>Capacity Wt.: 10 lb</b>			
382-1205500	100 V; 240 V	23 in	13 lb



**dryWIRE® Flux Cored Wire Ovens**

- Features:**
- Adjustable thermostatic control
  - Adjustable shelving accommodates multiple spool sizes of Flux Cored Wire
  - Factory installed door-mounted thermometer available
  - Provides moisture-free storage for flux-cored wire
  - Temperature range allows for storage/reconditioning, pre and post heat, drying and aging applications
- Chamber Size:** 14.5 in x 17 in x 18 in  
**Insulation Thickness:** 2 in  
**Phase:** Single  
**Cord Length:** 10 ft



SKU	Temp. Range	Width	Depth	Height
382-1205438	100 °F - 550 °F	23 3/4 in	23 3/4 in	25 in



**Anchor 75 Rod Bags**

- Features:**
- Belt loop
  - Double leather bottom
  - Sewn and riveted
- Material:** Side Split Cowhide  
**Resistance:** Abrasion; Heat



SKU	Capacity Wt.
101-75	5 lb



**Safetube® Rod Containers**

- Features:**
- Protects electrodes from dirt and moisture
  - Cap requires only a quarter turn for removal
  - Pressure fitted O-ring maintains a watertight seal
  - Ruler provides on-site measurement
  - Optional carry strap provides easy carrying capability
  - Additional uses include boating, camping and tool storage
- Size Electrode Handled:** 14 in



MADE IN THE U.S.A.

SKU	Temp. Range	Width	Height	Length
382-1205441	250 °F	3.8 in	15 in	3.8 in



**Lincoln Electrodes® Canisters**

- Features:**
- Holds up to 10lbs of either 12in or 14in electrodes
  - Withstands temperatures up to 225 degrees Farenheight



SKU	Size Electrode Handled	Capacity Wt	Temp. Range
384-LE-100-24	12 in - 14 in	10 lb	225 °F

**Polyethylene Cannisters**

- Features:**
- Designed specifically for electrodes
- Capacity Wt:** 10 lb



SKU	Size Electrode Handled	Temp. Range	Color
384-RG-100-24	12 in - 14 in	225 °F	Blue
384-RG-200-24	18 in	225 °F	Blue
384-RG-300-12	36 in	225 °F	Blue

- Features:**
- Holds up to 10 lbs of 12 in or 14 in electrodes

SKU	Size Electrode Handled	Temp. Range	Color
384-SM-100-48	14 in	225 °F	Black



**Lightnin' Bug® Torch Lighters**



- Features:**
- Long Life: The amazing new energy generator used in lightnin' bug never needs flints, batteries or charging
  - Easy and accurate ignition insured by multi-spark discharge: 5 times or more per squeeze
  - Withstands severe working conditions
  - Zinc plated body resists rust and corrosion
  - Ignites almost all industrial fuel gases, such as, oxy-acetylene, natural gas, propane, methane, MAPP, propylene, etc

SKU	Quantity
100-LIGHTNINBUG	10 per box

**Single-Flint Lighter**



- Features:**
- Dependable ignition

SKU
100-AB-3001



## Triple-Flint Lighter

### Features:

- Durable strong frame



SKU
100-AB-4501



## Flints

### Features:

- Guaranteed to fit perfectly on Shurlite® lighters
- Guaranteed to remain seated in the flint holder
- Larger size for longer life

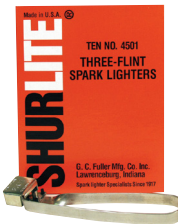


SKU	Quantity
322-3001X	200 per box
322-3011X	5 per card
322-5003X	1 per card
322-5012X	4 per card

## Spark Lighters

### Features:

- It is constructed with a heavy duty steel band with three flints attached
- Triple-flint lighter is a quality lighter made for the demands of the welding industry
- It has a strong frame and with three large flints for dependable ignition under all working conditions



SKU	Quantity
322-5011	1 per card

### Features:

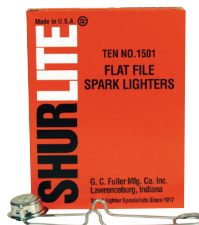
- It features a new look, with it's square hood wrapped around the frame
- This rugged design provides more durability than ever before
- Under the hood is the round file which spins, and always assures a fresh spark



SKU	Quantity
322-3011	1 per card

### Features:

- It is constructed using a round cup design, and allows the user to replace the flint when necessary, with our renewal flint
- Triple-flint lighter is a quality lighter made for the demands of the welding industry
- It has a strong frame and with three large flints for dependable ignition under all working conditions



SKU	Quantity
322-3001	10 per box
322-3001B	100 per carton
322-4501	10 per box
322-4501B	100 per box
322-5021*	1 per card
322-710	1 per card

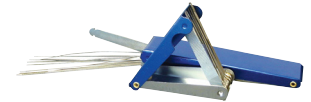
\* Includes: 4 Renewals



## Tip Cleaners

### Features:

- Aluminum case
- Material: Spring Steel
- Includes: (13) Standard Size Cleaners



SKU	Length	Quantity
100-AB-STC	3 in	1,000 per case

## Tip Drill Sets

### Features:

- 12 high carbon steel drills, sizes 74 through 52 inclusive contained in each set
- Chuck holds all sizes
- Material: Carbon Steel



SKU	Diam	Quantity
100-TD-3	0.0225 in - 0.0635 in	12 per set



## King Tool Tip Drills

### Features:

- For cleaning welding tips and a variety of other fuel orifices and injectors
- Drills store neatly in pin vise handle
- Made in USA



SKU	Size Group	Includes
422-KTDC	52-74	(12) Drills



## Tip Cleaner Kits

### Features:

- Uniform ridges wipe and polish the orifice wall
- Tapered ends allows smooth easy entry without scratching
- Attractive aluminum case with a contained spool assembly
- Smooth leader pilot
- Tangle-free closed loops
- Material: Stainless Steel
- Includes: File



SKU	Size Group	Includes
326-KING	6 - 26	(13) X-Long Cleaners
326-MASTER	6 - 45	22 Cleaners
326-SP-1	6 - 26	(13) Cleaners
326-SP-4	6 - 26	(13) X-Long Cleaners
326-STANDARD	6 - 26	(13) Cleaners





## Coolant Fluids

### Features:

- Specially formulated for use in welding circulator and re-circulator systems
- Recommended for all Plasma, Mig, Tig, Resistance Welding Systems and General Industrial Applications

**Physical Form:** Liquid

SKU	Capacity Vol.	Temp. Range	Color
100-16-25501	1 gal	19 °F; -7 °C	Blue
100-16-2550155	55 gal	19 °F; -7 °C	Blue
100-16-25502	1 gal	6 °F; -14 °C	Red



## Stainless Steel Water Coolers

### Features:

- Self priming
- Maintenance free
- Low vibration and pulsation

**Used With:** WeldCraft® 2500SS, 2502SS, 3500SS, 3502SS

SKU	Pressure
366-5515	60 psi



## Multi-Purpose Magnetic Holders

### Features:

- Designed to work as an extra hand
- Enables fast and accurate holding of any ferrous object
- Will hold both sheet and tube at angles of 45°, 90° and 135°
- Compact design allows use in tight places
- Handy tool can be used as double sided holder for welding and assembly work
- Ideal for use as work-holder and positioner in welding, soldering, marking-off, pipe installation, supporting, jiggling, assembly, as a separator
- Multi-unit for heavy weldments, lifting, etc
- Do not use with DC current when welding

**Material:** Steel

**Quantity:** 10 per case

SKU	Size Group	Capacity Wt.
100-M-061	Medium	45 lb
100-M-063	Large	80 lb
100-M-065	X-Large	95 lb



## GEARENCH POP-IT® Flange Spreader Tools

### Features:

- Lightweight, easy to use, durable, and delivers an incredible amount of force
- Simply insert the toes & turn the ratchet handle



SKU	Spreading Cap.	Capacity Wt.	Wt.
306-P95-525	1/16 in - 5 1/4 in	10,000 lb	11 lb



## Mag Prys

### Features:

- Eliminates need for welded tabs
- Easy 180° on/off actuation
- Light weight and portable
- 1,100lb/495kg of magnetic hold force
- Locking T handle for safety



SKU
474-8100081

## MagSquare Holders

### Features:

- On/off Magswitch magnet control—precise placement
- Turns all the way off—stays clean
- Machined at 90°
- Magnetic grip on 5 sides—strong on 3 sides
- Pipe notch
- Use MagSquares to mount workholding jigs
- Pre-tapped holes on all sides for mounting
- No batteries
- No electricity



SKU	Load Cap.
474-8100238	400 lb
474-8100099	1,000 lb
474-8100106	600 lb

## Mini Multi-Angle Welding Magnets

### Features:

- On/Off Mini Angle When off, metal chips fall off
- Offers several common angles: 45°, 75°, 90°, 105° and 135°
- Incredibly strong - powered by 80 lbs (36 kg) Magswitch magnet
- Accommodates flat and pipe stock
- Offers 75/105° and 90° angles
- Vertical Breakaway of 90lbs/40kg on 1/4" steel
- Features patented Magswitch® technology for complete on/off control so steel dust just falls off, so you don't waste time cleaning them or getting metal burrs in your fingers
- Precise positioning
- Great for small jobs, tight areas

SKU	Length	Width	Height
474-8100350	2.8 in	1.2 in	2 1/2 in



## Mini Multi-Angle Welding Magnets w/ Grounding

### Features:

- Offers several common angles: 45°, 75°, 90°, 105° and 135°
- Incredibly strong - powered by 150 lbs (68 kg) Magswitch magnet
- Dual action tool - Holding and Grounding
- Ground connection means instant local grounding
- Offers 45/135° + 60/120° + 75/105° + 90° angles
- Vertical Breakaway of 90lbs/40kg on 1/4" steel
- Featuring the patented Magswitch® technology for complete on/off control so steel dust just fall off, - so you don't waste time cleaning them or getting metal burrs in your fingers
- Precise positioning

SKU	Length	Width	Height
474-8100351	3 1/2 in	1.6 in	3.4 in

## MLAY Lifting Magnets

### Features:

- Superior hold force on thin steel
- Superior hold with air gaps
- Pivoting hook allows lift from horizontal to vertical
- Pole shoes replaceable for long life, or make custom shoes to match to target
- Lifts flat or pipe
- Lighter weight, more compact unit

**Material:** Aluminum; Steel



SKU	Length	Width	Height
474-8100360	5 in	8.9 in	6.7 in

## Pivot angle 200

### Features:

- 200 lb grip magnets on each axis
- Accommodates angles from 22 - 274 degree
- Indicators in 5 degree increments

SKU	Length	Width	Load Cap.
474-8100367	9.36 in	3.549 in	200 lb



## Welding & Spark Deflection Paper

### Features:

- A fire retardant paper used to keep welding spatter and grinding sparks from damaging glass and painted surfaces



SKU
405-051131-05916



## Blankets & Fabrics

### Features:

- Welding blanket, heat treating

**Length:** 6 ft

**Material:** Fiberglass

**Resistance:** Heat



SKU	Width	Temp. Range	Color
Uncoated			
100-36158	8 ft	800 °F	White
Neoprene Coated			
100-36166	6 ft	600 °F	Yellow
100-36167	8 in; 8 ft	600 °F	Yellow
100-36186	8 ft	600 °F	Blue

### Features:

- Uncoated Fiberglass for light use

SKU	Width	Temp. Range	Color
Uncoated			
100-36157	6 ft	800 °F	White



by Honeywell

## Water-Jel Fire Blanket

### Features:

- A full-size blanket that adequately covers a patient and can be used to extinguish flames and smoldering clothes or dangerous white phosphorous
- The durable, easily identifiable canister protects the blanket from outside elements
- Water-Jel provides controlled cooling by acting as a heat exchanger
- Water-Jel promotes heat transfer out of the burn wound

**Material:** Worsted Wool

**Includes:** Plastic canister with handle



SKU	Length	Width
068-049020	72 in	60 in



## See-Thru Welding Curtains

### Features:

- Heavy-duty vinyl designed to filter far/near ultraviolet to radiation and blue light
- Arc image dispersed throughout the curtain
- Filters 100% of far/near U.V. radiation and blue light
- Grommets are placed 8" apart on one width side and 16" apart on both height sides
- Puts light back into the welding booth
- Use low to high amperage

**Thickness:** 14 mil



SKU	Height	Width	Wt.
138-36307	6 ft	12 ft	7.35 lb

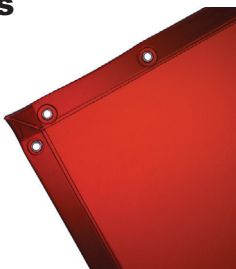


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Thickness: 14 mil



SKU	Height	Width	Wt.
138-36307	6 ft	12 ft	7.35 lb



## Anchor Brand SEOW Power Cables

### Features:

- Color coded conductors for easy identification
- Chemical characteristics of PVC with low temperature flexibility
- Seoprene® Thermoplastic Elastomer (TPE) jacketed cords combine lightweight flexibility with mechanical toughness
- Made in USA

Length: 250 ft

Insulation: PVC

Conductor Material: Copper

Jacket Material: TPE

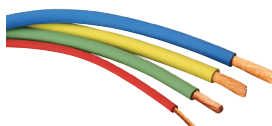


SKU	Conductor Size	Outside Dia	Wt. @ Length
100-6/4-250	6/4 AWG	0.43 in	573.9 lb @ 1,000 ft
100-8/3-250	8/3 AWG	0.43 in	282.6 lb @ 1,000 ft
100-8/4-250	8/4 AWG	0.43 in	368.1 lb @ 1,000 ft

## Colored Welding Cables

### Features:

- Foot markings are printed on cable jacket so you can cut to the precise length without measuring
- Tough jacket resists abrasion and chemicals



SKU	Cable/Wire Size	Length	Insulation Thickness
304-1-250-RED	1 AWG	250 ft	0.095 in
304-1/0-500-RED	1 /0 AWG	500 ft	0.105 in
304-2/0-250-RED	2 /0 AWG	250 ft	0.105 in
304-2/0-500-RED	2 /0 AWG	500 ft	0.105 in

Insulation: EPDM

Conductor Material: Copper

SKU	Cable/Wire Size	Length	Insulation Thickness
304-2/0-250	2 /0 AWG	250 ft	0.105 in

## Welding Cables

### Features:

- Foot markings are printed on cable jacket so you can cut to the precise length without measuring
- Flexible bare copper wire stranding
- Tough jacket resists abrasion and chemicals



Length: 50 ft

SKU	Cable/Wire Size	Insulation Thickness
100-1-50	1 AWG	0.08 in
100-1/0-50	1 /0 AWG	0.08 in
100-2-50	2 AWG	0.06 in
100-2/0-50	2 /0 AWG	0.08 in
100-4/0-50	4 /0 AWG	0.08 in

Length: 100 ft

SKU	Cable/Wire Size	Insulation Thickness
100-1-100	1 AWG	0.08 in
100-1/0-100	1 /0 AWG	0.08 in
100-2-100	2 AWG	0.06 in
100-2/0-100	2 /0 AWG	0.08 in
100-4-100	4 AWG	0.06 in
100-4/0-100	4 /0 AWG	0.08 in

Length: 250 ft

SKU	Cable/Wire Size	Insulation Thickness
100-1-250	1 AWG	0.08 in
100-1/0-250	1 /0 AWG	0.08 in
100-2-250	2 AWG	0.06 in
100-2/0-250	2 /0 AWG	0.08 in
100-3/0-250	3 /0 AWG	0.08 in
100-4-250	4 AWG	0.06 in
100-4/0-250	4 /0 AWG	0.08 in
304-1-250	1 AWG	0.095 in
304-1/0-250	1 /0 AWG	0.105 in
304-4-250	4 AWG	0.115 in
304-4/0-250	4 /0 AWG	0.115 in

Length: 500 ft

SKU	Cable/Wire Size	Insulation Thickness
100-1-500	1 AWG	0.08 in
100-1/0-500	1 /0 AWG	0.08 in
100-2-500	2 AWG	0.06 in
100-2/0-500	2 /0 AWG	0.08 in
100-3/0-500	3 /0 AWG	0.08 in
100-4-500	4 AWG	0.06 in
100-4/0-500	4 /0 AWG	0.08 in
100-6-500	6 AWG	0.06 in
304-1-500	1 AWG	0.095 in
304-1/0-500	1 /0 AWG	0.105 in
304-2-500	2 AWG	0.09 in
304-2/0-500	2 /0 AWG	0.105 in
304-3/0-500	3 /0 AWG	0.105 in
304-4/0-500	4 /0 AWG	0.115 in





## Coleman Cable Ultra Flexible "Whip" Welding Cable

### Features:

- Foot markings are printed on cable jacket so you can cut to the precise length without measuring
- Flexible bare copper wire stranding
- Tough jacket resists abrasion and chemicals
- 36 gauge stranding

**Conductor Size:** 2 AWG

**Insulation Thickness:** 0.09 in

**Wt. @ Length:** 64.25 lb @ 250 ft

**Insulation:** EPDM

**Conductor Material:** Copper



SKU	Cable/Wire Size	Length	Outside Dia	Voltage
304-2-250	2 AWG	250 ft	0.427 in	600 V



## Single Line Welding Hoses

### Features:

- Acetylene use only where cover must resist abrasion, weather and ozone
- Multi-ventilated pores in hose cover add safety to welding operations which permits dispersion of permeating gases

**Pressure [Max]:** 200 psi

**Material:** Synthetic Rubber



SKU	Grade	Hose I.D.	Length	Color
Acetylene Only				
907-1/4x1-GRN	R	1/4 in	700 ft	Green
907-1/4x2-GRN	R	1/4 in	700 ft	Green
All Fuel Gases				
907-T1/4x2-RED	T	1/4 in	700 ft	Red
Argon				
907-1/4X1-BLK-100-ARGON	R	1/4 in	100 ft	Green
907-1/4X1-BLK-25-ARGON	R	1/4 in	25 ft	Green
907-1/4X1-BLK-50-ARGON	R	1/4 in	50 ft	Green
Oxygen				
907-3/8x2-GRN	R	3/8 in	700 ft	Green

## Twin Welding Hoses

### Features:

- Multi-ventilated pores in hose cover add safety to welding operations which permits dispersion of permeating gases

**Material:** Synthetic Rubber

**Color:** Red/Green



SKU	Grade	Connection Type	Hose I.D.	Length
Acetylene Only				
907-LB1/4-TWIN	R	None	1/4 in	700 ft
907-LB1003	R	B-B	3/16 in	100 ft
907-LB1004	R	B-B	1/4 in	100 ft
907-LB1008	R	B-B	3/8 in	100 ft
907-LB123	R	B-B	3/16 in	12.5 ft
907-LB253	R	B-B	3/16 in	25 ft
907-LB254	R	B-B	1/4 in	25 ft
907-LB3/16-TWIN	R	None	3/16 in	700 ft
907-LB503	R	B-B	3/16 in	50 ft
907-LB504	R	B-B	1/4 in	50 ft
907-LB508	R	B-B	3/8 in	50 ft
All Fuel Gases				
907-T1004	T	B-B	1/4 in	100 ft
907-T1008	T	B-B	3/8 in	100 ft
907-T123	T	B-B	3/16 in	12.5 ft
907-T254	T	B-B	1/4 in	25 ft
907-T258	T	B-B	3/8 in	25 ft
907-T504	T	B-B	1/4 in	50 ft
907-T508	T	B-B	3/8 in	50 ft
907-TR1/4-TWIN	T	None	1/4 in	700 ft
907-TR3/8-TWIN	T	None	3/8 in	700 ft



## Vapor Propane Gas Hoses



### Features:

- Quality flexible hose utilizes the standard 9/16-18 LH hose fittings
- Not for use with Natural Gas

**Thread Direction:** LH

**Thread - TPI or Pitch:** 9/16 in - 18

**Pressure:** 350 psi

SKU	#	Inside Dia	Outside Dia	Hose Length
328-HEF-10	1	1/4 in	9/16 in	10 ft
328-HEF-20	1	1/4 in	9/16 in	20 ft
328-HEF-25	2	1/4 in	9/16 in	25 ft
328-HEF-50	3	1/4 in	9/16 in	50 ft





## Cryogenic Transfer Hoses

### Features:

- Cleaned for oxygen service
- Exceptional flexibility, hose resists kinking
- Machined CGA stainless steel end connections
- Constructed of 316 stainless steel for all wetted parts
- Use in cyro-biological and medical systems, and gas filling plants

**Gas Type:** Argon; Nitrogen



SKU	Length
312-WMH-2-14	48 in
312-WMH-2-15	60 in
312-WMH-2-16	72 in
312-WMH-2-17	120 in



## Gentec Hose Repair Kits

### Features:

- Designed and outfitted to allow timely hose repair in the shop or in the field
- Display card with the fitting numbers and the compartment location is on both the outside and inside of the case lid for added convenience in selecting and reordering

**Gas Type:** Fuel

**Includes:** (1) 1/4" in V-Grip Plier; (1) 24-0007 (9/16"-18 UNF-28B Size Nut, Oxygen RH); (1) 24-0008 (9/16"-18 UNF-28B Size Nut, Fuel LH); (1) 24-0017 (B Size Nipple 1/4" ID hose); (1) 24-0030 (B-Size Coupler, Oxygen, RH); (1) 24-0031 (B-Size Coupler, Fuel LH); (1) 24-0044 (Hose Splicer 1/4" ID Hose); (1) 24-3588 (.564" Ferrule ID) 24-7325 (.562" Ferrule ID); (1) 24-7326 (.593" Ferrule ID); (1) 3/16" in V-Grip Plier



SKU	Width	Height	Hose I.D.	Length
331-CK-26SP	0 in; 12 in	0 in; 2 in	1/4 in	0 in; 9 in

## Quick Connector Sets

### Features:

- Built-in automatic reset check valve prevents reverse flow of gases by cutting off the gases under back pressure
- Before disconnection, gas must be shut off at regulators
- Color codes provide speed and safety
- QC-RHF-A has A-Connection

**Gas Type:** Fuel Gases; Oxygen

**Connection Type:** Male/Female

**Thread - TPI or Pitch:** 9/16 in - 18

**Pressure [Max]:** 29 psi; 145 psi

**Includes:** Check Valve



SKU	Includes	Applications
331-QC-HHPRSP	QC-HHF; QC-HHX	Hoses
331-QC-HTPRSP	QC-HTF; QC-HTX	Hose; Torch
331-QC-RHPRSP	QC-RHF; QC-RHX	Regulator; Torch



## Acetylene Hoses

### Features:

- Made of quality single ply fabric reinforced Grade R hose

**Thread - TPI or Pitch:** 3/8 in - 24



SKU	Inside Dia	Outside Dia	Length	Pressure
328-HA3-12	3/16 in	7/16 in	12 ft	200 psi



## Barbed Hose Nipples

### Features:

- Barbed hose nipples are made from brass to ensure functionality and durability
- Can accommodate up to 200 psig of pressure

**Material:** Brass



SKU	Size	Hose I.D.	Length	Pressure
312-17	B-Size	1/4 in	1 15/32 in	200 PSIG
312-20	B-Size	3/8 in	1 15/32 in	200 PSIG

## Brass Hose Adaptors

### Features:

- Provide yourself with a strong, long lasting connection by using the following brass hose adaptor
- Its threads have been manufactured to the highest standards to ensure a tight, secure fitting for your garden hose

• This particular hose utilizes a male to male connection

**Connection Type:** NPT Thread/Barb

**Pressure [Max]:** 200 PSIG



SKU	Thread Size	Hose I.D.
312-541	1/4 in (NPT)	1/4 in
312-543	1/4 in (NPT)	3/8 in

## Brass Hose Ferrules

### Features:

- Brass hose ferrules provide fast and semi-permanent attachment of hose barbs and most low pressure general purpose hoses

• Assure the inside diameter (ID) of the ferrule is large enough to fit over the outside diameter (OD) of the hose



SKU	Inside Dia	Length
312-3588	0.564 in	3/4 in
312-7323	0.525 in	1 in
312-7325	0.562 in	1 in
312-7326	0.593 in	1 in
312-7329	0.687 in	1 in



## Brass Hose Splicers

### Features:

- Use this brass hose splicer with any soft tubing that will accept a clamp style connection, including vinyl and rubber
- Its maximum working pressure is 200 PSI, but do not exceed recommended pressure rating of the tubing used

**Connection Type:** Barb

**Style:** Barb Round



SKU	Hose I.D.	Pressure [Max]
312-44	1/4 in - 1/4 in	200 PSIG
312-45	3/16 in - 3/16 in	200 PSIG
312-47	3/8 in - 3/8 in	200 PSIG

## Cartridge Valves

### Features:

- The Cartridge Valve is made entirely of stainless steel
- It features a fine thread for accuracy and efficiency
- The maximum pressure to be applied to this product is 6000 PSIG
- The design is a male 90 degree angle metering seat style

**Connections:** 1/4 in NPTM x 1/4 in NPTM

**Material:** Stainless Steel

**Style:** Male 90°, Metering Seat



SKU	Pressure [Max]
312-SS-120M	6,000 PSIG

## Chain & Plug Assemblies

### Features:

- One and two-piece assemblies provide gas-tight sealing
- CGA nut and blind nipple (plug) combination

**Thread Direction:** RH

**Includes:** Gas Tight; Nut & Plug Unassembled

**Shape:** Straight



SKU	Gas Type	Pressure [Max]
<b>Connection Type: Female</b>		
312-927	Oxygen	200 psi
<b>Connection Type: Male</b>		
312-922	Inert Gas	200 psi
312-992	Argon; Helium; Nitrogen	3,000 psi

## Flexible Pigtails

### Features:

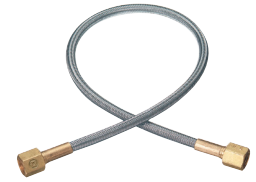
- 100% tested and cleaned for oxygen service
- Sub assembly for special configurations

**Material:** Stainless Steel

**Connection Type:** Female Brass

**Thread Size:** 1/4 in (NPT)

**Pressure [Max]:** 3,000 psi



SKU	Bend Radius	Length
312-PF-4-24	3 in	24 in
312-PF-4-36	3 in	36 in
312-PF-4-48	3 in	48 in

**Connection Type:** Female Stainless Steel

**Thread Size:** 1/4 in (NPT)

**Pressure:** 6,000 PSIA

SKU	Bend Radius	Length
312-PF-4SS-24	3 in	24 in

## Hose Couplers

### Features:

- Utilize hose couplers as a connector on the end of a hose to connect (or couple) it with another hose or with a tap or a hose appliance, such as an irrigation sprinkler
- It is made of solid straight brass for maximum durability

**Connection Type:** Male/Male

**Size:** B-Size - B-Size

**Shape:** Straight



SKU	Gas Type	Thread Direction	Pressure [Max]
312-30	Oxygen	RH	200 psi
312-31	Acetylene/F. Gases	LH	200 psi

## Hose Nuts

### Features:

- Utilize hose nuts as a connector on the end of a hose to connect (or couple) it with another hose or with a tap or a hose appliance, such as an irrigation sprinkler
- It is made of solid straight brass for maximum durability

**Material:** Brass

**Connection Type:** Female

**Thread - TPI or Pitch:** 9/16 in - 18

**Size:** B-Size

**Shape:** Hex



SKU	Gas Type	CGA No.	Thread Direction	Pressure [Max]
312-7	Oxygen	CGA-022	RH	200 PSIG
312-8	Fuel Gas	CGA-023	LH	200 PSIG



## Hose Repair Kits

### Features:

- Convenient plastic case is durable and includes a full color label and description chart

**Thread - TPI or Pitch:** 9/16 in - 18

**Includes:** Case includes full color label and description chart; Crimping Tool; Fittings



SKU	Thread - TPI or Pitch	Size	Hose I.D.
312-CK-3	3/8 in - 24	A-Size; B-Size	3/16 in; 1/4 in; 3/8 in

SKU	Size	Hose I.D.
312-CK-1	A-Size; B-Size	3/16 in; 1/4 in
312-CK-20	A-Size; B-Size	3/16 in; 1/4 in
312-CK-22	A-Size, B-Size	1/4 in
312-CK-24	B-Size	3/16 in; 1/4 in
312-CK-26	B-Size	1/4 in
312-CK-5	B-Size	3/16 in; 1/4 in
312-CK-6	B-Size	5/16 in; 3/8 in



## Inert Arc Adaptors

### Features:

- Air-water connections for inert arc welding
- For mig/tig torches

**Gas Type:** Inert Gas

**Connection Type:** Male/Female

**Thread Direction:** RH

**Thread - TPI or Pitch:** 5/8 in - 18(F)

**Pressure [Max]:** 200 PSIG

**Shape:** Straight



SKU	Male Thread	Size
312-AW-15A	1/4 in (NPT)	B-Size

## Inert Arc Hose & Torch Adapters

### Features:

- Utilize the male/male inert arc hose and torch adapters as a connector on the end of a hose to connect it with another hose or with a tap or a hose appliance, such as an irrigation sprinkler
- It is made of solid straight brass for maximum durability

**Connection Type:** Male/Male

**Size:** B-Size

**Material:** Brass



SKU	Thread Direction	Connections
312-AW-403	RH to RH	CGA-032 to CGA-022 9/16 in - 18
312-AW-427	RH	CGA-032 to 1/4 in NPT

## Inert Arc Hose Couplers

### Features:

- Utilize the inert arc hose couplers as a connector on the end of a hose to connect (or couple) it with another hose or with a tap or a hose appliance, such as an irrigation sprinkler
- It is made of solid straight brass for maximum durability

**Connection Type:** Female/Female

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

**Material:** Brass



SKU	Thread Direction	Connections
312-AW-430	RH to RH	CGA-032 to B-Size(5/8 in - 18)
312-AW-431	LH to LH	CGA-033 to B-Size(5/8 in - 18)

## Inert Arc Nipples

### Features:

- Inert Arc Nipples are equipped with brass barb construction to resist corrosion
- Use these arc nipples to repair or make a new hose to attach to the shielding gas (or cooling) lines
- Welding hose and compressed gas fittings with standard design easily mounts on outlets

**Connection Type:** Barb

**Thread - TPI or Pitch:** 5/8 in - 18

**Material:** Brass



SKU	Size	Hose I.D.	Length
312-AW-17	B-Size	1/4 in	2 7/32 in
312-AW-18	B-Size	3/16 in	2 7/32 in
312-AW-19	B-Size	3/8 in	2 7/32 in
312-AW-20	B-Size	5/16 in	2 7/32 in

## Inert Arc Nuts

### Features:

- Superior quality Brass inert arc nuts are typically used in tig and mig inert gas and cooling systems
- These nuts can be used to connect the shielding gas (and cooling) hoses to their respective guns
- Its brass coating allows for maximum durability

**Gas Type:** Inert Gas

**CGA No.:** CGA-032

**Connection Type:** Male

**Thread Direction:** RH

**Thread - TPI or Pitch:** 5/8 in - 18

**Material:** Brass

**Shape:** Hex



SKU	Size
312-AW-14A	B-Size



## Male NPT Outlet Adapters for Manifold Pipelines

### Features:

- Provides a reliable seal during welding applications
- High-quality materials for long lasting strength and durability

**Gas Type:** Argon; Helium; Nitrogen

**CGA No.:** CGA-580

**Connection Type:** Female/Male

**Thread - TPI or Pitch:** .965 in - 14 NGO, RH(F)

**Material:** Brass



SKU	Thread Size	Pressure [Max]
312-B-70	1/4 in NPT(M)	3,000 PSIG
312-B-72	1/2 in NPT(M)	3,000 PSIG

## Manifold Block Assemblies

### Features:

- Durable welding accessory for manifold needs
- Use with any pigtails having CGA connections

**Gas Type:** Argon; Helium; Nitrogen

**Connection Type:** Female Outlets

**Thread Direction:** RH



SKU	CGA No.	Pressure [Max]
312-MB-70	CGA-580	3,000 PSIG

## Manifold Coupler Tees

### Features:

- Flexible, stainless steel pigtails feature an inner core reinforced with two stainless steel braids
- These hoses are ideal for high-pressure and low-pressure plumbing connections and with the additions of CGA connectors, make very usable flexible pigtails

**Gas Type:** Argon; Helium; Nitrogen

**CGA No.:** CGA-580

**Connection Type:** Male

**Material:** Brass

**Shape:** Tee



SKU	Pressure [Max]
312-T-92	3,000 PSIG

## Manifold One-Piece Dust Cap Assemblies

### Features:

- Ideal for dust control in welding applications
- Made from high-quality materials for lasting durability and strength
- Supports multiple gases

**Connection Type:** Female

**Includes:** Dust Cap; Not Gas Tight

**Material:** Brass



SKU	Gas Type	CGA No.	Thread Direction
312-DC-B7	Oxygen	CGA-022	RH
312-DC-B8	Acetylene	CGA-023	LH

## Non-Corrosive Gas Flow Valves



### Features:

- Use these reliable non corrosive gas flow valves with all non-corrosive gases including oxygen
- The flow metering gas flow valve made of brass can withstand elevated pressures
- The brass material allows for maximum durability

**Material:** Brass

Acetylene/F. Gases

**CGA No.:** CGA-023

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

SKU	Inlet Connection	Outlet Connection
312-206	1/4 in NPT (M)	9/16 in - 18 LH(M)

All Non-Corrosive Gases

**Pressure [Max]:** 3,000 PSIG

SKU	Inlet Connection	Outlet Connection
312-211	1/4 in NPT(M)	1/4 in. NPT(M)
312-217	1/4 in NPT(M)	1/4 in. NPT(F)
312-218-D	1/4 in NPT(F)	1/4 in. NPT(F)

Fuel Gas

**CGA No.:** CGA-023

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

SKU	Inlet Connection	Outlet Connection
312-208	9/16 in - 18 LH(M)	1/4 in. NPT(M)

Inert Gas

**CGA No.:** CGA-032

**Pressure [Max]:** 200 PSIG

SKU	Inlet Connection	Outlet Connection
312-215-AR	1/4 in NPT(M)	5/8 in - 18 RH(F)
312-215-FR	5/8 in - 18 RH(M) Swivel Nut	5/8 in - 18 RH(F)

Oxygen

**CGA No.:** CGA-022

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

SKU	Inlet Connection	Outlet Connection
312-205	1/4 in NPT (M)	9/16 in - 18 RH(M)

## Phase Separators

### Features:

- For use with cryogenic transfer hoses
- Speeds filling and controls splashing

**Connection Type:** Female

SKU	Thread Size	Length
312-F-62	3/8 in (NPT)	2 1/2 in





Industrial Safety Welding Oilfield Construction



## Pipe Thread Couplings

### Features:

- Made of brass for strength and long lasting durability

**Connection Type:** Female/Female

**Wrench Size:** 3/4 in (hex)

**Material:** Brass

**Shape:** Straight



SKU	Thread Size	Length	Pressure [Max]
312-BF-4HP	1/4 in (NPT)	1.187 in	3,000 PSIG

## Pipe Thread Elbows

### Features:

- These pipe thread elbows are not susceptible to rust and corrosion
- Welding hose and compressed gas fittings can withstand high pressure tasks
- They provide a standard male and female connections for an exact fit

**Material:** Brass

**Shape:** Elbow - 90°



SKU	Connection Type	Thread Size	Pressure [Max]
312-BEL-4HP	Female/Female	1/4 in (NPT)	3,000 PSIG
312-BL-4HP	Female/Male	1/4 in (NPT)	3,000 PSIG

## Pipe Thread Hex Nipples

### Features:

- Use to connect other welding hose and compressed gas fittings
- Durable construction

**Connection Type:** Male/Male

**Wrench Size:** 5/8 in (hex)

**Material:** Brass

**Shape:** Straight



SKU	Thread Size	Length	Pressure [Max]
312-B-4HP	1/4 in (NPT)	1.437 in	3,000 PSIG

## Pipe Thread Tees

### Features:

- The fittings come in a wide assortment of configurations with clamps required
- Great fittings allow a sprinkler head to be screwed into the fitting using a riser or swing joint

**Material:** Brass

**Shape:** Tee

3-Way Female

SKU	Thread Size	Pressure [Max]
312-BFT-4HP	1/4 in (NPT)	3,000 PSIG

Female x Male

SKU	Thread - TPI or Pitch	Pressure [Max]
312-BST-4HP	1/4 in NPT (Street)	3,000 PSIG



## Regulator Outlet Bushings

### Features:

- Regulator outlet bushings are used to reduce an outlet in a fitting or to connect a pipe to a larger outlet
- They can be screwed into the opening to form a neat flush finish
- The bushing is made of a brass material for maximum durability

**Connection Type:** Male/Male

**Material:** Brass



SKU	Thread Direction	Male Thread	Size
Fuel Gas			
312-145	LH	1/2 in (NPT)	B-Size
312-33	LH	1/4 in (NPT)	B-Size
Oxygen			
312-32	RH	1/4 in (NPT)	B-Size

## Stainless Steel Flexible Pigtails

### Features:

- 100% tested and cleaned for oxygen
- Individually poly bagged

**Connection Type:** Both Female

SKU	Thread Size	Length
312-PF2-4-18	1/4 in (NPT)	18 in
312-PF2-4-24	1/4 in (NPT)	24 in
312-PF2-4-36	1/4 in (NPT)	36 in
312-PF2-4-48	1/4 in (NPT)	48 in
312-PF2-4-60	1/4 in (NPT)	60 in
312-PF2-4-72	1/4 in (NPT)	72 in



## Valved "Y" Connections

### Features:

- Precision shut off valves
- For use of two cutting and/or welding torches at once

**Material:** Brass

Acetylene/F. Gases

**Connection Type:** Female/Male

**Thread Direction:** LH

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

SKU	CGA No.	Inlet Connection	Outlet Connection
312-112	CGA-023	9/16 in - 18(F)	9/16 in - 18 (M)

Inert Gas

**Connection Type:** Male/Female

**Thread Direction:** RH

**Pressure [Max]:** 200 PSIG

SKU	CGA No.	Inlet Connection	Outlet Connection
312-411	CGA-032	5/8 in - 18(M)	5/8 in - 18 (F)

Oxygen

**Connection Type:** Female/Male

**Thread Direction:** RH

**Size:** B-Size

**Pressure [Max]:** 200 PSIG

SKU	CGA No.	Inlet Connection	Outlet Connection
312-111	CGA-022	9/16 in - 18(F)	9/16 in - 18 (M)





## Y Connections

### Features:

- Made of brass for strength and long lasting durability

**Pressure [Max]:** 200 PSIG

**Material:** Brass

**Shape:** "Y"



**Gas Type:** Acetylene/F. Gases

**CGA No.:** CGA-023

**Thread Direction:** LH

SKU	Connection Type	Inlet Connection	Outlet Connection
B-Size - B-Size			
312-102	Female/Male	9/16 in - 18(F)	9/16 in - 18 (M)

**Gas Type:** Inert Gas

**CGA No.:** CGA-032

**Thread Direction:** RH

SKU	Connection Type	Inlet Connection	Outlet Connection
B-Size - B-Size			
312-401	Male/Female	5/8 in - 18(M)	5/8 in - 18 (F)

**Gas Type:** Oxygen

**CGA No.:** CGA-022

**Thread Direction:** RH

SKU	Connection Type	Inlet Connection	Outlet Connection
B-Size - B-Size			
312-101	Female/Male	9/16 in - 18(F)	9/16 in - 18 (M)



## Challenger Hand Crank Welding Cable Reels

### Features:

- Durable proprietary CPC™ blue powder coat
- Rolled edges for safety
- New "Cable Keeper" feature prevents input cable rotation and twisting
- 450-Amp capacity, single conductor slip ring design
- Integrated drag brake/reel stop to prevent Free-Wheeling and cable uncoiling during Storage or transport
- Cable (Not Included)

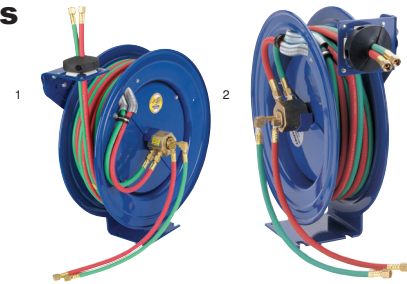
**Material:** Steel

**Reel & Frame Dim.:** 8" x 13" x 12"



SKU	Cable/Wire Size	Length
170-112WCL-6-10	1 /0 AWG	18 in; 100 ft

## Hose Reels



### Features:

- Wraps, stores & protects twin-line welding hose
- Coxreels' Heavy Duty Steel Construction
- Durable proprietary "CPC" powder coat finish
- Solid brass dual-ported swivel with double O-ring seals
- Factory-matched cartridge-style spring motor
- Adjustable to wall, floor, & overhead mounting positions
- Made in the U.S.A.
- For use with oxygen/acetylene, MAPP®, propane, natural gas, and other fuel gases
- Oxygen line and gas line have separate input connections for added safety

**Hose O.D.:** 17/32 in

**Includes:** 18" Inlet Assembly; Adjustable Check Ball

**Pressure [Max]:** 200 psi

SKU	#	Length	Hose Length	Height	Wt.
<b>Used With: MAPP; Natural Gases and Fuel; Propane</b>					
170-SHWT-N-150	1†	19 5/8 in	50 ft	21 in	60.35 lb
<b>Used With: Oxy-Acetylene</b>					
170-SHW-N-150	1†	19 5/8 in	50 ft	21 in	59 1/2 lb

† Meets R.M.A and C.G.A Type V.D Grade R Specifications

† Meets R.M.A and C.G.A Type V.D Grade T Specifications

**Hose I.D.:** 1/4 in

**Bearing Size:** 1 in

**Bearing Type:** Lubricated Precision

**Mounting:** Floor; Wall; Bench; Ceiling; Truck

**Pressure:** 200 psi

**Thread - TPI or Pitch:** 9/16 in - 18 UNF

SKU	#	Length	Hose Length	Height	Wt.
<b>Used With: Oxy-Acetylene</b>					
170-SHW-N-1100	1†	23 in	100 ft	25 1/4 in	88.95 lb
<b>Used With: Oxy-Acetylene</b>					
170-EZ-SHW-1100	2†	23 in	100 ft	25 1/4 in	89.3 lb
170-EZ-SHW-150	2†	19 5/8 in	50 ft	21 in	61.3 lb



### Large Capacity Welding Reels



**Features:**

- Sturdy robotically welded "A" frame base
- Durable "CPC" proprietary powder coat finish
- Long-handled lock pin secures reel rotation
- Corrosion resistant adjustable tension brake
- Self-aligning pillow block precision bearings ensure smooth, precise rotation
- Rolled edges & ribbed discs provide maximum strength & protection
- Made in the USA

**Capacities:** #1 - 250 ft.; #1/0 - 200 ft.; #2 - 300 ft.; #2/0 - 150 ft.

**Drum Width:** 6 in

SKU	Depth
170-1125WCL-6-C	17 in

### Spring Driven Welding Cable Reels



**Features:**

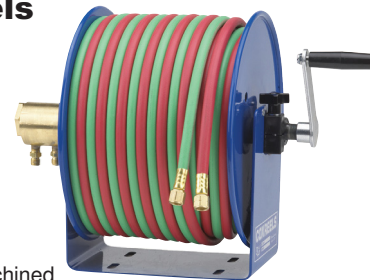
- Adjustable solid rubber cable stop
- Brass NPT swivel machined from solid with stainless steel non-corrosive stud
- Factory-matched cartridge-style permanently lubricated spring motor
- Guide arm adjusts to various mounting positions
- Heavy Duty 1" solid steel axle with 1" self-lubricated precision bearings
- Made in the USA
- Multi-position locking ratchet easily secures welding cable at desired length
- Swivel O-ring seals supported with PTFE backup rings

**Cable Length:** 50 ft

**Reel & Frame Dim.:** 11" W x 18 1/4" H x 17 1/4" L

SKU	Amps	Height	Wt.
170-P-WC17-5010	350 A	17 in	64 lb

### Twin-Line Welding Hose Reels



**Features:**

- Dual ported brass swivel is machined from solid and offers both connections from the same side of reel
- Brake assembly provides adjustable friction to brake or lock the drum
- Composite bearings for smooth rotation
- Designed for Twin-Line R-Grade Oxy-Acetylene welding hose
- Made in the U.S.A.

**Hose I.D.:** 1/4 in

SKU	Hose Length	Depth	Includes
170-112W-1-100	100 ft	12 in	Hose
170-112WL-1-100*	100 ft	12 in	

**Features:**

- Less hose



### 250 AMP Arc Weld, Dual Stacked without Cable Hose Reel



**Features:**

- Heavy duty shaft with tapered roller bearings offer high rigidity and spool support
- Side-by-side welding cable reels offer a reliable and safe way to handle welding cable leads
- Stacked welding cable reels offer a reliable and safe way to handle welding cable leads. The reels protect the cable from premature wear
- The glass filled nylon spools are very strong and durable while insuring that no conductivity occurs
- A substantial welded aluminum base is used to support the weight of the spool

**Cable Length:** 150 ft

**Material:** Aluminum & Composite

SKU	Voltage	Amps	Hose Length	Width
523-T24640	600 V	250 A	24 ft	18.62 in



## 250 AMP Arc Weld, Dual Weld, Side-by-Side without Cable Hose Reel



**Features:**

- Heavy duty shaft with tapered roller bearings offer high rigidity and spool support
- The reels protect the cable from premature wear and replacement
- The glass filled nylon spools are very strong and durable while insuring that no conductivity occurs
- A substantial welded aluminum base is used to support the weight of the spool

**Cable Length:** 150 ft

**Material:** Aluminum & Composite

SKU	Voltage	Amps	Hose Length	Width
523-T24620	600 V	250 A	24 ft	18.62 in

## Gas-Welding Hose Reels with Hose



**Features:**

- Reelcraft's exclusive dual swivel design offers an independent body manufactured from aluminum and hard coated for wear resistance
- Leak prevention - the double sealed, special molded o-rings prevent leakage
- The swivel inlets are both permanently identified with machined grooves on the gas side to assure proper installation

**Hose I.D.:** 1/4 in

**Hose O.D.:** 0.53 in

**Hose Length:** 50 ft

**Pressure [Max]:** 200 psi

**Includes:** Oxygen/acetylene hose and hose bumper

SKU	Width	Height	Depth	Wt.
523-TW7450OLP	7 3/8 in	20 1/4 in	19 3/4 in	50 lb

## Gas-Welding T-Grade Hose Reels without Hose



**Features:**

- Series T reels are ideal for applications where space, weight, and flexibility are key, these reels are designed for manual winding of welding cable
- Versatile in function, select configurations to suit specific needs
- Oversized Bearings - heavy-duty shaft with tapered roller bearings offer high rigidity and spool support

**Hose I.D.:** 1/4 in

**Hose O.D.:** 0.53 in

**Hose Length:** 50 ft

**Pressure [Max]:** 200 psi

**Includes:** T-grade hose and hose bumper

SKU	Width	Height	Depth	Wt.
523-TW7450OLPT	7 3/8 in	20 1/4 in	19 3/4 in	50 lb