

FORNEY INDUSTRIES

SERVING SMALL BUSINESS, FARM & RANCH, HOME WORKSHOPS, AUTOMOTIVE AFTERCARE,
& THE INDUSTRIAL MARKETS SINCE 1932

FORNEY INDUSTRIES

2016 WELDING, CUTTING & SOLDER CATALOG

**WELDING
CUTTING & SOLDER
CATALOG**



Forney

190 MP

MULTI-PROCESS WELDER
230V - 50 AMP, 120 VOLT 20 AMP INPUT

5/3/1
WARRANTY



FORNEY INDUSTRIES

WELDING, CUTTING & SOLDER CATALOG

FORNEY INDUSTRIES
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FORNEY INDUSTRIES

ALL BUSINESS IS LOCAL

FIVE WAYS TO ORDER

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2057 Vermont Drive
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Email: sales@forneyind.com

U.S. Warehouses:

- Fort Collins, CO
- Tipp City, OH

Forney Industries Promise

We deliver tailored solutions to address your specific problem or opportunity. We will staff and equip ourselves to deliver to you the personal service you desire & deserve. We are committed to your success regardless of location, size or needs. We understand it is your goal to get the job done right, and we are ready to help you do just that.

President's Message

Dear Valued Customer,

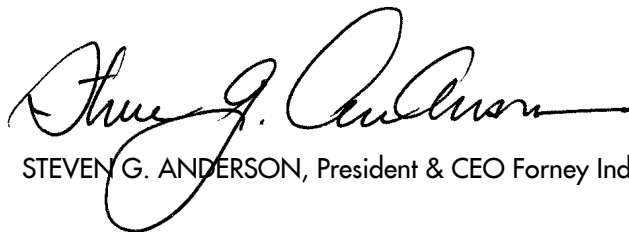
For more than 80 years, Forney Industries has been committed to offering products that make your life easier. Whether you are a seasoned welder, rancher, or someone who simply enjoys working in the garage, we offer more than 5,000 products based on what you need, not on what we want to sell.

Our passion is bringing new and enhanced products to you. This, combined with our unparalleled service, sets us apart. In fact, All Business is Local is our mantra and that commitment hasn't changed over the years. We treat our customers with the same undivided, personal attention that we offered decades ago but offer the convenience of 24-hour electronic fulfillment services too.

Your satisfaction begins with our employees. We pride ourselves on securing a remarkable staff that understands the products we sell and knows how important those products are to you. It's simple. Our employees are passionate about what you do.

As a family-owned company, please trust that we will continue to focus on you and your success. While you are busy working at your craft, we are researching and developing the next, best product that will make you increasingly more successful. After all, we aren't successful until you are.

Thank you for your continued business,



STEVEN G. ANDERSON, President & CEO Forney Industries



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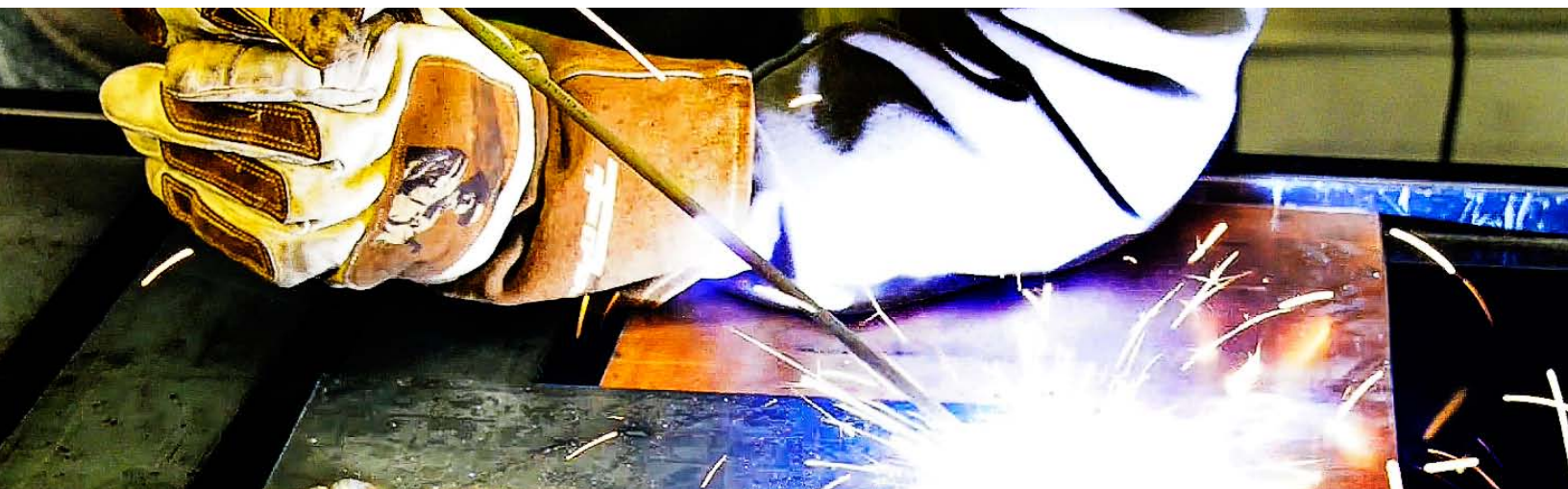
APPLICATION RECOMMENDATION GUIDE



	STICK (SMAW)	MIG (GMAW)	FLUX CORE (FCAW)	TIG (GTAW)
SKILL REQUIRED	Moderate	Low	Low	High
WORK MATERIAL	Mild Steel, Stainless Steel, Cast Iron, Nickel Alloys	Low Carbon Steel, Low Alloy Steel, Stainless Steel, Aluminum, Brass, Copper, Nickel Alloys	Mild Steel, Stainless Steel	(DC TIG): Low Carbon Steel, Low Alloy Steel, Stainless Steel, Titanium, (AC TIG): Aluminum, Magnesium
SHIELDING GAS	Not Required	Inert Gas Required, Argon and CO ₂ , Blends	Not Required	Inert Gas Required, Argon, Argon/Hydrogen, Argon/Helium
FILLER MATERIAL	Electrode	Wire	Wire	Welds with or without
FILLER FEED	Manual	Continuous	Continuous	Manual
SKILL LEVEL	Fair	Low	Fair	High
WELD POSITIONS	All	All	Better Flat	All
SPOT WELDING	N/A	Good	Good	N/A
LOCATION	Anywhere	Indoors	Anywhere	Indoors
WELD QUALITY	Not for show	Good	Not for show	Excellent
MATERIAL THICKNESS	1/8"+	24 gauge+	1/8"+	0.10"+
THIN MATERIALS	Minimal	OK	Minimal	Excellent
ENVIRONMENT	Dirty & Rusty, Windy	Clean	Dirty & Rusty, Windy	Very Clean
PROCESS BENEFITS	<ul style="list-style-type: none"> • Can weld at a long distance from the machine • Inexpensive option for welding versatility, portability and reliability. 	<ul style="list-style-type: none"> • Out-of-position welding • High welding speeds • Same welding machine for MIG and Flux Core 	<ul style="list-style-type: none"> • Out-of-position welding • Deep penetration for thicker materials • Increased metal deposition rates • Same welding machine for MIG and Flux Core 	<ul style="list-style-type: none"> • Concentrated arc • High quality, clean welds • No smoke or slag • Thin materials
COMMON APPLICATIONS	<ul style="list-style-type: none"> • Outdoor repairs • Rusty metal • Education • Farm & ranch • Maintenance & repair 	<ul style="list-style-type: none"> • Aluminum fabrication • Automotive • DIY • Education • Fabrication • Farm & ranch • Garage/auto body shops • Light industrial • Maintenance & repair • Manufacturing 	<ul style="list-style-type: none"> • Outdoor repairs • Remote areas • No shielding gas available • DIY • Education • Fabrication • Farm & ranch • Maintenance & repair 	<ul style="list-style-type: none"> • Auto restoration, repair • Motor sports • Sport aviation • General repair & fabrication • Metal artwork

RECOMMENDATION BY MATERIALS

MATERIAL/ PROCESS	STEEL	STAINLESS STEEL	NICKEL ALLOYS	ALUMINUM	CAST IRON	COPPER BRASS	TITANIUM	MAGNESIUM ALLOYS	FORNEY MACHINES
Stick (SMAW)	•	•	•		•				140 MP
									190 MP
									220 ST
									235 AC/DC
MIG (GMAW)	•	•	•	•		•			140 MIG
									140 MP
									190 MIG
									190 MP
									210 MIG
									242 DUAL
Flux Core (FCAW)	•	•							140 MIG
									140 MP
									190 MIG
									190 MP
									210 MIG
									242 DUAL
AC-TIG (GTAW)				•				•	220 AC/DC
DC-TIG (GTAW)	•	•	•			•	•		140MP
									190MP
									220 ST
									220 AC/DC
CAC-A-AC						•			-
CAC-A-DC	•	•		•	•				-
Plasma	•	•	•	•	•	•	•	•	250 P+
									325 P
									700 P





WELDING MACHINE SPECIFICATIONS



PROCESS	METALS									INPUT				OUTPUT			
	MILD STEEL	STAINLESS STEEL	NICKEL ALLOYS	ALUMINUM	CAST IRON	COPPER OR BRASS	TITANIUM	MAGNESIUM ALLOYS	OCV	FREQUENCY	VOLTAGE	AMPS	DUTY CYCLES				
270 MIG CAT# 319	●	●	●	●		●			18-45V	60 HZ	230V	40A	30%	60%	100%		
													250A	200A	150A		
													25.5V	24V	21.5V		
242 DUAL MIG CAT# 327	●	●	●	●		●			18-45V	60HZ	230V	40A	35%	60%	100%		
													200A	155A	120A		
													24V	21.7V	20V		
210 MIG CAT# 311	●	●	●	●		●			19.5-38V	60HZ	230V	30A	10%	25%	100%		
													210A	130A	65A		
													21V	20.5V	17.5V		
190 MIG CAT# 318	●	●	●	●		●			30V	60HZ	230V	20A	15%	25%	60%	100%	
													140A	120A	80A	60A	
													21V	20V	18V	17V	
140 MIG CAT# 309	●	●	●	●		●			32V	60HZ	120V	20A	20%	35%	60%	100%	
													115A	90A	60A	55A	
													19.75V	18.5V	21V	16.75V	
190 MP CAT# 324																	
MIG	●	●	●	●		●			60V	60HZ	120V/230V	27A/19.8A	35%/20%	60%	100%		
													120A/170A	90A/100A	75A/85A		
													20V/22.5V	18.5V/19V	18V/18.2V		
STICK	●	●	●	●		●			80V	60HZ	120V/230V	26A/23A	40%/20%	60%	100%		
													100A/170A	85A/100A	65A/85A		
													24V/27V	23.4V/24V	22.6V/23.5V		
TIG	●	●	●	●		●			9.5V	60HZ	120V/230V	17.2A/14.5A	40%/20%	60%	100%		
													110A/170A	90A/100A	70A/85A		
													14.4V/16.8V	13.6V/19V	12.8V/18.2V		
140 MP CAT# 322																	
MIG	●	●	●	●		●			60V	60HZ	120V	22A	25%	60%	100%		
													90A	60A	45A		
													18.5V	17V	16.2V		
STICK	●	●	●	●		●			60V	60HZ	120V	25A	35%	60%	100%		
													80A	60A	45A		
													23.6V	22.4V	21.8V		
TIG	●	●	●	●		●			6.5V	60HZ	120V	20A	20%	60%	100%		
													100A	60A	45A		
													14V	12.9V	21.8V		
220 AC/DC TIG CAT# 325																	
TIG AC	●			●					80V	50/60HZ	230V	23.2A	25%	60%	100%		
													200A	130A	95A		
TIG DC	●	●	●	●		●			90V	50/60HZ	230V	29A	35%	60%	100%		
													200A	140A	110A		
STICK	●	●	●	●		●			70V	50/60HZ	230V	31A	35%	60%	100%		
													200A	140A	110A		
220 ST CAT# 326	●	●	●	●		●			70V	50/60HZ	120V/230V	26.5A/31A	40%/25%	60%	100%		
													100A/200A	80A/125A	65A/95A		
													24V/28V	23.2V/25V	22.6V/23.8V		
235 AC/DC STICK CAT# 314																	
STICK AC	●	●	●	●		●			72V				50%	150A, 26V			
										60HZ	230V	48.5A					
STICK DC	●	●	●	●		●			63V				35%	135A, 21.5V			
700 P CAT# 303	●	●	●	●		●			480V	50/60HZ	120V/230V	29.5A/20.2A	25%/30%	60%	100%		
													30A/40A	25A	20A		
													92V/96V	90V	88V		
325 P CAT# 302	●	●	●	●		●			310V	60HZ	120V	24A	50%	20A			
													88V				
250 P+ CAT# 317	●	●	●	●		●			310V	60HZ	120V	16A	25%	12A			
													84.8V				

WELDING MACHINE ACCESSORIES

MIG MACHINES	ACCESSORY	CAT#	STYLE/SIZE
270 MIG - CAT# 319 / 242 DUAL MIG - CAT# 327 	MIG GUN	85507	TWECO® 2
	SPOOL GUN	85651	TWECO® 1
	GROUND	85668	50 DINSE
	TIP	60179 (14-30) 60175 (14-35) 60168 (14-45)	TWECO® 2
	DIFFUSER	85341 (52)	
	NOZZLE	85335 (22-50) 85335 (22-62)	
210 MIG - CAT# 311 	MIG GUN	85508	TWECO® 1
	SPOOL GUN	85652	
	TIP	60170 (11-24) 60171 (11-30) 60172 (11-35) 60173 (11-45)	
	DIFFUSER	85339 (35-50)	
	NOZZLE	85336 (21-50) 85337 (21-62)	
190 MIG - CAT# 318 / 140 MIG - CAT# 309 	MIG GUN	85500	TWECO® 1
	TIP	60170 (11-24) 60171 (11-30) 60172 (11-35) 60173 (11-45)	
	DIFFUSER	85339 (35-50)	
	NOZZLE	85336 (21-50) 85337 (21-62)	
MULTI-PROCESS MACHINES	ACCESSORY	CAT#	STYLE/SIZE
190 MP - CAT# 324 / 140 MP - CAT# 322 	GUN	85500	TWECO® 1
	SPOOL GUN	85653	
	TIG TORCH	85654	17 FV
	FOOT PEDAL	85655	7 PIN
	GROUND	85667	25 DINSE
	STINGER	85669	
	ADAPTER CORD	85516	50A TO 20A
		85517	20A TO 15A

STICK/TIG MACHINES	ACCESSORY	CAT#
220 AC/DC TIG - CAT# 325 	TIG TORCH	85658
	FOOT PEDAL	85671
	GROUND	85668
	STINGER	85670
220 ST - CAT# 326 	GROUND	85668
	STINGER	85670
	ADAPTER CORD	85516
235 AC/DC STICK - CAT# 314 	GROUND	85667
	STINGER	85669
PLASMA CUTTERS	ACCESSORY	CAT#
700 P - CAT# 303 	ELECTRODE	85755
	TIP	85678, 85679, 85684
	SWIRL RING	85393
	O-RING	85492
	SHIELD CUP	85681, 85685
	SHIELD CAP	85686
	KIT	85676, 85677
	ADAPTER CORD	85516
325 P - CAT# 302 	ELECTRODE	85755
	TIP	85392, 85393
	SWIRL RING	85393
	O-RING	85492
	SHIELD CUP	85681
	KIT	85675
250 P+ - CAT# 317 	ELECTRODE	85755
	TIP	85392
	SWIRL RING	85393
	O-RING	85492
	SHIELD CUP	85394
	KIT	85674

**5/3/1
WARRANTY**

FORNEY INDUSTRIES 5/3/1 WARRANTY

5 YEARS	3 YEARS	1 YEAR
Original main power rectifiers only to include SCRs, diodes and discrete rectifier modules, transformers, stabilizers and reactors.	Drive systems, PC boards, motors, switches and controls.	Relays, contactors, regulators and accessories (Does not include MIG guns and plasma torches).

PLEASE VISIT WWW.FORNEYIND.COM/WARRANTY FOR COMPLETE WARRANTY INFORMATION.

A black sports car is shown in a workshop setting. The car is the central focus, with its sleek body and a prominent multi-spoke alloy wheel visible. The background is dark, with some workshop equipment and a bright light source creating a strong contrast. In the foreground, the tip of a welding torch with a copper-colored nozzle is visible, suggesting the car is being worked on or repaired.

MP

MP welding machines have multiple welding processes: MIG, TIG, and Stick. With the flip of a switch, you have the versatility to easily change between processes. These 3-in-1 machines are great for general fabrication, auto body, farm & ranch, maintenance & repair and contractor use.



Forney

Forney
190 MP

MULTI-PROCESS WELDER
230V - 50 AMP, 120 VOLT 20 AMP INPUT

5/31
WARRANTY

888

888

PROCESS SELECTOR

WELDING IN AMERICA
SINCE THE BEGINNING.

A / ϕ

V / ϕ THICKNESS

200A ON

150A ON

100A ON

50A ON

OFF

SPARK TEST

NO HOT START

200A ON

150A ON

100A ON

50A ON

OFF

THICKNESS

Model No. 190-1000-0000



5/3/1
WARRANTY



CAT# 322

FORNEY® 140 MP WELDER

Great for automotive, boat, farms, light industrial and general fabrication welding. TIG torch is not included.



5/3/1
WARRANTY



CAT# 324

FORNEY® 190 MP WELDER

Ideal for maintenance and repair, light industrial, farms, automotive, boat and general fabrication. This machine is also spool gun capable to weld aluminum. TIG torch not included.

MULTI-PROCESS MACHINES

SPECIFICATIONS	140 MP (322)	190 MP (324)
Input Voltage	120V 60 Hz	120V/230V 60 Hz
Phase	1-Phase	1-Phase
Input Current Amps	15A-20A	20A-50A
Min. Generator Power Required	6 kW	8 kW
Process(es)	MIG, Stick, DC-TIG	MIG, Stick, DC-TIG
Welding Mode	DC CC/CV	DC CC/CV
Plate Thickness Range	24 ga. - 1/4"	24 ga. - 3/8"
OUTPUT RANGE, AMPS		
MIG, GMAW, FCAW	30 - 140	30 - 190
SMAW, DC Stick	30 - 90	30 - 170
GTAW, DC TIG, Lift, non-HF	30 - 90	30 - 170
Duty Cycle	90A @ 20%	170A @ 25%
Max Open Circuit Voltage, OCV	MIG 60V Stick 60V TIG 6.5V	MIG 60V Stick 80V TIG 9.5V
Power Source Type	Inverter	Inverter
Voltage Steps	Infinite	Infinite
Digital Display	Yes	Yes
Synergic	Yes	Yes
Power Cord Length	15'	15'
Ground Clamp Length	10'	10'
Ground Clamp, Lead Connection	25 mm Dinse	25 mm Dinse
MIG Gun Length	10'	10'
MIG Gun Tweco® Compatible Consumables	#1	#1
Trigger Activated Arc	Yes	Yes
2T/4T Trigger Mode	Yes	Yes
MIG Gun Connection	Euro	Euro
Cast Aluminum Feeder	Yes	Yes
Wire Feed Speed Up to IPM	700	800
Drive Rolls	Dual Geared	Dual Geared
Acceptable Spool Sizes	4" & 8"	4" & 8"
WIRE DIAMETER RANGE		
Solid Wire & Stainless Steel	.023" - .035"	.023" - .035"
Flux Core & Aluminum	.030" - .035"	.030" - .035"
Electrode Holder with Lead	10'	10'
Electrode Holder, Connection	25 mm Dinse	25 mm Dinse
Electrode Holder, Rod Diameters	Up to 1/8"	Up to 5/32"
Spool Gun (optional)	85653	85653
Spool Gun Connection	7-Pin	7-Pin
Spool Gun Lead Length	20'	20'
TIG Torch (optional)	85654	85654
TIG Foot Pedal (optional)	85655	85655
Argon, AR/CO2 Flowgauge Regulator & 10' Hose	Included	Included
Cable Wrap	Included	Included
Running Gear	Optional	Optional
Spare Consumables	Yes	Yes
Dimensions	19" x 9.5" x 16.5"	19" x 9.5" x 16.5"
Weight	38 lbs.	43 lbs.
Warranty	5/3/1	5/3/1
Approvals	CSA	CSA



ADDITIONAL CONSUMABLES & ACCESSORIES: 140 MP & 190 MP



TW1 CONTACT TIPS
 CAT# 60170 - .023"
 CAT# 60171 - .030"
 CAT# 60172 - .035"



TW1 WELDING NOZZLE
 CAT# 85336 (1/2")
 CAT# 85337 (5/8")



DIFFUSER
 CAT# 85339



ANTI-SPATTER SPRAY
 CAT# 37030

NOZZLE GEL
 CAT# 37031



MILD STEEL MIG WIRE
 CAT# 42290 - .023" 2 Lb.
 CAT# 42291 - .030" 2 Lb.
 CAT# 42292 - .035" 2 Lb.
 CAT# 42285 - .023" 10 Lb.
 CAT# 42286 - .030" 10 Lb.
 CAT# 42287 - .035" 10 Lb.



FLUX CORE MIG WIRE
 CAT# 42300 - .030" 2 lbs.
 CAT# 42302 - .035" 2 lbs.
 CAT# 42301 - .030" 10 lbs.
 CAT# 42303 - .035" 10 lbs.



P.39 WELDING ROD:
140MP 3/32" to 1/8"
190MP 3/32" to 5/32"

TIG TORCH
 CAT# 85654



20' SPOOL GUN
 CAT# 85653

FOOT PEDAL
 CAT# 85655



P.93 Welding cart
P.98 Welding helmets
P.108 Welding gloves
P.94 Wire brushes
P.94 MIG pliers



MACHINE	DINSE SIZE	GUN/TORCH	SPOOL GUN	GROUND	STINGER	TIG TORCH	FOOT PEDAL
140 MP	25	85500	85653			85654	85655
190 MP	25	85500	85653	85667	85669	85654	85655



MIG

MIG welding was developed prior to WWII to aid in aluminum welding. It later became the dominant welding process by the 1970s and is now preferred by everyone from DIYers to industrial welders. This process is fast, economical, and easy to learn.



5/3/1
WARRANTY
See Owner's Manual
For Details.

CAD 318

4 5 6 7 8 9 10
3 2 1 0
WIRE FEED

FORNEY INDUSTRIES
WELDING IN AMERICA.
SINCE THE BEGINNING.
Forney Industries, Fort Collins, CO USA

230V
OFF
1 2 3 4

Forney
190 MIG

230V MIG WIRE FEED WELDER
WELDING RANGE UP TO 190 AMPS

GAS NO GAS

AIR COOLING
THERMAL OVERLOAD
PROTECTION

SP
LR114641

Forney



 **5/3/1**
WARRANTY

 **5/3/1**
WARRANTY

CAT# 319

CAT# 327

FORNEY® 270 MIG WELDER

FORNEY® 242 DUAL MIG WELDER

The Forney® 270 MIG welder is best used in light industrial, manufacturing, metal fabrication, maintenance/repair, automotive and for school & training applications.

The Forney® 242 Dual MIG is ideal for light industrial, manufacturing, metal fabrication, maintenance & repair, motorsports & auto body, farm & ranch and schools & training.



CAT# 311

CAT# 318

CAT# 309

FORNEY® 210 MIG WELDER

FORNEY® 190 MIG WELDER

FORNEY® 140 MIG WELDER

The Forney® 210 MIG welder is a versatile machine for farms, automotive, boats, general fabrication and repair welding.

The 190 MIG welder is great for DIY, metal fabrication, maintenance & repair, farm & ranch and automotive applications.

The Forney® 140 MIG welder is an ideal machine for farming, automotive and small welding repair.

 **5/3/1**
WARRANTY

 **5/3/1**
WARRANTY

 **5/3/1**
WARRANTY

FORNEY® MIG WELDERS

SPECIFICATIONS	140 MIG	190 MIG	210 MIG	242 DUAL MIG	270 MIG
CAT#	309	318	311	327 comes with std. MIG Gun 334 comes with std. MIG & Spool Gun	319
Input Voltage	120V 60 Hz	230V 60 Hz	230V 60 Hz	230V 60 Hz	230V 60 Hz
Phase	1-Phase				
Input Current, Amps	20A		30A	40A	
Min. Generator Power Required	6 kW	8 kW	9 kW	13 kW	
Process(es)	MIG				
Welding Mode	DC CV				
Plate Thickness Range	24 ga. - 1/4"	24 ga. - 3/8"			24 ga. - 1/2"
Output Range, Amps MIG, GMAW, FCAW	30 - 140	30 - 190	30 - 210	30 - 240	30 - 270
Duty Cycle	115A @20% 19.5V	120A @ 25%	130A @ 25% 20.5V	155A @ 60%	200A @ 60%
Max Open Circuit Voltage, OCV	32V	30V	19.5-38V	18-45V	
Power Source Type	Transformer				
Voltage Steps	4	6		10	
Digital Display	No			Yes	
Special Features	-			BBT & Slope	
Power Cord Length	15'				
Ground Clamp Length	10'	10'		10'	
Ground Clamp Lead Connection	-			50 mm Dinse (removable)	
MIG Gun Length	10'		15'		
MIG Gun Tweco® Compatible Consumables	#1		#2		
Trigger Activated Arc	Yes				
2T/4T Trigger Mode	No			Yes	
MIG Gun Connection	Euro		Quick Disconnect	Euro	
Cast Aluminum Feeder	Yes			Yes, Angled	
Wire Feed Speed Up to IPM	700	800		900	
Drive Rolls	Dual Geared				
Acceptable Spool Sizes	4" & 8"			4", 8" & 12"	
WIRE DIAMETER RANGE					
Solid Wire & Stainless Steel	.023" - .035"		.023" - .045"		
Flux Core & Aluminum	.030" - .035"		.030" - .045"		
Spool Gun Capable	No		Yes		
Spool Gun (optional)	-		85652	85651 Included with Cat# 334	85651
Spool Gun Connection	-		Connector	Euro & 7-Pin	Euro & 7-Pin
Spool Gun Lead Length	-		20'	20'	20'
Argon, AR/CO2 Flowgauge Regulator & 10' Hose	Included		Included 2 with Cat# 334		Included
Cable Wrap	Included		No		
Running Gear	Optional		Included		
Spare Consumables	Yes				
Dimensions	19"x 9.5"x 16.5"			38" x 14" x 34"	
Weight	57 lbs.	63 lbs.	78 lbs.	213 lbs.	240 lbs.
Warranty	5/3/1				
Approvals	CSA				

ADDITIONAL ACCESSORIES & CONSUMABLES: MIG MACHINES

CONTACT TIPS



CAT#	INDUSTRY STANDARD	140	190	210	242	270
60168	14-45					• •
60170	11-24	•	•	•		
60171	11-30	•	•	•		
60172	11-35		•	•		
60173	11-45		•	•		
60174	14-23				•	•
60175	14-35				•	•
60179	14-30				•	•

WELDING NOZZLES



	CAT#	INDUSTRY STANDARD
140	85336 (1/2")	21-50
190		
210	85337 (5/8")	21-62
242	85334 (1/2")	22-50
270		
	85335 (5/8")	22-62

MILD STEEL MIG WIRE



CAT#	140	190	210	242	270
42282				•	•
42285	•	•	•	•	•
42286	•	•	•	•	•
42287		•	•	•	•
42290	•	•	•	•	•
42291	•	•	•	•	•
42292		•	•	•	•

DIFFUSERS



	CAT#	INDUSTRY STANDARD
140	85339	35-50
190		
210		
242	85341	52
270		

FLUX CORE MIG WIRE



CAT#	140	190	210	242	270
42300	•	•	•	•	•
42301	•	•	•	•	•
42302		•	•	•	•
42303		•	•	•	•

ANTI-SPATTER SPRAY

CAT# 37030



NOZZLE GEL

CAT# 37031

SPOOL GUNS



	CAT#
210	85652
242	85651
270	



- P.93 Welding cart
- P.98 Welding helmets
- P.108 Welding gloves
- P.94 Wire brushes
- P.94 MIG pliers

GUNS/TORCHES



	CAT#
140	85500
190	
210	85508
242	85507
270	



LINERS

	CAT#	TRIGGER	MATERIAL	INDUSTRY STANDARD	
140	100202	RED	STEEL	124.9042	
190					
210					
	SPECIAL ORDER ONLY	RED	TEFLON	255-18-015	BNZ
140	100356	BLACK	STEEL	42-4045-15	
190					
210					
242	100357	BLACK	TEFLON	42N-3545-15	
270					



ADDITIONAL ACCESSORIES & CONSUMABLES



CAT# 299

FORNEY EASYWELD™ 125

The Forney EasyWeld™ 125 is ideal for DIY, maintenance & repair and for hobbyist applications.



CONTACT TIPS
CAT# 60171 (.030")



WELDING NOZZLE
CAT# 85336 (1/2")
CAT# 85337 (5/8")



DIFFUSER
CAT# 85339



FLUX CORE MIG WIRE
CAT# 42300 (.030") 2 lbs.
CAT# 42301 (.030") 10 lbs.



ANTI-SPATTER SPRAY
CAT# 37030

NOZZLE GEL
CAT# 37031



P.98 Welding helmets
P.108 Welding gloves
P.94 Wire brushes
P.94 MIG pliers

MIG CONSUMABLES & ACCESSORIES

Besides wire on spools, MIG welding requires more machine maintenance. Common consumables include tips, diffusers, nozzles, liners (spring steel – steel) & (Teflon® – aluminum), drive rolls (V-groove – solid wire) & (U-groove – aluminum) & (knurled – FC wires), and replacement guns or parts.



CAT# 85319
STEEL LINER 7 FT.

This steel liner is 7' long. Forney® & TWECO® style steel liner.



CAT# 85317
STEEL LINER 7 FT.

This steel liner is 7' long. Forney® & Clarke® style steel liner. Used with flux-cored wire.



CAT# 85354
TEFLON® TORCH LINER 10 FT.

This Teflon® liner is 10' long. It is ideal for use with aluminum welding wires. Flexible Teflon® material helps prevent kinks in softer wires being fed through the torch cable and also minimizes the possibility of wire contamination.



CAT# 85355
STAINLESS STEEL TORCH LINER 8.2 FT.

This MIG torch liner is 8.2' (2.5m) long. It is ideal for use in most wire feed welder torch assemblies. Durable stainless steel alloy is perfect for use in both flux core and MIG applications when welding with mild steel or flux core wire.



CAT# 85351
BINZEL® STYLE SPIRAL NOZZLE SPRING

This is a Binzel® style spring nozzle retainer. It helps the nozzle fit snugly into the swan neck. For use with Forney® 85330, 1/2" (12.7mm) bore nozzle, and 85340, gas diffuser.



CAT# 85500
MIG GUN WITH 10 FT. CABLE & EURO CONNECT

MIG gun with 10' cable & Euro Connect for Forney® 140 & 190 MIG and 140 & 190 MP welders, fits Forney® 309, 318, 322 & 324.

**CAT# 85651****SPOOL GUN FOR FORNEY®
270 MIG WELDER**

Fits Forney® 319 (270 MIG).

**CAT# 85652****SPOOL GUN FOR FORNEY®
210 MIG WELDER**

Fits Forney® 311 (210 MIG).

**CAT# 85653****SPOOL GUN FOR FORNEY®
MULTI-PROCESS WELDERS**

Fits Forney® 322 & 324 (140 MP & 190 MP).

MIG GUN CONTACT TIPS GUIDE

STANDARD	METRIC	MIG AMPERAGE RANGE	TYPICAL MATERIAL THICKNESS	TYPICAL APPLICATIONS
.024"	0.61 mm	<70A	<1/8"	Used for extremely thin materials or very low amperage DIY machines.
.030"	0.8 mm	50A-150A	1/16"-3/8"	A versatile diameter especially for DIY or sheet metal work. Recommended for 120V machines.
.035"	0.9 mm	70A-200A	1/16"-1/2"	Arguably the most common and versatile diameter that allows for sheet metal work up to fairly thick plates.
.045"	1.1 mm	120A-400A	1/8"+	A popular choice for plate fabrication and welding.
1/16" (.062)	1.6 mm	230A-600A	3/8"+	Typically the largest common diameter for very thick plate and "heavy welding" applications.

**TWECO® STYLE MIG CONTACT TIPS**

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	CARDED
60168	14-45	14-45 TWECO® style contact tip	.045"	4-PACK
60174	14-23	14-23 TWECO® style contact tip	.023"	4-PACK
60175	14-35	14-35 TWECO® style contact tip	.035"	4-PACK
60179	14-30	14-30 TWECO® style contact tip	.030"	4-PACK

**TWECO® STYLE MIG CONTACT TIPS**

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	CARDED
60170	11-23	11-23 TWECO® style contact tip	.024"	4-PACK
60171	11-30	11-30 TWECO® style contact tip	.030"	4-PACK
60172	11-35	11-35 TWECO® style contact tip	.035"	4-PACK
60173	11-45	11-45 TWECO® style contact tip	.045"	4-PACK

**MILLER® HOBART® STYLE MIG CONTACT TIPS**

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	CARDED
60164	087299	087299 Miller® Hobart® style contact tip	.023"	3-PACK
60165	000067	000067 Miller® Hobart® style contact tip	.030"	3-PACK
60166	000068	000068 Miller® Hobart® style contact tip	.035"	3-PACK
60167	000069	000069 Miller® Hobart® style contact tip	.045"	3-PACK

**MIG CONTACT TIPS - FITS FORNEY & OLD STYLE CLARKE® MIG GUNS**

CAT#	DESCRIPTION	SIZE	CARDED
60176	MIG contact tip .035" x 5/8"	.035" x 5/8"	4-PACK
60177	MIG contact tip .024" x 5/8"	.024" X 5/8"	4-PACK
60178	MIG contact tip .030" x 5/8"	.030" X 5/8"	4-PACK

BINZEL® STYLE NOZZLES

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	UNIT
85330	145.0075	145.0075 Binzel® style nozzle	1/2"	SINGLE
85350	145.0123	145.0123 Binzel® style nozzle	3/8"	SINGLE
85333	145.0168	145.0168 Binzel® style nozzle	5/8"	SINGLE

**TWECO® STYLE NOZZLES**

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	BAGGED
85338	21-62-FAS	21-62-FAS TWECO® style spot weld nozzle	5/8"	SINGLE
85334	22-50	22-50 TWECO® style nozzle	1/2"	SINGLE
85316	21-37	21-37 TWECO® style nozzle	3/8"	SINGLE
85337	21-62	21-62 TWECO® style nozzle	5/8"	SINGLE
85336	21-50	21-50 TWECO® style nozzle	1/2"	SINGLE
85335	22-62	22-62 TWECO® style nozzle	5/8"	SINGLE

**MILLER® HOBART® STYLE NOZZLES**

CAT#	OEM PART NUMBER	DESCRIPTION	SIZE	UNIT
60160	169-715	169-715 Miller® Hobart® style nozzle	1/2"	SINGLE
60161	169-725	169-725 Miller® Hobart® style nozzle	5/8"	SINGLE

**TWECO® STYLE GAS DIFFUSER**

CAT#	OEM PART NUMBER	DESCRIPTION	UNIT
85341	52	TWECO® style gas diffuser	SINGLE
85339	35-50	Forney®/TWECO® style gas diffuser (43.5mm)	SINGLE





MIG WIRE



CAT# 42298

.030 ER308 STAINLESS STEEL MIG WELDING WIRE, 2 LBS.

ER308 stainless steel MIG (GMAW) welding wire consists of 20% chromium and 10% nickel. Welds type 301, 302, 304, 308, 321 and 347 stainless steel. Applications include the food and beverage industry, maintenance and repair. Blue color coding on label. Required Shielding Gas: Argon or Argon/CO₂. Recommended Polarity: DCEP Reverse.

SPECIFICATIONS:

- Diameter (Inches): .030
- Weight Lbs. (Kg): 2 (.907)
- Tensile Strength (PSI): 79,000

ER70S-6 MILD STEEL WIRE

CAT#	DIAMETER (INCHES)	WEIGHT LBS. (KG)	DESCRIPTION
42290	.024"	2 (.907)	<p>ER70S-6 mild steel MIG wire is a high strength mild steel MIG wire. Ideal for auto body repair and fabrication on most ferrous metals. Contains a high level of manganese and silicon for a superior weld, even on rusty or dirty steel. Produces a smooth bead which requires less grinding. Not recommended for aluminum engines.</p> <p>REQUIRED SHIELDING GAS: ARGON/CO2</p> <p>SPECIFICATIONS:</p> <ul style="list-style-type: none"> Tensile Strength (PSI): 70,000 Polarity: DCEP
42285	.024"	10 (4.54)	
42291	.030"	2 (.907)	
42286	.030"	10 (4.54)	
42276	.030"	33 (14.97)	
42292	.035"	2 (.907)	
42287	.035"	10 (4.54)	
42281	.035"	33 (14.97)	
42282	.045"	33 (14.97)	

E71T-GS FLUX CORE MILD STEEL WIRE

CAT#	DIAMETER (INCHES)	WEIGHT LBS. (KG)	DESCRIPTION
42300	.030"	2 (.907)	<p>E71T-GS flux core MIG wire for mild steel is a self-shielded mild steel all position flux cored MIG welding wire. Best suited to single pass applications with high-travel speed. Moderate to low spatter. Although no gas is required, an Argon/CO2 mix will reduce spatter. Excellent on thin gauge mild steel.</p> <p>REQUIRED SHIELDING GAS: NONE</p> <p>SPECIFICATIONS:</p> <ul style="list-style-type: none"> Tensile Strength (PSI): 79,000 Polarity: DCEN
42301	.030"	10 (4.54)	
42302	.035"	2 (.907)	
42303	.035"	10 (4.54)	

ER5356 ALUMINUM WIRE

CAT#	DIAMETER (INCHES)	DESCRIPTION
42293	.030"	<p>ER5356 aluminum MIG wire features 5% magnesium content and a bright finish. It provides less "bird-nesting" on push-type MIG welders. Applications include diesel engine bases, truck frames, cargo tanks and gun mount bases.</p> <p>REQUIRED SHIELDING GAS: ARGON</p> <p>SPECIFICATIONS:</p> <ul style="list-style-type: none"> Weight: 1 Lb (.453 Kg) Tensile Strength (PSI): 63,000 Polarity: DCEP
42294	.035"	

ER5356 ALUMINUM WIRE

CAT#	DIAMETER (INCHES)	DESCRIPTION
42295	.030"	<p>ER4043 aluminum MIG wire features 5% silicon content and a bright finish. Works well with spool guns. Recommended for truck bodies, pressure vessels and structural components.</p> <p>REQUIRED SHIELDING GAS: ARGON</p> <p>SPECIFICATIONS:</p> <ul style="list-style-type: none"> Weight: 1 Lb (.453 Kg) Tensile Strength (PSI): 33,000 Polarity: DCEP
42296	.035"	



Forney

BASIC FUNCTIONS

- F1: SELECT MODE
- F2: SELECT MODE
- F3: SELECT MODE

TIG FUNCTIONS

- F4: PRESET
- F5: PRESET
- F6: FREQUENCY
- F7: PRESET

PROGRAM - CURRENT - VALUE

WELDING IN AMERICA. SINCE THE BEGINNING.

Forney Industries, Inc. Dallas, TX USA

220 TIG
220 AC/DC TIG WELDER
115V - 50 AMP



TIG

TIG welding was initially developed for aircraft and aerospace applications where precise and high quality welds are required. It is the most complicated of the common welding processes. It requires a high skill level, knowledge and coordination. It is primarily used on aluminum, stainless, and magnesium. Industries that commonly use TIG: aerospace, chemical processing, power plants, food processing, custom motorcycle and race car applications.



CAT# 325

FORNEY® 220 AC/DC TIG WELDER

The Forney® 220 AC/DC TIG welder features 20 default programs and 20 user-defined programs. This is a single phase, inverter machine that allows for both TIG and Stick processes. It is ideal for automotive, motorcycle, stainless & aluminum applications as well as fabrication or repair.

220 AC/DC	
CAT#	325 (machine only)
Input Voltage	230V 60 Hz
Phase	1-Phase
Input Current, Amps	50A
Process(es)	Stick, TIG
Welding Mode	AC/DC CC
Plate Thickness Range	Up to 1/2", Stick Up to 1/4", TIG
OUTPUT RANGE, AMPS	
SMAW, DC Stick	10-200A
GTAW, DC TIG, HF	10-200A
GTAW, DC TIG, Lift, non-HF	10-200A
Duty Cycle	60% @ 130A AC TIG 60% @ 140A DC TIG
Max Open Circuit Voltage, OCV	80V AC TIG 90V DC TIG 70V STICK
Power Source Type	Inverter
Current Control	Infinite
Digital Meter	Yes
Membrane Switches	Yes
TIG FEATURES	
Wave Form	Trapezoid
HF – High Frequency	Start and/or Weld
Pulse (PPS, % on, base current)	1-250 PPS
AC Frequency, Hertz	20-250 Hz

220 AC/DC	
AC Balance, % Electrode Negative	20-80
Pre-Flow with Post Flow	Yes
Crater Fill, Ramp Up/Down	Yes
Foot Pedal or Panel Control	Yes
Default Programs	20
User Defined Programs	20
STICK FEATURES	
Hot Start	Yes
Arc Force	Yes
Power Cord Length	15'
Ground Clamp Length	85668 15'
Ground Clamp Lead Connection	50 mm dinse
Electrode Holder with Lead	85670 15'
Electrode Holder Connection	50 mm dinse
Electrode Holder Rod Specs	Common
Electrode Holder Rod Diameters	Up to 3/16"
TIG Torch (optional)	85668, 85669
TIG Foot Pedal (optional)	85671
Argon, Ar/CO2 Flowmeter & 10' Hose	85664
Cable Wrap	Included
Running Gear	Optional
Dimensions	19" x 9.5" x 16.5"
Weight	56 lbs.
Warranty	5/3/1
Approvals	CSA

TIG CONSUMABLES & ACCESSORIES

Common TIG welding accessories include nozzles/cups (alumina or lava style), collets, and collet bodies. Other parts to supplement these common consumables include back caps, torch bodies, torch handles, and power/gas/water cable set ups.



CAT# 85671

14-PIN AC/DC TIG FOOT PEDAL

220 Amp AC/DC TIG foot pedal. Made in USA. 14-pin Amphenol connection. For use with Forney® 325, 220 AC/DC TIG welding machine.



CAT# 85655

TIG FOOT PEDAL FOR FORNEY® MULTI-PROCESS WELDERS

TIG foot pedal for Forney® multi-process welders, fits Forney® 322 & 324.



CAT# 85454

10N48 TIG WELDING CERAMIC CUP, 1/16 IN.

Replacement 1/16" (1.59mm) TIG (GTAW) welding torch ceramic cup.



CAT# 85450

2 PERCENT THORIATED TUNGSTEN ELECTRODE

This is a tungsten TIG (GTAW) electrode. It's 1/16" (1.59mm) x 7" (177.8mm) and contains 2% thoriated tungsten. Offers stability at medium currents and is suitable for use with DC TIG processes or AC processes with inverter based power suppliers. It's a 2-pack for use with Forney® 00390 TIG torch.

**CAT# 85459****10N31 TIG WELDING TORCH COLLET BODY, 1/16 IN.**

Replacement 1/16" (1.59mm) TIG (GTAW) welding torch collet body.

**CAT# 85455****10N23 TIG WELDING TORCH COLLET, 1/16 IN.**

Replacement 1/16" (1.59mm) TIG (GTAW) welding torch collet.

**CAT# 85465****57Y02 TIG WELDING TORCH BACKCAP, 4 IN.**

Replacement 4" (101.6mm) TIG (GTAW) welding torch back cap.

**CAT# 85470****SIZE 25 DINSE CONNECTOR WITH GAS PORT**

Size 25 dinse connector with gas port.

**CAT# 85654****17FV TIG TORCH FOR FORNEY MP MACHINES**

Forney TIG Torch for Forney MP welding machines. Air cooled size 17FV single-piece torch and consumables. Integrated gas line with valve on handle. 150 Amp capacity. Electrode range: .020 - 3/32" (0.5-2.4mm). Compatible with 200 Amp or lower machines with a size 25 dinse connection. **INCLUDES:** 12.5' torch with 1/8" collet and tungsten electrode, size #7 nozzle, 5/8" connector, and 36" gas hose.

**CAT# 85657****9FV TIG TORCH FOR FORNEY EASYWELD™ 298**

Air-cooled, single piece flexhead TIG torch with valve on handle. Flexible torch head. 125 Amp capacity. Electrode range: .020-3/32" (0.5-2.4mm). 25 dinse connection. Compatible with 200 Amp or lower machines with a size 25 dinse connection. **INCLUDES:** 12.5' torch with 3/32" Collet and tungsten electrode, size #6 nozzle, 5/8" connector, and 36" gas hose.

**CAT# 85658****17V TIG TORCH FOR FORNEY 325 & 326**

Air-cooled, single piece TIG torch with valve on handle. Rigid torch head; Flexible torch head available as CAT# 85659. 150 Amp Capacity. Electrode range: .020-3/32" (0.5-2.4mm). 50 dinse connection. Compatible with 200 Amp or lower machines with a size 50 dinse connection. **INCLUDES:** 12.5' torch with 1/8" collet and tungsten electrode, size #7 nozzle, 5/8" connector, and 36" gas hose.

**CAT# 85659****17FV TIG TORCH FOR FORNEY 325 & 326 WELDERS**

Size 17 Air-cooled, single piece flexhead TIG torch with valve on handle. Flexible torch head. 150 Amp capacity. Electrode range: .020 - 3/32" (0.5-2.4mm). 50 dinse connection. Compatible with 200 Amp or lower machines with a size 50 dinse connection. **INCLUDES:** 12.5' torch with 1/8" collet and tungsten electrode, size #7 nozzle, 5/8" connector, and 36" gas hose.

INERT GAS ACCESSORIES



CAT# 85363

ARGON/CO2 REGULATOR KIT (CGA-580)

Designed for light and medium MIG and TIG applications to provide accurate flow of gas. Dual scale gauge with impact resistant polycarbonate lens and machined brass body for maximum durability. Includes adapter for 5/32" (4mm) gas hose.



CAT# 85362

ARGON/CO2 STEEL CYLINDER, 20 CF (CGA-580)

20 cubic feet (CF) at 70° F (21.1° C). DOT specifications: 3AA-2015. Height without cap: 14" (355.6mm). Weight: 9.6 Lbs. (4.4 Kg). 3/4"-14 NGT internal thread connection. Cylinder shipped empty.



CAT# 85359

FORNEY® F1306/308 4MM GASLINE-TO-REGULATOR ADAPTER

This adaptor quickly and easily converts the 9/16"-18 thread output on many gas regulators for use with 4mm (5/32") outside diameter gas hose. The unit features a quick release collar for fast, easy installation and removal of gas hose. Fits Forney® 00306 & 00308 MIG welders.



CAT# 85663

15 FT. GAS HOSE

Gas Hose 15' with 5/8" Male Connections. Long gas hose for use on standard MIG and TIG regulators and flowmeters. For EasyWeld™ 298 and Forney® 309, 311, 318, 319, 322, 324, 325, 326 & 327.

CAT# 85662**ARGON/CO2 REGULATOR WITH CGA-580 INLET & 5/8-18 RH THREAD OUTLET**

Argon/CO2 Regulator for MIG or TIG welding. Uses industry standard CGA-580 inlet connection and 5/8-18 RH thread outlet. Rated at 60 CFH and 3000 PSI inlet pressure. For use with Argon or Argon shielding gas mixes.

It is compatible with typical U.S. standards and can be used on most MIG and TIG machines including Forney machines that use a 5/8" gas connection. For EasyWeld™ 298 and Forney® 309, 311, 318, 319, 322, 324, 325, 326 & 327.

CAT# 85364**ARGON/CO2 FLOWMETER CGA-580 INLET & 5/8-18 RH THREAD OUTLET**

Combination of regulator and flow meter as one single stage piston design unit.

SPECIFICATIONS:

- 0 - 60 SCFH flow
- Preset output 50 PSIG for argon and CO2
- Weight: 1 lb. (.454 Kg)

FEATURES:

- Regulator and flow meter in one unit.
- Provides accurate regulation of gas flow.
- Impact resistant machined brass body, polycarbonate flow tube and outer cover.
- Designed for MIG and TIG applications.

CAT# 85664**PREMIUM 100% ARGON OR ARGON/CO2 FLOWMETER KIT WITH CGA-580 FITTINGS FOR FORNEY® 325**

Flowmeter made in USA. High quality flowmeter for TIG or MIG welding. For use with 100% Argon or Argon/CO2 mixture. Standard CGA-580 fitting.

TIG WIRE



TIG FILLER METALS

CAT#	FILLER METAL	DIAMETER (INCHES)	WEIGHT LBS. (KG)	TENSILE STRENGTH (PSI)	LENGTH (INCHES)
48524	ER4043 Aluminum	1/16"	1 (.453)	61,600	36"
48522	ER70S-6 Mild Steel	1/16"	1 (.453)	77,600	36"
48520	ER309L Stainless Steel	1/16"	1 (.453)	85,000	36"

TUNGSTEN RECOMMENDATIONS

TUNGSTEN RECOMMENDATIONS

1.5% LANTHANATED	Non-radioactive. Optimal performance achieved when used in Direct Current (DC) on transformer-based Constant Current (CC) power sources. Adequate substitute for Thoriated tungsten electrodes. Recommended for non-corroding steels, titanium alloys, nickel alloys, and copper alloys. Operating characteristics include: good DC arc strikes and stability, average erosion rate, and moderate tendency to spit.
2% LANTHANATED	Non-radioactive. Optimal performance achieved when used in either Alternating Current (AC) or Direct Current (DC) on inverter or transformer-based Constant Current (CC) power sources. Recommended for low-alloyed steels, non-corroding steels, aluminum alloys, magnesium alloys, titanium alloys, nickel alloys, and copper alloys. Operating characteristics include: good arc starts and stability, medium to high amperage range, and low erosion rate.
2% CERIATED *PREVIOUSLY ORANGE	Non-radioactive. Optimal performance achieved when used in either Alternating Current (AC) or Direct Current (DC) on inverter or transformer-based Constant Current (CC) power sources. Recommended for low-alloyed steels, non-corroding steels, aluminum alloys, magnesium alloys, titanium alloys, nickel alloys, and copper alloys. Operating characteristics include: good arc strikes and re-strikes, long service file, outstanding arc stability, low erosion rate, no spitting, and reliable DC arc starts and stability. Also noted for its exceptional performance at low amperage.
2% THORIATED	Radioactive. Optimal performance achieved when used in Direct Current (DC) on transformer-based Constant Current (CC) power sources. Recommended for non-corroding steels, titanium alloys, nickel alloys, and copper alloys. Operating characteristics include: good DC arc strikes and stability, average erosion rate, and moderate tendency to spit.
PURE	Non-radioactive. Suitable only for Alternating Current (AC) on transformer-based Constant Current (CC) power sources. Recommended for non-critical welding of aluminum alloys and magnesium alloys using low to medium amperage. Operating characteristics include: tendency to ball and spit at higher amperage.



STICK

Stick/Arc or SMAW (Shielded Metal Arc Welding) is one of the oldest and most popular welding methods and was popularized between WWI and WWII. It offers the user excellent portability and is popular in outside work, field repair construction, pipe welding, and maintenance and repair welding.



220 ST

STICK/TIG WELDER

230V - 50 AMP, 120V - 20 AMP INPUT

INTEGRATED STORAGE

WELDED IN AMERICA
SINCE THE BEGINNING
Every Machine. For Life. © 2014

Forney

5/3/1
WARRANTY



5/3/1
WARRANTY



CAT# 326

FORNEY® 220 ST WELDER

The Forney® 220 ST welder is best for outdoor repairs, farm & ranch, and use with rusty/dirty materials.



5/3/1
WARRANTY



CAT# 314

FORNEY® 235 AC/DC ARC WELDER

The Forney® 235 FI AC/DC Stick welder is perfect for DIY, agriculture, maintenance & repair, automotive, contractor and metal fabrication applications. It's easy to use and is ready to weld out of the box. It can weld from 24-gauge to 1/2 inch thickness at 45 to 235 amps.

STICK MACHINES		
SPECIFICATIONS	220 ST	235 AC/DC
CAT#	326	314
Input Voltage	120V/230V 60 Hz	230V 60 Hz
Phase	1-Phase	1-Phase
Input Current, Amps	20-50A	50A
Process(es)	Stick, DC-TIG	Stick
Welding Mode	DC CC	AC/DC CC
Plate Thickness Range	Up to 1/2"	Up to 1/2"
OUTPUT RANGE, AMPS		
SMAW, DC Stick	10-100A, 120V 10-200A, 230V	35-185A
SMAW, AC Stick	-	40-235A
GTAW, DC TIG, Lift, non-HF	10-100A, 120V 10-200A, 230V	-
Duty Cycle	25% @ 200A, 230V 40% @ 100A, 120V	35% @ 135A, DC 50% @ 150A, AC
Max Open Circuit Voltage, OCV	Stick 60V	Stick 70V
Power Source Type	Inverter	Transformer
Current Control	Infinite	Shunt
Power Cord Length	15'	15'
Power Cord Adaptor Included	50A to 20A	-
Ground Clamp Length	15'	15'
Ground Clamp Lead Connection	50 mm dinse	25 mm dinse
Electrode Holder with Lead	15'	15'
Electrode Holder Connection	50 mm dinse	25 mm dinse
Suggested Electrode Diameters	1/16" – most 3/16"	1/16" – 5/32"
Electrode Holder Rod Diameters	Up to 3/16"	Up to 5/32"
TIG Torch (optional)	85658, 85659	-
Cable Wrap	Included	N/A
Running Gear	Optional	329
Sample Wire	No	No
Sample Electrodes	No	No
Consumable Storage	Integrated compartment	-
Operating Manual	Yes	Yes
Dimensions	19" x 9.5" x 16.5"	12" x 16.5" x 30.5"
Weight	49 lbs.	108 lbs.
Warranty	5/3/1	5/3/1
Approvals	CSA	CSA



ADDITIONAL ACCESSORIES & CONSUMABLES: 235 AC/DC & 220 ST



P.32 TIG TUNGSTEN & FILLER RODS



P.39 WELDING ROD:
235 AC/DC 3/32" up to 5/32"
220 ST 1/16" up to most 3/16"



P.93 Welding cart
P.98 Welding helmets
P.108 Welding gloves
P.94 Wire brushes
P.94 MIG pliers
P.94 Chipping hammer

MACHINE	DINSE SIZE	GROUND	STINGER	TIG TORCH
100 ST	25	85667	85669	85657
220 ST	50	85668	85670	85658, 85659
235 AC/DC	25	85667	85669	N/A



CAT# 298

**FORNEY EASYWELD™
100 ST WELDER**

The Forney EasyWeld™ 100 ST Stick/TIG welder is ideal for DIY, maintenance & repair and hobbyist applications.

ADDITIONAL ACCESSORIES & CONSUMABLES

P.39 WELDING ROD:
1/16" to most 3/16"



**P.32 TIG TUNGSTEN
& FILLER RODS**



- P.98** Welding helmets
- P.108** Welding gloves
- P.94** Wire brushes
- P.94** Chipping hammer
- P.29** TIG Torches
- P.101** Safety Glasses

See **FORNEYIND.COM**
for our full PPE &
Abrasives product lines!



STICK CONSUMABLES & ACCESSORIES

The main consumables used in stick welding are electrodes and the occasional replacement of ground and electrode cables. External shielding gas is not used but rather the flux on the electrode acts as the shielding for the welding puddle and helps stabilize the arc. Different electrodes and flux types (coating on the rod) provide different arc characteristics and have unique attributes designed for certain applications.



CAT# 56205

HEAVY-DUTY ELECTRODE HOLDER, BERNARD® STYLE

This electrode holder is a screw-type, 400A, heavy-duty 8.5" (215.9mm) long electrode holder. Accepts up to #2 welding cable and electrodes from 3/32" (2.38mm) to 3/16" (4.76mm). Features a brass body, no slip easy grip handle, vulcanized fiber insulators, and oval point screw for positive contact of cable and handle. A quick turn of the handle locks the jaws tight on the rod.



CAT# 85669

15 FT. ELECTRODE HOLDER WITH CABLE, 150 AMP

150 Amp, 15' Electrode Holder with Cable. Made in USA. Size 25 dinse connector. For use on 200 Amp or lower machines with 25 dinse connections. For EasyWeld™ 298 and Forney® 314, 322 & 324



CAT# 85670

15 FT. ELECTRODE HOLDER WITH CABLE, 250 AMP

250 Amp, 15' Electrode Holder with Cable. Made in USA. Size 50 dinse connector. For use on 200 Amp or higher machines with 50 dinse connections. For Forney® 325 & 326.



CAT# 56000

200 AMP ELECTRODE HOLDER, LENCO® STYLE

This electrode holder is 200A, 8.5" (215.9mm) long brass body with fiberglass cover and trigger. Accepts up to #2 welding cable and 5/32" (3.97mm) electrodes. Provides excellent conductivity and durability. Insulated for safety and maximum operator protection. Grooved jaws allow electrodes to be used at different angles for greater comfort and efficiency.



CAT# 56200

300 AMP ELECTRODE HOLDER, LENCO® STYLE

This electrode holder is 300A, 8.5" (215.9mm) long brass body with fiberglass cover and trigger. Accepts up to #2 welding cable and 3/16" (4.76mm) electrodes. Provides excellent conductivity and durability. Insulated for safety and maximum operator protection. Grooved jaws allow electrodes to be used at different angles for greater comfort and efficiency.



CAT# 93097

DELUXE ROD STORAGE CONTAINER (RED)

Storage container is made of high impact polypropylene plastic. 14-3/8" (365.13mm) overall length (OAL). Includes four (4) internal compartments to separate rod. Screw-type cap and rubber o-ring provide clean, dry, air-tight storage for electrodes. Store up to 10 lbs. (4.54 Kg).

**CAT# 55207****LEATHER ROD POUCH**

Leather sheath features reinforced bottom with belt loop and steel snap. 14" (355.6mm) overall length (OAL). Fits a 2" (50.8mm) work belt. Lets you carry electrodes to your work, right at your fingertips!

STICK ELECTRODES

**CAT# 45889****4043 DC ALUMINARC 1/8 IN., 1/2 LB.**

E4043 DC aluminum "AluminArc" specialty welding electrodes are the highest strength alloy for arc and torch welding of low alloy aluminum. Excellent for cast, wrought and extruded aluminum in all positions. Can also be used as a torch brazing alloy. Typical applications include truck beds, loading ramps and docks, banisters, stairs, diamond plate, irrigation piping, engine blocks, transmission housings and railroad frogs. Recommended Polarity: DC Reverse.

SPECIFICATIONS:

- Diameter (Inches): 1/8"
- Weight Lbs. (Kg): .5 (.22)
- Tensile Strength (PSI): 34,000
- Amperage: 70-120

**CAT# 31610****E6010 MILD STEEL 1/8 IN., 10 LBS.**

E6010 mild steel "pipe rod" is an all purpose electrode used in all positions. A deep penetrating rod for carbon and galvanized steel. E6010 is for use with a DC welder and runs on DCEP (reverse polarity). It is ideal for welding through light to medium amounts of dirt, rust or paint. Recommended Polarity: DCEP (Reverse Polarity).

SPECIFICATIONS:

- Diameter (Inches): 1/8"
- Weight Lbs. (Kg): 10 (4.53)
- Tensile Strength (PSI): 80,000
- Amperage: 35-125

**CAT# 31650****E6010 MILD STEEL 1/8 IN., 50 LBS.**

E6010 welding rod is a quick-starting, cellulosic mild steel electrode that provides outstanding arc stability, penetration and wash-in. Ideal for welding in all positions and produces X-ray quality weld with light slag that is easy to remove. It can be used to weld the following API 5L steels: Grade A, B, X-42, X-46, X-52, X-56 and for the root pass on material up to X-80. Applications include construction and shipbuilding, general purpose fabrication, maintenance welding, out-of-position X-ray welds, pipe welding and vertical and overhead plate welding. Recommended Polarity: DCEP.

SPECIFICATIONS:

- Tensile Strength (PSI): 80,000
- Amperage: 35-125
- Yield Strength (PSI): 72,000
- Elongation: 28%



CAT# 43400

NOMACAST HARD CAST IRON 1/8 IN., 1/2 LB.

“Nomacast” non-machinable cast iron specialty welding electrodes feature a non-conductive coating that is specially developed for welding dirty, heat-affected and oxidized cast iron. Ideally suited to cladding contaminated casting prior to joining with high nickel alloys. Non-machinable. Typical applications include machine bases, pedestals, frames and housings where heat

and machinability are not an important factor. Hardness: RC 39. Recommended Polarity: DC Reverse, Straight or AC.

SPECIFICATIONS:

- Diameter (Inches): 1/8”
- Weight Lbs. (Kg): .5 (.22)
- Tensile Strength (PSI): 62,000
- Amperage: 70-125



CAT# 43401

NOMACAST HARD CAST IRON 1/8 IN., 1 LB.

“Nomacast” non-machinable cast iron specialty welding electrodes feature a non-conductive coating that is specially developed for welding dirty, heat-affected and oxidized cast iron. Ideally suited to cladding contaminated casting prior to joining with high nickel alloys. Non-machinable. Typical applications include machine bases, pedestals, frames and housings where heat

and machinability are not an important factor. Hardness: RC 39. Recommended Polarity: DC Reverse, Straight or AC.

SPECIFICATIONS:

- Diameter (Inches): 1/8”
- Weight Lbs. (Kg): 1 (.453)
- Tensile Strength (PSI): 62,000
- Amperage: 70-125



CAT# 42801

SUPERWEAR HEAVY ABRASION 5/32 IN., 1 LB.

Super wear heavy abrasion specialty welding electrodes are ideal for parts that require a high level of durability because of high-impact and medium abrasion. Heat treatable. Hardness: RC 58-60. Recommended Polarity: DC Reverse or AC.

SPECIFICATIONS:

- Diameter (Inches): 5/32”
- Weight Lbs. (Kg): 1 (.453)
- Amperage: 160-200



CAT# 45860

SUPERBLAST GOUGING 1/8 IN., 1 LB.

Forney® Superblast gouging electrodes are ideal for chamfering, grooving and cutting all ferrous metals using common welding equipment. It is the fastest method of removing unwanted metal. Recommended Polarity: DC Straight or AC.

SPECIFICATIONS:

- Diameter (Inches): 1/8”
- Weight Lbs. (Kg): 1 (.453)
- Amperage: 170-250



E6013 MILD STEEL "GENERAL PURPOSE" ELECTRODES

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
30301	3/32"	1 (.453)	50-70	Forney® E6013 is an all-position, general purpose electrode with medium to shallow penetration; it is well-suited for welding thin materials at low amperage. The Forney E6013 has excellent arc initiation, soft and stable arc characteristics, low spatter, and easy slag removal.
30305	3/32"	5 (2.26)	50-70	
30401	1/8"	1 (.453)	70-110	
30405	1/8"	5 (2.26)	70-110	
30410	1/8"	10 (4.53)	70-110	
30450	1/8"	50 (22.7)	70-110	
30505	5/32"	5 (2.26)	115-140	
30510	5/32"	10 (4.53)	115-140	
30550	5/32"	50 (22.7)	115-140	
40101	5/32"	.5 (.226)	20-40	
40102	1/16"	1 (.453)	20-40	SPECIFICATIONS:
40201	5/64"	.5 (.226)	30-50	
40202	5/64"	1 (.453)	30-50	

SPECIFICATIONS:

- Tensile Strength (PSI): 62,000
- Elongation % : 17
- All positions
- Polarity: DCEP, DCEN, AC

E7018 MILD STEEL LOW-HYDROGEN ELECTRODE

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
30701	3/32"	1 (.453)	65-100	Forney® E7018 is a low-hydrogen, electrode recommended for welding applications involving structural steel, construction, pressure vessels, boilers, pipes, bridges, power plants, naval, and other high-strength steels where hydrogen control is imperative. This electrode displays a stable arc, smooth and finely rippled bead pattern, and easy slag removal.
30705	3/32"	5 (2.26)	65-100	
30725	3/32"	25 (11.34)	65-100	
30801	1/8"	1 (.453)	100-140	
30805	1/8"	5 (2.26)	100-140	
30810	1/8"	10 (4.53)	100-140	
30825	1/8"	25 (11.34)	100-140	
30850	1/8"	50 (22.7)	100-140	
30851	1/8"	50 (22.7)	100-140	
30905	5/32"	5 (2.26)	140-190	
30910	5/32"	10 (4.53)	140-190	SPECIFICATIONS:
30950	5/32"	50 (22.7)	140-190	
30951	5/32"	50 (22.7)	140-190	

SPECIFICATIONS:

- Tensile Strength (PSI): 74,000
- Elongation %: 22
- All positions, except vertical down
- Polarity: DCEP, DCEN

E7018 AC MILD STEEL LOW-HYDROGEN ELECTRODES

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION	
30680	3/32"	1 (.453)	65-100	Forney® E7018 AC mild steel welding rods easily produce quality results on smaller amperage AC/DC welders. Suitable for all positions on hardenable steels where no pre-heat is used and on cold rolled steels normally exhibiting excessive porosity when welded with conventional rod. The low-hydrogen content reduces cracking and peeling of the weld material. Features excellent restart capability. Designed for welding low, medium and high carbon steels as well as some higher strength low alloy steel. For frames, trailer hitches and chassis.	
30681	3/32"	5 (2.26)	65-100		
30684	1/8"	1 (.453)	100-140		
30685	1/8"	5 (2.26)	100-140		
30686	1/8"	10 (4.53)	100-140		
30626	1/8"	25 (11.34)	100-140		
30687	1/8"	50 (22.7)	100-140		
30689	5/32"	5 (2.26)	140-190		
30690	5/32"	10 (4.53)	140-190		SPECIFICATIONS:
30691	5/32"	50 (22.7)	140-190		

SPECIFICATIONS:

- Tensile Strength (PSI): 84,000
- All positions, except vertical down
- Polarity: DCEP, DCEN, AC

**E6011 MILD STEEL "SUPERSIXTY" ELECTRODES**

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
31101	3/32"	1 (.453)	25-75	Forney® E6011 is a cellulose electrode for high penetration welding of carbon steels. This electrode displays a stable arc with rapid puddle solidification, which facilitates operation in the overhead and upward vertical positions. The Forney E6011 can be run at relatively low amperage and maintains good mechanical properties at subzero temperatures.
31105	3/32"	5 (2.26)	25-75	
31125	3/32"	25 (11.34)	25-75	
31201	1/8"	1 (.453)	35-125	
31205	1/8"	5 (2.26)	35-125	
31210	1/8"	10 (4.53)	35-125	
31225	1/8"	25 (11.34)	35-125	
31250	1/8"	50 (22.7)	35-125	
31305	5/32"	5 (2.26)	50-160	
31310	5/32"	10 (4.53)	50-160	
31350	5/32"	50 (22.7)	50-160	

SPECIFICATIONS:

- Tensile Strength (PSI): 62,000
- Elongation %: 22
- All positions
- Polarity: DCEP, DCEN, AC

**E7014 MILD STEEL "SUPER CONTACT" ELECTRODES**

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
32001	3/32"	1 (.453)	70-90	Forney® E7014 is suitable for welding carbon and low-alloy steels. This is a general purpose, high-deposition electrode; it operates at higher amperage than other general purpose electrodes such as E6013. This electrode is also suitable for thinner materials where minimal penetration is sufficient. The Forney E7014 produces a smooth and finely rippled bead pattern and easy slag release.
32005	3/32"	5 (2.26)	70-90	
32101	1/8"	1 (.453)	110-140	
32105	1/8"	5 (2.26)	110-140	
32110	1/8"	10 (4.53)	110-140	
32125	1/8"	25 (11.34)	110-140	
32205	5/32"	5 (2.26)	140-190	
32210	5/32"	10 (4.53)	140-190	

SPECIFICATIONS:

- Tensile Strength (PSI): 71,000
- Elongation % : 17
- All positions
- Polarity: DCEP, AC

**SUPERCOTE HARD FACING ELECTRODES**

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
42401	5/32"	1 (.453)	115-160	Forney® Supercote hard facing specialty welding electrodes are excellent low cost rods for moderate abrasion and low impact application. It can be forged and provides a crack resistant weld. It features smooth arc action and easy slag removal. Typical applications include surface buildup on new or worn machine parts of cast steel and manganese steel.
42405	5/32"	5 (2.26)	115-160	
42450	5/32"	50 (22.7)	115-160	

SPECIFICATIONS:

- All positions
- Polarity: DC reverse or AC

E312-16 STAINLESS ALLOY ELECTRODES

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
44556	3/32"	.5 (.22)	35-70	Forney® E312-16 is an austenitic-ferritic electrode primarily used for repair and maintenance of austenitic and ferritic steels, high-manganese steels with alloy and non-alloy steels, and other metals that are not easily welded. This electrode offers a stable arc, minimal spatter, easy slag removal, and a smooth bead profile. The high tensile strength and crack resistance makes it ideal for welding crack-sensitive steel or dissimilar metals. The Forney E312-16 can be used for a variety of applications in the repair and maintenance of tools, machine and drive components.
44557	3/32"	1 (.453)	35-70	
44559	1/8"	.5 (.22)	60-110	
44560	1/8"	1 (.453)	60-110	

SPECIFICATIONS:

- Tensile Strength (PSI): 116,000
- Elongation %: 22
- All positions
- Polarity: DCEP, DCEN, AC

SUPER NI-CAST 99% NICKEL ELECTRODES

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
45300	3/32"	.5 (.22)	70-90	Forney® Super Ni-Cast 99% Nickel Electrodes electrode is used for maintenance and repair welding of all commercial types of cast iron, as well as for fusing iron to cast steel. This electrode produces spatter-free welds in all positions using minimal amperage. The weld deposits are fully machinable.
45301	3/32"	4 (.453)	70-90	
45400	1/8"	.5 (.22)	80-120	
45401	1/8"	1 (.453)	80-120	

SPECIFICATIONS:

- Tensile Strength (PSI): 46,000
- All positions, except vertical down
- Polarity: DCEP, DCEN, AC

SUPER NI-CAST 55% NICKEL ELECTRODES

CAT#	DIAMETER (INCHES)	WEIGHT LBS (KG)	AMPERAGES	DESCRIPTION
45460	3/32"	.5 (.22)	50-80	Forney® Super Ni-Cast 55% Nickel Electrodes electrode is intended for repair and maintenance welding of cast iron, cast steel, and for joining these base metals to steel, copper, and copper alloys. This electrode produces spatter-free welds in all positions using minimal amperage. The weld deposits are fully machinable.
45461	3/32"	1 (.453)	50-80	
45464	1/8"	.5 (.22)	70-110	
45465	1/8"	1 (.453)	70-110	

SPECIFICATIONS:

- Tensile Strength (PSI): 32,000
- All positions, except vertical down
- Polarity: DCEP, DCEN, AC

MORE POWER, MORE POSSIBILITIES



THE 242 DUAL MIG WAS DESIGNED TO HELP SAVE TIME IN THE WORKPLACE

The Forney 242 Dual MIG was designed to help save time in the workplace. Dual MIG refers to the two Euro connectors – one dedicated strictly for the MIG gun and the other is for a spool gun. This machine is robust with capabilities for welding the thinnest sheet metal up to thick plate where it can spray transfer .035" wire, increasing deposition rates and providing spatter free welds.

Forney[®]



PLASMA

Plasma cutting is used for fine/intricate cutting of steel and other metals of varying thicknesses. It is used in applications like HVAC, construction, fabrication, artwork, and many more. Plasma cutting uses compressed air and an electrical arc to cut. It is a very easy process to learn and is great for precise cuts. It is generally limited to ~2" max cutting capacity.

CAT# 123

190669

Forney

700 P

PLASMA CUTTER

230V - 50 AMP, 120V - 20 AMP INPUT

INTEGRATED STORAGE

	OUTPUT	CLEAN CUT	MAX CUT
120V	25A	.375" (3/8")	.500" (1/2")
230V	40A	.500" (1/2")	.750" (3/4")

READ AIR FLOW

- POWER
- TEMP
- FAULT
- TORCH



AMPS

120V 230V

5/3/1
WARRANTY
See Owner's Manual for Details

WELDING IN AMERICA.
SINCE THE BEGINNING.
Forney Industries, Fort Collins, CO USA

Forney

PT-40

EASY FIT



 **5/3/1**
WARRANTY

CAT# 303

FORNEY® 700 P PLASMA CUTTER

The Forney® 700 P plasma cutter is ideal for auto body, farm & ranch, sheet metal, HVAC, plumbing, and contractor applications. Uses an electrical arc and compressed air to cut steel, aluminum and other conductive metals. The drag torch technology allows you to move (drag) the torch directly across the metal surface for more precise cuts with or without a template.



CAT# 302

FORNEY® 325 P PLASMA CUTTER

The Forney® 325 P plasma cutter is best for sheet metal to plate cutting, auto body, farm & ranch, HVAC, plumbing, and contractor applications.

 **5/3/1**
WARRANTY



CAT# 317

FORNEY® 250 P+ PLASMA CUTTER

The Forney® 250 P+ plasma cutter has a built-in air compressor and is ideal for auto body, farm & ranch, sheet metal, HVAC, plumbing, and contractor applications.

 **5/3/1**
WARRANTY

FORNEY® PLASMA CUTTERS

SPECIFICATIONS	250 P+	325 P	700 P
CAT#	317	302	303
Input Voltage	120V 60 Hz	120V 60 Hz	120/230V 60 Hz
Phase	1-Phase		
Input Current Amps	15-20A	15-20A	20-40A
Process	Air Plasma	Air Plasma	Air Plasma
Clean Cut, Mild Steel	1/8"	1/4"	1/2"
Sever, Mild Steel	1/4"	3/8"	3/4"
Output Range, Amps	12A	10-20A	20-40A, 230V 20-25A, 120V
Duty Cycle	25% @ 12A 84.8V	50% @ 20A 88V	60% @ 25A, 230V 25% @ 30A, 120V
Max Open Circuit Voltage, OCV	310V	310V	480V
Power Source Type	Inverter	Inverter	Inverter
LED Status Lights	Yes	Yes	Yes
Power Cord Length	15'	15'	15'
Power Cord Adaptor Included	No	Yes	Yes
Ground Clamp Length	15'	15'	15'
Ground Clamp Lead Connection	Hard Wired	Hard Wired	25mm Dinse
Plasma Torch	15'	15'	15' Removable
Consumables	Forney®	Forney®	Forney® 2-Sets Performance & Versatility
Pilot Arc	18-22A	18-22A	18-22A
Ignition	Non-High Frequency	Non-High Frequency	Non-High Frequency
Trigger Guard	Yes	Yes	Yes
Drag Torch	Yes	Yes	Yes
Torch Wrap	Yes	Yes	Yes
Air Source	Built-in Air Compressor	Shop Air or Nitrogen	Shop Air or Nitrogen
Air Pressure	Built-in Air Compressor	60-80 psi	60-80 psi
Air Flow Requirement	Built-in Air Compressor	3.5 cu. ft./min	3.5 cu. ft./min
Air Regulator/Moisture Separator	Yes	Yes	Yes
Spare Consumables	Yes	Yes	Yes
Consumable Storage	Yes	Yes	Compartment
Operating Manual	Yes	Yes	Yes
Dimensions	17"x 8"x 15.5"	17"x 8"x 15.5"	19"x 9.5"x 16.5"
Weight	41 lbs.	30 lbs.	48 lbs.
Warranty	5/3/1	5/3/1	5/3/1
Approvals	CSA	CSA	CSA



ADDITIONAL ACCESSORIES & CONSUMABLES: PLASMA CUTTERS



ELECTRODE & TIPS

CAT#	250P+	325P	700P
85678		•	•
85679			•
85684			•
85755	•	•	•
85392	•	•	



PLASMA SHIELD CUPS & CAP

CAT#	250P+	325P	700P
85681		•	•
85685			•
85686			•
85394	•		



CONSUMABLE KITS

CAT#	250P+	325P	700P
85676			•
85677			•
85675		•	
85674	•		



**SWIRL RING,
ALL TORCHES**
CAT# 85393



**0.65MM PLASMA CUTTING
ELECTRODE, ALL TORCHES**
CAT# 85755

- P.101** Safety Glasses
- P.108** Welding Gloves
- P.94** Abrasives
- P.93** Welding cart

See **FORNEYIND.COM**
for our full PPE &
Abrasives product lines!



MACHINE	ELECTRODE	TIP	SWIRL RING	O-RING	SHIELD CUP	SHIELD CAP	KIT
250P+		85392			85394	N/A	85674
325P	85755 (Qty = 2)	85392 & 85393	85393	85492	85681	N/A	85675
700P (20A)		85678 & 85679			85681	N/A	85676
700P (40A)		85684		85685	85686	85677	

A 3-IN-1 FOR EVERYONE



ONE MACHINE – MULTIPLE CAPABILITIES

These versatile machines offer the welding enthusiast the ability to MIG, Stick or TIG weld in a single machine with the flip of a switch. There's an optional spool gun that allows the capability to aluminum weld.

Forney®

PLASMA CONSUMABLES

Common plasma cutting consumables include plasma cutting electrodes, swirl rings, nozzles, retaining caps, and shields. Dirty or moist air is the number one problem with plasma cutting. A filter and dryer is recommended. Sometimes the consumables are installed incorrectly and the plasma cutter will not work. External shielding gas is not used. Instead compressed air or nitrogen is supplied for cutting.



PLASMA CUTTER TIPS

CAT#	QUANTITY	DESCRIPTION
85392	4 PK	Forney® plasma cutter tips & electrodes, 20 A, 0.65mm
85678	2 PK	Forney® plasma cutter tip, 30 A, 0.8mm
85679	2 PK	Forney® plasma cutter tip, 40 A, 0.9mm
85684	2 PK	Forney® plasma cutter max cut tip, 40 A, 0.9mm



SHIELD CUPS & CAP

CAT#	QUANTITY	DESCRIPTION
85394	1	Forney® plasma cutter compressor* shield cup, 20 A *"COMPRESSOR" printed on shield cup. For use with CAT# 317
85681	1	Forney® plasma cutter shield cup, 20-40 A
85685	1	Forney® plasma cutter shield cup, 40 A max cut
85686	1	Forney® plasma cutter shield cap, 40 A



CAT# 85674
17-PIECE PLASMA CUTTING CONSUMABLE KIT

Consumable Kit for Forney® 317, 250P+ Plasma Cutter with Built-In Air Compressor. Kit Contents: 1 Shield Cup, 10 Cutting Tips, 5 Electrodes, 1 Swirl Ring. Comes in a sturdy plastic box for easy storage and organization.



CAT# 85675
17-PIECE PLASMA CUTTING CONSUMABLE KIT

Consumable Kit for Forney® 302, 325P Plasma Cutter. Kit Contents: 1 Shield Cup, 10 Cutting Tips, 5 Electrodes, 1 Swirl Ring. Comes in a sturdy plastic box for easy storage and organization.



CAT# 85676
17-PIECE PLASMA CUTTING CONSUMABLE KIT

Maximum Versatility Consumable Kit for Forney® 303, 700P Plasma Cutter. Kit Contents: 1 Shield Cup, 10 Cutting Tips (6 of 0.9mm, 2 of 0.8mm, 2 of 0.65mm), 5 Electrodes, 1 Swirl Ring. Comes in a sturdy plastic box for easy storage and organization.



CAT# 85677
22-PIECE PLASMA CUTTING CONSUMABLE KIT

Maximum Performance Consumable Kit for Forney® 303, 700P Plasma Cutter. Kit Contents: 1 Shield Cup, 5 Caps, 10 Cutting Tips, 5 Electrodes, 1 Swirl Ring. Comes in a sturdy plastic box for easy storage and organization.



CAT# 85688
PT40 PLASMA CUTTER TORCH

Plasma Torch PT40 - 15 ft. Manufactured exclusively for Forney® 302, 325P Plasma Cutting & Forney® 317, 250P+ Plasma Cutting with Built-In Air Compressor



CAT# 85687
PT40 EASY FIT™ PLASMA CUTTER TORCH

Plasma Cutting Torch - 15 ft. Manufactured exclusively for Forney® 303, 700P Plasma Cutter



GAS APPARATUS

TORCHES & TORCH KITS



CAT# 1680

FORNEY® FIRE PRO™ LIGHT-DUTY KIT

VICTOR® STYLE light-duty oxy-acetylene torch kit. Welds up to 3/16" (4.76mm) and cuts up to 4" (101.6mm) with optional tips. Provided with check valves for safety and includes a 3/16" (4.76mm) x 12-1/2' (3.81m) T-Grade twin hose. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers.

SPECIFICATIONS:

- Weld Thickness: 5/64" (1.98mm) [3/16" (4.76mm) with optional tips]
- Cutting Thickness: 1/2" (12.7mm) [4" (101.6mm) with optional tips]

KIT INCLUDES:

- T-Grade Hose: 3/16" (4.76mm) x 12-1/2' (3.81m) (Forney #86164)
- Oxygen Regulator: Victor® style Light-to-Medium-duty (Forney #87070)
- Acetylene Regulator: Victor® style Light-to-Medium-duty (Forney #87071)
- Torch Handle: Victor® style Medium-duty with Check Valves (Forney #87093)
- Cutting Attachment: Victor® style Medium-duty (Forney #87092)
- Goggles: #5 Shade, 50mm Eye Pieces (Forney #55311)
- Flint Lighter: Single Flint Striker (Forney #86102)
- Cutting Tip: Victor® style Size #0 (0-3-101), Medium-duty (Forney #60447)
- Welding Tip: Victor® style Size #0 (0-W-1), Medium-duty (Forney #87822)
- Check Valves: Reverse Flow Regulator-to-Hose, CGA "B" (Pair) (Forney #87151)



CAT# 1687

FORNEY® PRO FLAME™ HEAVY-DUTY KIT

HARRIS® STYLE heavy-duty oxy-acetylene welding kit. Welds up to 1/2" (12.7mm) and cuts up to 5" (127mm). Ideal for maintenance, fabrication, plumbing and do-it-yourselfers. Provides high performance at a very economical price.

KIT INCLUDES:

- Oxygen Regulator (Forney #87080)
- Acetylene Regulator (Forney #87081)
- Torch Handle (Forney #87086)
- Cutting Attachment (Forney #87087)
- Goggles (Forney #55311)
- Flint Lighter (Forney #86102)
- T-Grade Hose (Forney #86165)
- Cutting Tip #1 (Forney #60428)
- Welding Tip #3 (Forney #87203)
- Check Valves (Forney #87151)

**CAT# 1705****FORNEY® SHOP FLAME™ MEDIUM-DUTY BASIC KIT**

VICTOR® STYLE medium-duty oxy-acetylene welding kit. Welds up to 3/8" (9.52mm) and cuts up to 6" (152.4mm). Provided with check valves for safety. Has 3/16" (4.76mm) x 20' (6.1m) T-grade hose. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers.

KIT INCLUDES:

- Oxygen Regulator (Forney #87090)
- Acetylene Regulator (Forney #87091)
- Torch Handle (Forney #87093)
- Cutting Attachment (Forney #87092)
- Goggles (Forney #55311)
- Flint Lighter (Forney #86102)
- T-Grade Hose (Forney #86164)
- Cutting Tip #0 (Forney #60447)
- Welding Tip #0 (Forney #87822)
- Check Valves (Forney #87151)

**CAT# 1707****FORNEY® DELUXE MEDIUM-DUTY KIT**

VICTOR® STYLE medium-duty oxy-acetylene welding kit. Welds up to 3/8" (9.52mm) and cuts up to 6" (152.4mm). Provided with check valves for safety and includes a 1/4" (6.35mm) x 15' (4.57m) T-Grade twin hose. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers. Provides high performance at a very economical price.

KIT INCLUDES:

- Oxygen Regulator (Forney #87090)
- Acetylene Regulator (Forney #87091)
- Torch Handle (Forney #87093)
- Cutting Attachment (Forney #87092)
- Goggles (Forney #55311)
- Flint Lighter (Forney #86102)
- T-Grade Twin Hose (Forney #86164)
- Cutting Tip #0 (Forney #60447)
- Welding Tip #0 (Forney #87822)
- Welding Tip #2 (Forney #87824)
- Welding Tip #4 (Forney #87826)
- Rosebud Tip #8 (Forney #87790)
- Check Valves (Forney #87151)
- Mixer (Forney #87795)
- Tip Cleaner (Forney #86119)



**CAT# 1711****FORNEY® HEAVY-DUTY KIT**

VICTOR® STYLE heavy-duty oxy-acetylene welding kit. Welds up to 1/2" (12.7mm) and cuts up to 8" (203.2mm). Provided with check valves for safety and includes a 1/4" (6.35mm) x 20' (6.1m) T-Grade hose. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers. Provides high performance at a very economical price.

KIT INCLUDES:

- Oxygen Regulator (Forney #87100)
- Acetylene Regulator (Forney #87101)
- Torch Handle (Forney #87102)
- Cutting Attachment (Forney #87104)
- Goggles (Forney #55311)
- Flint Lighter (Forney #86102)
- T-Grade Hose (Forney #86164)
- Cutting Tip #1 (Forney #60463)
- Welding Tip #1 (Forney #87833)
- Welding Tip #3 (Forney #87835)
- Welding Tip #5 S.O.**
- Rosebud Tip #8 (Forney #87791)
- Check Valves (Forney #87151)
- Tip Cleaner (Forney #86119)

**Special Order Only

**CAT# 1753****TOTE-A-TORCH MEDIUM-DUTY PORTABLE TOTE KIT**

VICTOR® STYLE lightweight torch kit. Welds up to 1/2" (12.7mm) and cuts up to 4" (101.6mm). Ideal for auto repair, plumbing, refrigeration, metal art, general and industrial maintenance. Easy to store and can be carried from job-to-job. All accessories fit comfortably in a light sturdy plastic tote. All tanks are shipped empty per DOT regulations.

KIT INCLUDES:

- Oxygen Regulator (Forney #86230)
- Acetylene Regulator (Forney # 86229)
- Torch Handle (Forney #87093)
- Cutting Attachment (Forney #87092)
- Goggles (Forney #55311)
- Flint Lighter (Forney #86102)
- T-Grade Hose (Forney #86164)
- Cutting Tip #0 (Forney #60447)
- Welding Tip #0 (Forney #82822)
- Oxygen Cylinder (Forney #86224)
- Acetylene Cylinder (Forney #86228)
- Check Valves (Forney #87151)
- Plastic Tote (Forney #86221)





CAT# 86221

PLASTIC TOTE, OXYGEN B-SIZE & ACETYLENE MC-SIZE

Replacement plastic tote for Forney® 01753, Tote-A-Torch torch kit, or comparable torch kits. Tote only, no equipment.



CAT# 86224

OXYGEN "R" SIZE CYLINDER, 20 CF (EMPTY)

Twenty (20) cubic feet (CF), "R" size oxygen cylinder. Shipped empty. For use with Forney® 01753, Tote-A-Torch torch kit, or similar portable/light demand torch kits.



CAT# 86228

ACETYLENE "MC" SIZE CYLINDER, 10 CF (EMPTY)

Ten (10) cubic feet (CF), "MC" size acetylene cylinder. Shipped empty. For use with Forney® 01753, Tote-A-Torch torch kit, or similar portable/light demand torch kits.



CAT# 87086

73-3 CUTTING ATTACHMENT

HARRIS® STYLE (73-3) medium-duty cutting attachment. Double o-ring seal for quick, leak-free, hand tight connections. Head and body are made from forged brass for longer life. For new style Forney® 1687 "Pro Flame" Medium-duty Harris® style Torch Kit.



CAT# 87087

43-2 MEDIUM-DUTY TORCH HANDLE

HARRIS® STYLE (43-2) medium-duty torch handle. For new style Forney® 1687 "Pro Flame" Medium-duty Harris® style Torch Kit.



CAT# 87092

CA1350 SERIES CUTTING ATTACHMENT

Medium-duty **VICTOR® STYLE** oxy-acetylene cutting attachment. Double o-ring seal for quick, leak-free, hand-tight connections. Head and body are made from forged brass for longer life. Fits Forney® 01680, 01705 and 01707 torch kits.



CAT# 87093

100 SERIES TORCH HANDLE

Medium-duty **VICTOR® STYLE** oxy-acetylene torch handle. Includes check valves. Two stainless steel needle valves for fast accurate flame adjustment. No screws or soldered joints for enhanced durability and ease of maintenance. Made from tough extruded brass. Fits Forney® 01680, 01705 and 01707 torch kits.



CAT# 87102

315 SERIES HEAVY-DUTY TORCH HANDLE

Heavy-duty **VICTOR® STYLE** oxy-acetylene torch handle. Includes check valves. Two stainless steel needle valves for fast accurate flame adjustment. No screws or soldered joints for enhanced durability and ease of maintenance. Made from tough extruded brass. Fits Forney® 01711 torch kit.



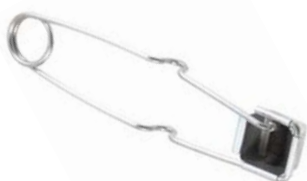
CAT# 87104

CA2460 SERIES CUTTING ATTACHMENT

Heavy-duty **VICTOR® STYLE** oxy-acetylene cutting attachment. Double o-ring seal for quick, leak-free, hand-tight connections. Head and body are made from forged brass for longer life. Fits Forney® 01711 torch kit.



CONSUMABLES & ACCESSORIES



CAT# 86102
SINGLE-FLINT STRIKER

Our most popular model. Features a square hood and round file with a patented assembly.



CAT# 86103
THREE-FLINT STRIKER

Quality tool with a rugged frame and three (3) large flints. Long lasting round file and bright plated finish. Dependable ignition under all working conditions. Release slotted screw to rotate fresh flint into position.



CAT# 86111
SAFE-LITE® GAS TORCH IGNITER

Ergonomically designed, the long-life Safe-Lite® gas torch igniter's comfortable, non-slip grip ensures the correct amount of leverage for proper and accurate sparking - each and every time. The safest, easiest, most reliable way of igniting a gas torch. Works with all gas torches. Great for automotive, HVAC/R and welding.



CAT# 86122
REPLACEMENT FLINTS FOR SINGLE-FLINT STRIKER

Replacement flints for single flint striker. Fits Forney® 86102 and all standard screw-on type lighters. 5-pack.



CAT# 86104
FOUR-TRIANGLE (12 FLINTS) REPLACEMENT FLINTS

Includes four (4) replacement triangles for a total of 12 flints. For 86103.



CAT# 86139
12-PIECE REPLACEMENT TWIST DRILLS

Contains even numbered drill sizes #52 through 74. For use in Forney® 86140, Tip Drill Set, and most other comparable tip drill holders.

**CAT# 86140****12-PIECE TIP DRILL SET AND HOLDER**

Twelve (12) high carbon steel tip drills stored in a barrel. Sizes #52 through #74 within a pencil compatible design. Includes pocket clip. Used to clean and true most standard orifices of acetylene welding and cutting tips. Use Forney® 86139 for replacement cleaning drills.

**CAT# 86119****TIP CLEANER KIT, EXTRA-LONG**

Tip cleaner kit provides as many as 60 or more cleaning edges per inch of cleaner. Fits all tip sizes. Light and easy to use. Contains 11 sizes - 6 through 26. Aluminum case includes dressing tool.

**CAT# 86120****TIP CLEANER KIT**

Tip cleaner kit provides as many as 60 or more cleaning edges per inch of cleaner. Fits all tip sizes. Light and easy to use. Contains 11 sizes - 6 through 26. Aluminum case includes dressing tool.

**CAT# 87131****ACETYLENE HEATING TIP, MODEL J-63-2**

HARRIS® STYLE "Rosebud" heating nozzle. J-63-2. Includes Forney® 87220 tip mixer. For use with "new style" Forney® 01687 torch kit.

**CAT# 87790****ACETYLENE & HYDROGEN HEATING NOZZLE**

VICTOR® STYLE oxygen-acetylene heating tip. Size 8 (8-MFA-1). Fits Forney® 1680, 1702, 1705, 1707, and 1753 torch kits and Victor® style light and medium-duty equipment.

**CAT# 87791****ACETYLENE & HYDROGEN HEATING NOZZLE**

VICTOR® STYLE oxygen-acetylene heating tip. Size 8 (8 MFA). Fits Forney® 1711 torch kit and Victor® style heavy-duty equipment.

**CAT# 86141****9-WAY CYLINDER WRENCH, 8-1/2 IN.**

Rugged forged wrench. 8-1/2" (215.9mm) long. Includes: 7/16" (11.11mm), 1/2" (12.7mm), 9/16" (14.29mm), 5/8" (15.88mm), 11/16" (17.46mm), 7/8" (22.22mm), and 1" (25.4mm), plus 1/4" (6.35mm) socket and 3/16" (4.76mm) square.

**CAT# 86147****3/16 IN. "B" & "MC" ACETYLENE CYLINDER TANK WRENCH**

3/16" (4.76mm) "MC" cylinder acetylene tank wrench. 3" (76.2mm) long. Fits Forney® 86228, "MC" Acetylene Cylinder (Empty) and other similar "MC" tanks. For use on Forney® 01753, Tote-A-Torch Torch Kit.

**CAT# 86143****3/8 IN. X 6 IN. X 5 IN. T-HANDLE CYLINDER WRENCH**

3/8" (9.52mm) T-handle cylinder wrench. 6" (152.4mm) shank with 5" (127mm) T-bar. Durable steel wrench for use on acetylene tanks.



CAT# 86144

**1/4 IN. X 6 IN. X 5 IN.
T-HANDLE CYLINDER WRENCH**

1/4" (6.35mm) T-handle cylinder wrench. 6" (152.4mm) shank with 5" (127mm) T-bar. Durable steel wrench for use on acetylene tanks.



CAT# 87084

**POSITIVE PRESSURE "E"
TYPE MIXER**

HARRIS® STYLE tip mixer. For use with Forney® 87131, Harris® style "Rosebud" heating nozzle and Harris® style threaded welding tips. For medium sized welding, brazing and heating tips, model D-85.



CAT# 87147

**REVERSE FLOW CHECK VALVES,
OXYGEN & FUEL GAS**

Prevents accidents caused by reverse gas flow. Fits regulators with CGA "B" size 9/16" outlets. Meets UL standards. Includes one fuel gas and one oxygen check valve. Hose-to-torch 9/16-18 B size (2 pack).



CAT# 87151

**REVERSE FLOW CHECK VALVES,
OXYGEN & FUEL GAS**

Prevents accidents caused by reverse gas flow. Fits regulators with CGA "B" size 9/16" (14.29mm) outlets. Meets UL standards. Includes one fuel gas and one oxygen check valve. Regulator-to-hose 9/16-18 B size (2 pack).



CAT# 87220

**POSITIVE PRESSURE "E"
TYPE MIXER**

HARRIS® STYLE tip mixer. For use with Forney® 87131, Harris® style "Rosebud" heating nozzle and Harris® style threaded welding tips. For use with up to size 10 welding & brazing tips and small heating tips, model E-43.



CAT# 87795

**OXY-ACETYLENE
UNIVERSAL MIXER**

Medium-duty **VICTOR® STYLE** oxy-acetylene tip mixer. Size 4-UM-1. Fits AB4 compatible welding elbows. For use with Forney® 87093 torch handle used on Forney® 01680, 01705 and 01707 torch kits, and similar Victor® style torch handles.

CYLINDER CARTS				
CAT#	TYPE	SPECS	BASE PLATE	SEMI-PNEUMATIC WHEELS
510	Light-duty	42" (1066.8mm) H x 19 1/2" (495.3mm) W	7" (177.8mm) x 15 1/2" (393.7mm)	6" (152.4mm)
512	Medium-duty	45" (1,143mm) H x 21-1/2" (546.1mm) W	8" (203.2mm) x 16-1/2" (419.1mm)	8" (203.2mm)
514 PICTURED	Heavy-duty	45" (1,143mm) H x 26" (660.4mm) W	9" (228.6mm) x 20" (508mm)	10" (254mm)



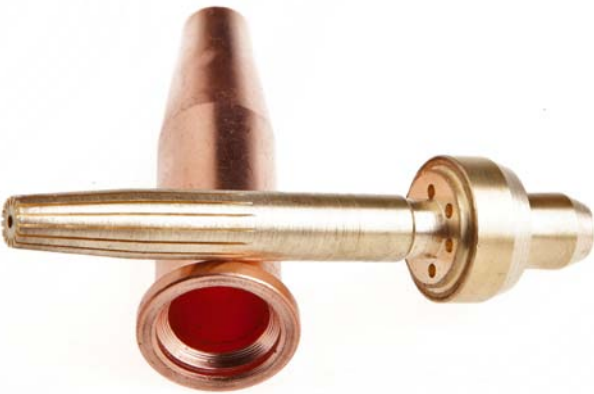


HARRIS® STYLE OXY-ACETYLENE CUTTING TIP

CAT#	SIZE
60426	#00 (6290-00)
60427	#0 (6290-0)
60428	#1 (6290-1)
60429	#2 (6290-2)
60430	#3 (6290-3)

HARRIS® STYLE NATURAL GAS/PROPANE CUTTING TIP

CAT#	SIZE
60433	#0 (6290-0 NX)
60434	#1 (6290-1 NX)
60435	#2 (6290-2 NX)



VICTOR® STYLE NATURAL GAS/PROPANE CUTTING TIP

CAT#	SIZE
60471	#1 (1-1-GPN)
60472	#2 (2-1-GPN)
60473	#3 (3-1-GPN)
60482	#0 (0-3-GPN)
60483	#1 (1-3-GPN)
60484	#2 (2-3-GPN)

AIRCO® STYLE OXY-ACETYLENE CUTTING TIP

CAT#	SIZE
60505	#0 (6290-0 NX)
60506	#1 (6290-1 NX)
60507	#2 (6290-2 NX)

**PUROX® STYLE OXY-ACETYLENE CUTTING TIP**

CAT#	SIZE	CUTTING DEPTH
60515	#3 (4202-3)	1/4" (6.35mm)
60516	#4 (4202-4)	1/2" (12.7mm)
60517	#5 (4202-5)	1-1/2" (38.1mm)

**VICTOR® STYLE OXY-ACETYLENE CUTTING TIP**

CAT#	SIZE
3-SERIES	
60445	#000 (000-3-101)
60446	#00 (00-3-101)
60447	#0 (0-3-101)
60448	#1 (1-3-101)
60449	#2 (2-3-101)
60450	#3 (3-3-101)
1-SERIES	
60461	#00 (00-1-101)
60462	#0 (0-1-101)
60463	#1 (1-1-101)
60464	#2 (2-1-101)
60465	#3 (3-1-101)

**SMITH® STYLE PROPANE AND OXY-ACETYLENE CUTTING TIPS**

CAT#	SIZE	CUTTING DEPTH
60402	#1 (SC12-1)	3/4" (19.05mm)
60403	#2 (SC12-2)	1" (25.04mm)
60406	#0 (MC12-0)	3/16" (4.76mm) - 3/8" (9.52mm)
60407	#1 (MC12-11)	1/2" (12.7mm) - 5/8" (15.88mm)
60408	#2 (MC12-2)	3/4" (19.05mm) - 1-1/4" (31.75mm)
60409	#3 (MC12-3)	1-1/2" (38.1mm) - 2" (50.8mm)
60412	#1 (MCP-1)	3/4" (19.05mm)
60413	#2 (MCP-2)	1" (25.4mm)

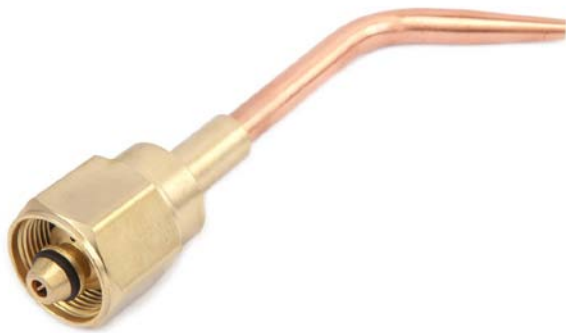


HARRIS® STYLE WELDING TIPS, MEDIUM-DUTY

CAT#	SIZE
87200	0 (23-A-90-0)
87201	1 (23-A-90-1)
87202	2 (23-A-90-2)
87203	3 (23-A-90-3)

VICTOR® STYLE W-1 TIPS, MEDIUM-DUTY

CAT#	SIZE
87821	00 (00-W-1)
87822	0 (0-W-1)
87823	1 (1-W-1)
87824	2 (2-W-1)
87826	4 (4-W-1)



VICTOR® STYLE W SERIES WELDING TIPS, HEAVY-DUTY

CAT#	SIZE
87831	00 (00-W)
87832	0 (0-W)
87833	1 (1-W)
87834	2 (2-W)
87835	3 (3-W)



HOSES & REGULATORS



R-GRADE OXY-ACETYLENE HOSE

CAT#	SIZE
86105	3/16" (4.76mm) x 25' (7.62m)
86109	3/16" (4.76mm) x 50' (15.24m)
86145	1/4" (6.35mm) x 25' (7.62m)
86146	1/4" (6.35mm) x 50' (15.24m)



CAT# 86165

T-GRADE GAS HOSE

1/4" (6.35mm) x 50' (15.24m). Suitable for use with propane, propylene and MAPP gas. Features neoprene coating inside and out to resist corrosion from oil and petroleum-based fuel gases. Resists kinks, heat, weather, and solvents. Bleed hoses when not in use for at least 30 minutes. Couple with 1" ferrules only. Includes standard "B" fittings.



CAT# 86164

T-GRADE GAS HOSE

1/4" (6.35mm) x 25' (7.62m). Suitable for use with propane, propylene and MAPP gas. Neoprene coating inside and out to resist corrosion from oil and petroleum-based fuel gases. Resists kinks, heat, weather, and solvents. Bleed hoses when not in use for at least 30 minutes. Couple with 1" ferrules only. Includes standard "B" fittings.



CAT# 86116

LOCKING JAW CRIMPING TOOL

Safety crimps twin welding hose ferrules on 3/16" (4.76mm) and 1/4" (6.35mm) hose.

**CAT# 86229****150 SERIES 1-1/2 IN. REAR MOUNT ACETYLENE REGULATOR**

Versatile Victor® style acetylene regulator for light-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01753, "Tote-a-Torch" Welding Kit.

**CAT# 86230****150 SERIES 1-1/2 IN. REAR MOUNT OXYGEN REGULATOR**

Versatile Victor® style oxygen regulator for light-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01753, "Tote-a-Torch" Welding Kit.

**CAT# 87070****150 SERIES 1-1/2 IN. SIDE MOUNT OXYGEN REGULATOR**

Versatile Victor® style oxygen regulator for light-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read 1-1/2" (38.1mm) dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01680, "Jet Flame" Oxy-Acetylene Welding Kit.

**CAT# 87071****150 SERIES 1-1/2 IN. SIDE MOUNT ACETYLENE REGULATOR**

Versatile Victor® style acetylene regulator for light-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read 1-1/2" (38.1mm) dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01680, "Jet Flame" Oxy-Acetylene Welding Kit.

**CAT# 87080****250 SERIES 2 IN. SIDE MOUNT OXYGEN REGULATOR**

Versatile Harris® style oxygen regulator for medium-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Includes a safety relief valve for safe operation. Included in Forney 01687, "Pro Flame" Oxy-Acetylene Welding Kit.

**CAT# 87081****250 SERIES 2 IN. SIDE MOUNT ACETYLENE REGULATOR**

Versatile Harris® style acetylene regulator for medium-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01687, "Pro Flame" Oxy-Acetylene Welding Kit.

**CAT# 87090****250 SERIES 2 IN. SIDE MOUNT OXYGEN REGULATOR**

Versatile Victor® style oxygen regulator for medium-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Includes a safety relief valve for safe operation. Included in Forney 01705, "Shop Flame II" and 01707 "Deluxe" Oxy-Acetylene Welding Kits.

**CAT# 87091****250 SERIES 2 IN. SIDE MOUNT ACETYLENE REGULATOR**

Versatile Victor® style acetylene regulator for medium-duty applications. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01705, "Shop Flame II" and 01707 "Deluxe" Oxy-Acetylene Welding Kits.

**CAT# 87100****450 SERIES 2-1/2 IN. SIDE MOUNT OXYGEN REGULATOR**

Victor® style heavy-duty oxygen regulator. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Includes a safety relief valve for safe operation. Included in Forney 01711, "Commander" Oxy-Acetylene Welding Kits.



CAT# 87101
450 SERIES 2-1/2 IN. SIDE MOUNT ACETYLENE REGULATOR

Victor® style heavy-duty acetylene regulator. Forged brass bodies and bonnets for maximum strength. Heat-treated metal inlet filter to trap impurities. Pressed, not soldered, joints for easy maintenance. Easy to read dual scale gauges with nearly unbreakable screw-on lenses. Included in Forney 01711, "Commander" Oxy-Acetylene Welding Kit.



CAT# 87727
2 IN. REGULATOR GAUGE 0-4,000 PSI

HIGH PRESSURE replacement gauge for regulators. 0-4,000 PSIG. 2" (50.8mm) face with 1/4" (6.35mm) national pipe thread (NPT). Universal for most regulators.



CAT# 87728
2 IN. REGULATOR GAUGE 0-400 PSI

HIGH PRESSURE gauge for regulators. 0-400 PSIG. 2" (50.8mm) face with 1/4" (6.35mm) national pipe thread (NPT). Universal for most regulators.



CAT# 87729
2 IN. REGULATOR GAUGE 0-200 PSI

LOW PRESSURE regulator gauge. 0-200 PSIG. 2" (50.8mm) face with 1/4" (6.35mm) national pipe thread (NPT). Universal for most regulators.



CAT# 87730
2 IN. REGULATOR GAUGE 0-30 PSI

LOW PRESSURE regulator gauge. 0-30 PSIG. 2" (50.8mm) face with 1/4" (6.35mm) national pipe thread (NPT). Universal for most regulators.



CAT# 87735
CGA-540 INLET NIPPLE FOR OXYGEN REGULATORS

Inlet swivel for oxygen regulators. Fits all Forney® and similar compatible oxygen regulators with 1/4" national pipe thread (NPT) stem.



CAT# 87736
CGA-510 INLET NIPPLE FOR ACETYLENE REGULATORS

Inlet swivel for acetylene regulators. Fits all Forney® and similar compatible acetylene regulators with 1/4" national pipe thread (NPT) stem.



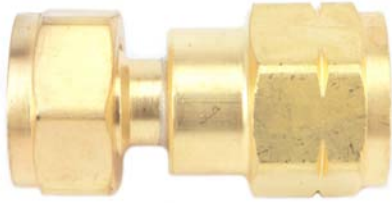
CAT# 87731
OUTPUT CONNECTION FOR OXYGEN REGULATORS

1/4" National Pipe Thread (NPT) x 9/16"-18 RH thread. Suitable for use with all Forney® and similar compatible Oxygen Regulators.



CAT# 87732
OUTPUT CONNECTION FOR ACETYLENE REGULATORS

1/4" National Pipe Thread (NPT) x 9/16"-18 LH thread. Suitable for use with all Forney® and similar compatible Acetylene Regulators.

**CAT# 87805****CGA-520 "B" TANK ADAPTER TO CGA-510 REGULATOR**

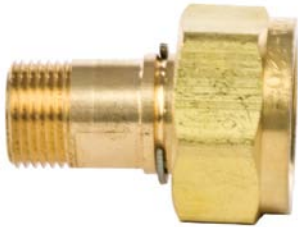
CGA-520 "B" tank adapter to CGA-510 regulator. Acetylene cylinder to regulator adaptor for 40 cubic feet (CF) "B" tanks. Solid brass.

**CAT# 87808****CGA-580 NITROGEN/ARGON TANK ADAPTER**

CGA-580 nitrogen/argon cylinder to carbon dioxide (CO₂) CGA-320 regulator adapter. Fits argon tanks.

**CAT# 87811****CGA-510 90° ACETYLENE TANK ADAPTER**

CGA-510 (90°) #4 tank adapter to CGA-510 regulator. Acetylene cylinder to regulator adaptor for 125 cubic feet (CF) #4 tanks. Solid brass. For acetylene cylinders with protective ring extending above the valve. Allows attachment of standard regulator to valve. POL acetylene cylinder to POL acetylene regulator.

**CAT# 87801****CGA-520 "B" TANK ADAPTER TO CGA-200 REGULATOR**

CGA-520 "B" tank adapter to CGA-200 regulator. Acetylene cylinder to regulator adaptor for 40 cubic feet (CF) "B" tanks. Solid brass.

**CAT# 87733****CGA-540 INLET NUT FOR OXYGEN REGULATORS**

CGA-540 oxygen regulator repair parts for inlet nuts.

**CAT# 87734****CGA-510 INLET NUT FOR ACETYLENE REGULATORS**

CGA-510 acetylene regulator repair parts for inlet nuts.

**CAT# 86125****OXYGEN HOSE NUT**

Oxygen hose nut with right hand threads. Fits "B" sized nipples. 5-pack.

**CAT# 87812****OXYGEN HOSE SWIVEL NUT**

Swivel nut adapter for connecting oxygen hose to apparatus. Oxygen "B" 9/16"-18 to "A" 3/8"-24 adapter.

**CAT# 87813****ACETYLENE HOSE SWIVEL NUT**

Swivel nut adapter for connecting acetylene hose to apparatus. Acetylene "B" 9/16"-18 to "A" 3/8"-24 adapter.

**CAT# 86124****ACETYLENE HOSE NUT**

Acetylene hose nut with left hand threads. Fits "B" sized nipples. 5-pack.

**CAT# 86127****3/16 IN. OXYGEN-ACETYLENE HOSE BRACE**

Keeps 3/16" (4.76mm) twin hose from separating further than wanted. Designed to fit most brands of oxy-acetylene twin hose. 5-pack.

**CAT# 86136****1/4 IN. OXYGEN-ACETYLENE HOSE BRACE**

Keeps 1/4" (6.35mm) twin hose from separating further than wanted. Designed to fit most brands of oxy-acetylene twin hose. 5-pack.

**CAT# 86128****3/16 IN. BARBED HOSE NIPPLE**

Designed to fit most brands of 3/16" (4.76mm) oxy-acetylene twin hose and "B" fittings. 5-pack.

**CAT# 86137****1/4 IN. BARBED HOSE NIPPLE**

Designed to fit most brands of 1/4" (6.35mm) oxy-acetylene twin hose and "B" fittings. 5-pack.

**CAT# 86129****OXYGEN HOSE COUPLER**

Standard "B" fittings 9/16"-18 thread for 3/16" (4.76mm) or 1/4" (6.35mm) oxy-acetylene hose. Allows user to increase the length of their hose for hard to reach places. 5-pack.

**CAT# 86130****ACETYLENE HOSE COUPLER**

Standard "B" fittings 9/16"-18 thread for 3/16" (4.76mm) or 1/4" (6.35mm) oxy-acetylene hose. Allows user to increase the length of their hose for hard to reach places. 5-pack.

**CAT# 60332****OXYGEN-FUEL HOSE COUPLER SET**

Includes 9/16"-18 thread "B" fittings. For use with 3/16" (4.76mm) or 1/4" (6.35mm) hose. Allows user to increase the length of their hose for hard to reach places. Carded. (2 pack) (1 each 86129 & 86130)

**CAT# 86131****3/16 IN. OXYGEN-ACETYLENE BARBED HOSE SPLICER**

Splices two 3/16" (4.76mm) oxy-acetylene twin hoses for added length. Use Forney® 86126 hose ferrules to secure hose. 5-pack.

**CAT# 86138****1/4 IN. BARBED HOSE SPLICER**

Splices two 1/4" (6.35mm) oxy-acetylene twin hoses for added length. Use Forney® 86135 hose ferrules to secure hose. 5-pack.

**CAT# 60326****6-PIECE 1/4 IN. B-SIZE OXYGEN-FUEL GAS HOSE REPAIR KIT**

Includes 2 barbed hose nipples (86137), 2 hose ferrules (86135), 1-each oxygen (86125) and acetylene (86124) 9/16"-18 hose nuts and "B" fittings. Carded. For 1/4" hose.

**CAT# 60330****6-PIECE 3/16 IN. GAS HOSE SPLICER KIT**

Includes 2 barbed hose splicers (86131) and 4 hose ferrules (86126) for 3/16" hose.

**CAT# 60325****6-PIECE 3/16 IN. B-SIZE OXYGEN-FUEL GAS HOSE REPAIR KIT**

Includes 2 barbed hose nipples (86128), 2 hose ferrules (86126), 1-each oxygen (86125) and acetylene (86124) 9/16"-18 hose nuts and "B" fittings. Carded. For 3/16" hose.

**CAT# 86113****LARGE OXY-FUEL GAS HOSE REPAIR KIT WITH LOCKING JAW CRIMPER**

Large kit. Contains all the parts needed to safely repair or extend most brands of 1/4" (6.35mm) and 3/16" (4.76mm) oxy-acetylene hose. Includes Forney® 86124-86131; 86135-86138; 86116.

**CAT# 86114****SMALL OXY-FUEL GAS HOSE REPAIR KIT WITH HAMMER-TYPE CRIMPER**

Small kit. Contains all the parts needed to safely repair or extend most brands of 1/4" (6.35mm) and 3/16" (4.76mm) oxy-acetylene hose. Includes Forney® 86124-86131; 86135-86138; 86112.

**CAT# 60331****6-PIECE 1/4 IN. GAS HOSE SPLICER KIT**

Includes 2 barbed hose splicers (86138) and 4 hose ferrules (86135) for 1/4" hose.















**CAT# 86126****3/16 IN. HOSE FERRULE**

Designed to fit most brands of 3/16" (4.76mm) oxy-acetylene twin hose. Can be used with either Forney® 86112 or 86116 crimping tools to provide a tight seal on twin hose. 5-pack.

**CAT# 86135****1/4 IN. GAS HOSE FERRULE**

Designed to fit most brands of 1/4" (6.35mm) oxy-acetylene twin hose. Can be used with either Forney® 86112 or 86116 crimping tools to provide a tight seal on twin hose. 5-pack.

CYLINDER TO REGULATOR ADAPTERS

CAT#	CYLINDER OUTLET CONNECTION	REGULATOR INLET CONNECTION	DESCRIPTION	IMAGE
87803	Acetylene "MC" 20CF Cylinder	Acetylene "B"	Acetylene Adaptor CGA-200 "MC" Cylinder to CGA-520 "B" Regulator	
87804		Acetylene Commercial	Acetylene Adaptor CGA-200 "MC" Cylinder to CGA-300 Commercial Regulator	
87807		Acetylene P.O.L.	Acetylene Adaptor CGA-200 "MC" Cylinder to CGA-510 P.O.L. Regulator	
87801	Acetylene "B" 40CF Cylinder	Acetylene "MC"	Acetylene Adaptor CGA-520 "B" Cylinder to CGA-200 "MC" Regulator	
87802		Acetylene Commercial	Acetylene Adaptor CGA-520 "B" Cylinder to CGA-300 Commercial Regulator	
87805		Acetylene P.O.L.	Acetylene Adaptor CGA-520 "B" Cylinder to CGA-510 P.O.L. Regulator	
87798	Acetylene Commercial 80CF Cylinder	Acetylene "MC"	Acetylene Adaptor CGA-300 Commercial Cylinder to CGA-200 "MC" Regulator	
87800		Acetylene "B"	Acetylene Adaptor CGA-300 Commercial Cylinder to CGA-520 "B" Regulator	
87799		Acetylene P.O.L.	Acetylene Adaptor CGA-300 Commercial Cylinder to CGA-510 P.O.L. Regulator	
87810	Acetylene P.O.L. 125CF Cylinder	Acetylene "MC"	Acetylene Adaptor CGA-510 P.O.L. Cylinder to CGA-200 "MC" Regulator	
87806		Acetylene "B"	Acetylene Adaptor CGA-510 P.O.L. Cylinder to CGA-520 "B" Regulator	
87809		Acetylene Commercial	Acetylene Adaptor CGA-510 P.O.L. Cylinder to CGA-300 Commercial Regulator	
87811		Acetylene P.O.L. 90 Degree	Acetylene Adaptor CGA-510 P.O.L. Cylinder to CGA-510 P.O.L. 90-Degree Regulator	
87808	Inert Gas	Carbon Dioxide	Inert Gas Adaptor CGA-580 Cylinder to CGA-320 Carbon Dioxide Regulator	



BRAZING ALLOYS



CAT# 46111

EASY-FLO ALUMINUM BRAZING 1/8 IN. X 18 IN., 1/2 LB.

Makes it simple to braze aluminum and zinc-based metals with an oxy-acetylene or propane torch set-up. Great for repairs on irrigation pipes, carburetor bowls, aluminum boats, lawn mower housings and casings (including aluminum magnesium). No flux is required. Melting Point: 732° F (389° C)



CAT# 48571

SUPER SIL-FLO BRAZING 1/8 IN. X 18 IN., 1/2 LB.

Ideal for large and small copper tubing installations. Self-fluxing on copper. Sil-Flo is not recommended for ferrous metals such as iron or steel. It is only for copper base metals as an effective economical alternative to copper-silver alloy rods. Tensile Strength: 40,000 PSI. Melting Point: 1,200° F (649° C). Copper: 92%. Phosphorus: 7.5%. Weight: 1/2 lb.



CAT# 45902

4043 BARE ALUMINUM 3/32 IN. X 36 IN., 1-3/4 LBS.

Matches most types of sheet and cast aluminum. Designed for use with torch flame or inert gas welding process. When used with torch flames, recommend use Forney® 37025, ALUM-A-FLUX. Grey color coded. Tensile Strength: 27,000 PSI. Melting Point: 1,155° F (624° C)



CAT# 48572

SUPER SIL-FLO BRAZING 1/8 IN. X 18 IN., 1 LB.

1/8" (3.18mm) x 20" (508mm). 1 Lbs. (.453 Kg). Ideal for large and small copper tubing installations. Self-fluxing on copper. Sil-Flo is not recommended for ferrous metals such as iron or steel. It is only for copper base metals as an effective economical alternative to copper-silver alloy rods. Tensile Strength: 40,000 PSI. Melting Point: 1,200° F (649° C). Copper: 92%. Phosphorus: 7.5%.



CAT# 46002

4043 BARE ALUMINUM 1/8 IN. X 36 IN., 1-3/4 LBS.

1/8" (3.18mm) x 36" (914.4mm). Matches most types of sheet and cast aluminum. Designed for use with torch flame or inert gas welding process. When used with torch flames, recommend use Forney® 37025, ALUM-A-FLUX. Grey color coded. Tensile Strength: 27,000 PSI. Melting Point: 1,155° F (624° C). Weight: 1-3/4 lbs. (.794 Kg).

OXY-ACETYLENE MILD STEEL WELDING ROD

CAT#	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT LBS (KG)	DESCRIPTION
42330	1/16"	36"	5 Lbs. (2.27 Kg)	GENERAL PURPOSE MILD STEEL: High quality mild steel welding rod for repair of low carbon steels. Copper coated rod has .06% max carbon and .17% max manganese. Great rod for projects around the house or commercial use. SPECIFICATIONS: <ul style="list-style-type: none"> Tensile Strength (PSI): 45,000 Melting Point: 2,700° F (1,482° C)
42326	3/32"	18"	10 Rods	
42333	3/32"	36"	6 Rods	
42335	3/32"	36"	5 Lbs. (2.27 Kg)	
42327	1/8"	18"	10 Rods	
42338	1/8"	36"	6 Rods	
42340	1/8"	36"	5 Lbs. (2.27 Kg)	

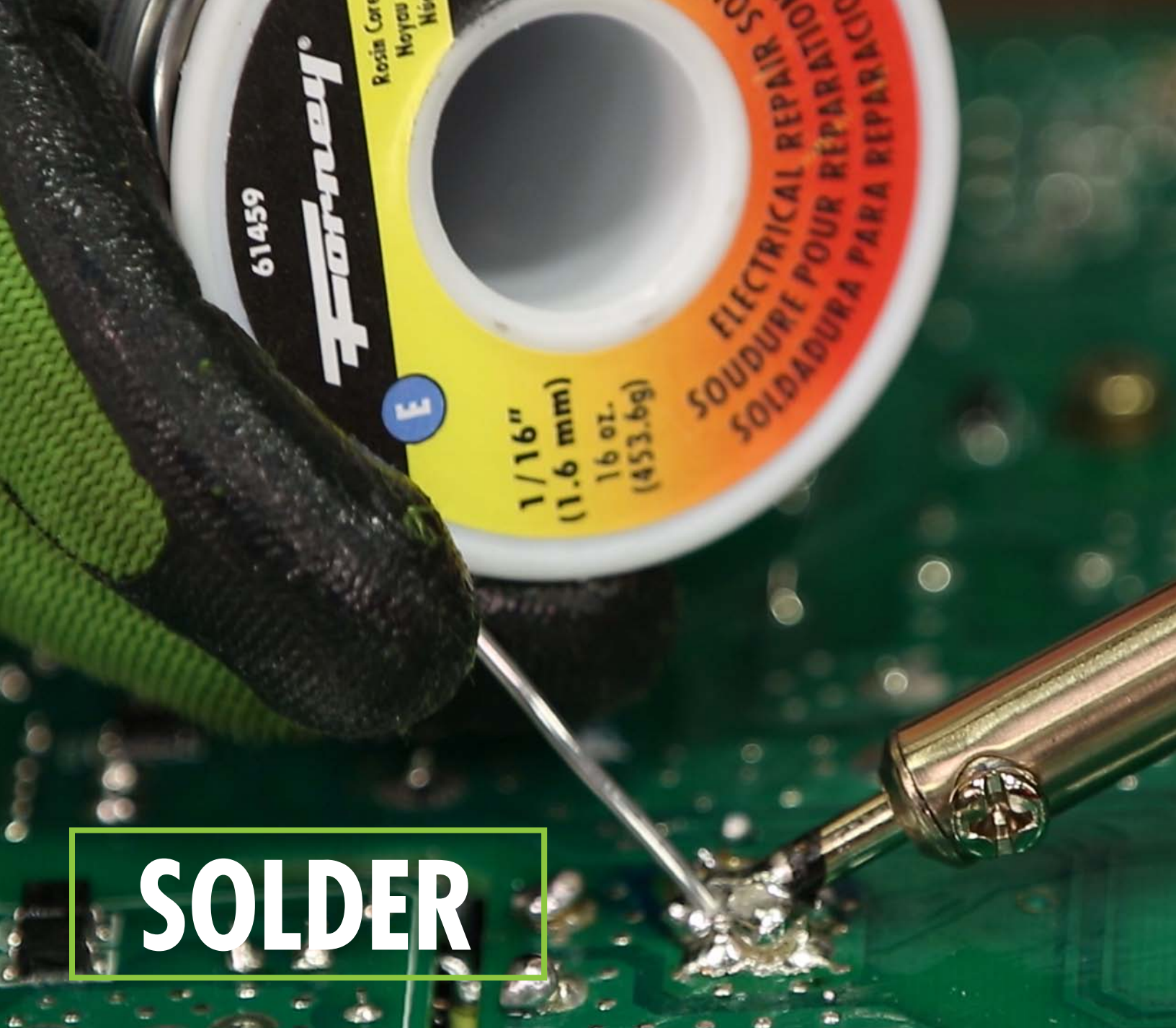
**BARE BRASS BRAZING ROD**

CAT#	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT LBS (KG)	DESCRIPTION
48302	3/32"	36"	6 Rods	LOW-FUMING BARE BRASS BRAZING ROD: Balanced zinc and copper alloy. Features excellent ductility and is smooth flowing. Excellent for brazing sheet metal, pipes, fenders, water tanks and many cast iron applications. Requires flux.
48300	3/32"	18"	10 Rods	
48305	3/32"	36"	5 Lbs. (2.27 Kg)	
47302	1/8"	36"	6 Rods	SPECIFICATIONS: <ul style="list-style-type: none"> Tensile Strength (PSI): 63,000 Melting Point: 1,620° F (882° C)
47300	1/8"	18"	10 Rods	
47305	1/8"	36"	5 Lbs. (2.27 Kg)	

**BRONZE BRAZING ROD, FLUX COATED, LOW FUMING**

CAT#	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT LBS (KG)	DESCRIPTION
48492	3/32"	36"	6 Rods	FLUXED LOW-FUMING BRONZE BRAZING ROD: High-quality, low-fuming bronze brazing rod with flux. Formulated for high tensile strength and ductility. Smooth flowing. Excellent for most brazing uses. Flux coated for best cleaning action.
48490	3/32"	18"	10 Rods	
48495	3/32"	36"	4 Lbs. (1.8 Kg)	
48496	3/32"	36"	10 Lbs. (4.54 Kg)	
48504	1/8"	36"	4 Lbs. (1.8 Kg)	SPECIFICATIONS: <ul style="list-style-type: none"> Tensile Strength (PSI): 65,000 Melting Point: 1,598° F (870° C)
48500	1/8"	18"	10 Pieces	
48493	1/8"	3/32"	14 Rods	
48502	1/8"	36"	6 Rods	
48510	1/8"	36"	10 Lbs. (4.54 Kg)	





SOLDER

- P** PLUMBING
- E** ELECTRICAL
- GP** GENERAL PURPOSE
- S** SPECIALTY



LEAD FREE SOLDER OPTIONS

- » Better for the environment
- » Required for potable water
- » Reliable
- » Safe

SOLDERING IRONS, GUNS & TORCHES

Forney Industries' soldering line features high quality, industry standard products to accomplish any job. The materials are consistent and reliable, allowing precise metal fusing and better results. The all-inclusive line offers lead free options suitable for various applications.



CAT# 59020

25W SOLDERING IRON

25W Soldering Iron, 120V/680°F. Light Weight with Replaceable Pointed Tip. Ideal for Light-duty Repairs.



CAT# 59021

30W SOLDERING IRON

30W Soldering Iron, 120V/734°F. Light Weight with Replaceable Pointed Tip. Ideal for Light-duty Repairs and Hobbyist.



CAT# 61512

40W SOLDERING IRON

40W Soldering Iron, 120V/842°F. Light Weight with Replaceable Pointed Tip. Ideal for Light-duty Repairs, Hobbyist and General Shop Use.



CAT# 61499

60W SOLDERING IRON

60W Soldering Iron, 120V/896°F. Light Weight with Replaceable Pointed Tip. Ideal for General Shop Use, Hobbyist and Heavy-duty Applications.



CAT# 61529

8W BATTERY POWERED SOLDERING IRON

8W Battery Powered Soldering Iron with LED, 4.5V/840°F. Light Weight with Replaceable Pointed Tip. Ideal for Light-duty Repairs and Hobbyist.



CAT# 61503

30W WOODBURNING SOLDERING IRON

30W Wood burning/Soldering Iron, 120V/750°F with Standard Tip and 5 additional Burning Tips for multiple usage.



CAT# 61528
100W 450°F/230°C
SOLDERING GUN

Ideal for home or hobby applications, 120V/450°F. Single output from instant-heat gun. Ready to solder in 6-8 seconds. Includes solder, paste flux and extra tips.



CAT# 61530
200W ADJUSTABLE TEMP
SOLDERING GUN

Fast heating, convenient and useful for normal to heavy-duty soldering. Temperature range of 160°F to 930°F. Includes solder, paste flux and extra tips.



CAT# 61539
PENCIL FLAME TORCH

Pencil flame propane torch, adjustable flame knob for control and economy. Solid brass valve body for durability.



CAT# 61542
SELF-IGNITING TORCH

Self-igniting trigger torch, adjustable flame control knob, instant on/off trigger igniter, simple one-handed operation, lock button keeps torch lit for finger-free use.



CAT# 54823
MINI-TORCH, BUTANE

Compact palm size. Powered by refillable "fuel cell" (included) with flame adjustment lever. Pinpoint flame is perfect for soldering, de-soldering, heat shrinking and terminating, heating, lighting and many other applications.



CAT# 54824
MINI-TORCH, BUTANE

Ergonomic handle design ensures a non-slip grip and has a slide lock for easy off. Refill with Forney 54822 butane. Use to heat parts, ignite materials, melt plastic, shrink tubing, solder & de-solder, terminate specialty connectors and more.

DOES YOUR SOLDER DISPLAY LOOK LIKE THIS?



WHEN IT SHOULD LOOK LIKE THIS?



INTRODUCING A **NEW** FULL SOLDER LINE

INCLUDES

- SOLDER
 - BULK
 - CARDED
 - LEAD FREE OPTIONS
- BRUSHES & FLUX
- GUNS
- IRONS
- TORCHES



Lead Free Products found for all solder applications.



PLUMBING SOLDER

CAT#	DESCRIPTION	LEAD FREE	DIAMETER	WEIGHT	ALLOY	PACKAGE
38050	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
38051	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	8 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
38052	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
38060	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	4 oz.	95% Tin / 5% Antimony	Bulk
38061	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	8 oz.	95% Tin / 5% Antimony	Bulk
38062	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	16 oz.	95% Tin / 5% Antimony	Bulk
61412	Solid bar plumbers solder	LEAD FREE	3/8" x 3/4" x 3"	4 oz.	97% Tin / 3% Copper	Bulk
61435	Lead-free plumbing repair solid core solder kit	LEAD FREE	1/8"	.75 oz.	96% Tin / 3.9% Copper / 0.1% Silver	Card
61437	Lead-free plumbing repair solid core solder kit	LEAD FREE	1/8"	3 oz.	96% Tin / 3.9% Copper / 0.1% Silver	Card
61491	Lead-free plumbing repair solid core solder kit	LEAD FREE	1/8"	80 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61532	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61533	Lead-free plumbing repair solid core solder	LEAD FREE	1/8"	4 oz.	95% Tin / 5% Antimony	Card



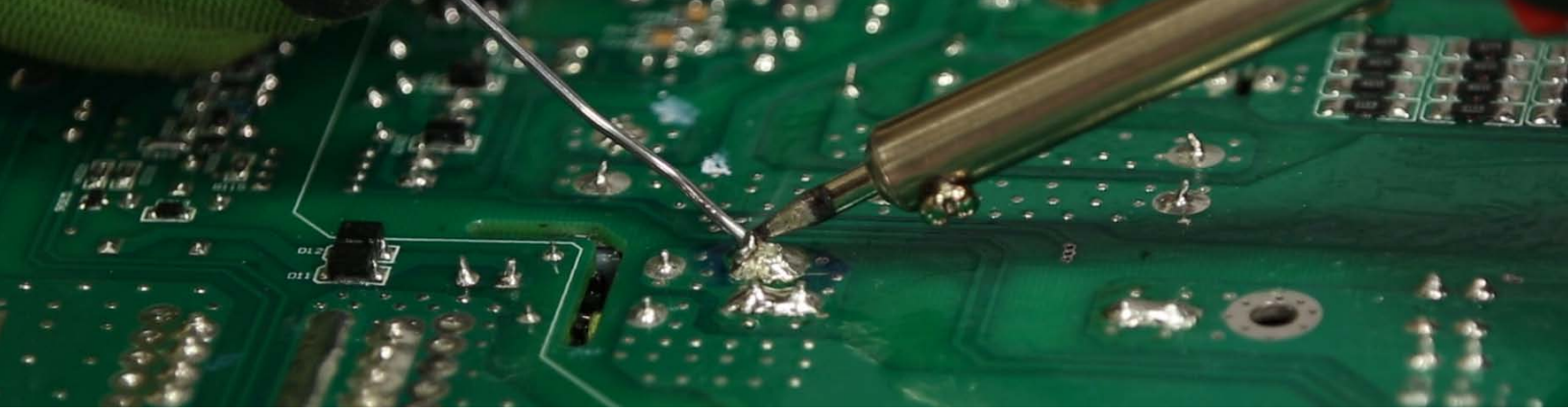
ELECTRICAL SOLDER

CAT#	DESCRIPTION	LEAD FREE	DIAMETER	WEIGHT	ALLOY	PACKAGE
38070	Electrical Repair Rosin Core Solder		1/8"	16 oz.	94.5% Lead / 3.3% Tin / 2.2% Antimony	Bulk
38072	Electrical Repair Rosin Core Solder		1/16"	4 oz.	40% Tin / 60% Lead	Bulk
38073	Electrical Repair Rosin Core Solder		1/16"	4 oz.	60% Tin / 40% Lead	Bulk
61419	Electrical Repair Rosin Core Solder		1/16"	.75 oz.	40% Tin / 60% Lead	Card
61420	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	.75 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61421	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/32"	0.35 oz.	96% Tin / 4% Silver	Card
61422	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	.3 oz.	96% Tin / 4% Silver	Card
61423	Electrical Repair Rosin Core Solder		1/8"	16 oz.	40% Tin / 60% Lead	Bulk
61425	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	8 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61426	Electrical Repair Rosin Core Solder		1/32"	4 oz.	60% Tin / 40% Lead	Card
61427	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61428	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	4 oz.	95% Tin / 5% Antimony	Card
61429	Electrical Repair Rosin Core Solder		1/20"	.3 oz.	60% Tin / 40% Lead	Card
61430	Electrical Repair Rosin Core Solder		1/32"	.3 oz.	60% Tin / 40% Lead	Card
61444	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61445	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/32"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61447	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/20"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61449	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/8"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61455	Electrical Repair Rosin Core Solder		1/16"	16 oz.	60% Tin / 40% Lead	Bulk
61456	Electrical Repair Rosin Core Solder		1/32"	16 oz.	60% Tin / 40% Lead	Bulk
61458	Electrical Repair Rosin Core Solder		1/8"	16 oz.	60% Tin / 40% Lead	Bulk
61459	Electrical Repair Rosin Core Solder		1/16"	16 oz.	40% Tin / 60% Lead	Bulk
61471	Electrical Repair Rosin Core Solder		1/8"	80 oz.	60% Tin / 40% Lead	Bulk
61472	Electrical Repair Rosin Core Solder		1/16"	8 oz.	60% Tin / 40% Lead	Bulk
61473	Electrical Repair Rosin Core Solder		1/16"	.75 oz.	60% Tin / 40% Lead	Card
61474	Electrical Repair Rosin Core Solder		1/16"	8 oz.	40% Tin / 60% Lead	Bulk
61475	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	16 oz.	95% Tin / 5% Antimony	Bulk
61476	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/16"	8 oz.	95% Tin / 5% Antimony	Bulk
61477	Electrical Repair Rosin Core Solder		1/32"	8 oz.	60% Tin / 40% Lead	Bulk
61478	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/32"	8 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61479	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/32"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61480	Lead-Free Electrical Repair Rosin Core Solder	LEAD FREE	1/32"	.3 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61534	Electrical Repair Rosin Core Solder		1/16"	4 oz.	40% Tin / 60% Lead	Card
61535	Electrical Repair Rosin Core Solder		1/16"	4 oz.	60% Tin / 40% Lead	Card



GENERAL PURPOSE SOLDER

CAT#	DESCRIPTION	LEAD FREE	DIAMETER	WEIGHT	ALLOY	PACKAGE
38101	General Purpose Repair Acid Core Solder		1/8"	16 oz.	94.5% Lead / 3.3% Tin / 2.2% Antimony	Bulk
38102	General Purpose Repair Acid Core Solder		1/8"	8 oz.	40% Tin / 60% Lead	Bulk
38103	General Purpose Repair Acid Core Solder		1/8"	4 oz.	40% Tin / 60% Lead	Bulk
38106	General Purpose Repair Solid Core Solder		1/8"	16 oz.	40% Tin / 60% Lead	Bulk
38108	General Purpose Repair Solid Core Solder		1/8"	4 oz.	40% Tin / 60% Lead	Bulk
38109	General Purpose Repair Solid Core Solder		1/8"	4 oz.	50% Tin / 50% Lead	Bulk
38110	General Purpose Repair Solid Core Solder		1/8"	8 oz.	50% Tin / 50% Lead	Bulk
38111	General Purpose Repair Solid Core Solder		1/8"	16 oz.	50% Tin / 50% Lead	Bulk
38116	General Purpose Repair Acid Core Solder Kit		1/16"	.9 oz.	94% Tin / 6% Silver	Card
61400	General Purpose Repair Acid Core Solder		1/8"	.75 oz.	40% Tin / 60% Lead	Card
61401	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	4 oz.	95% Tin / 5% Antimony	Card
61402	General Purpose Repair Acid Core Solder		1/16"	.75 oz.	40% Tin / 60% Lead	Card
61403	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/16"	.75 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61404	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/16"	8 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61405	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/16"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61406	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	16 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61407	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	8 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61409	Lead Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Bulk
61450	General Purpose Repair Solid Core Solder		1/8"	8 oz.	40% Tin / 60% Lead	Bulk
61452	General Purpose Acid Core Solder		1/8"	16 oz.	40% Tin / 60% Lead	Bulk
61454	General Purpose Acid Core Solder		1/16"	16 oz.	40% Tin / 60% Lead	Bulk
61481	General Purpose Repair Acid Core Solder		1/8"	8 oz.	3.3% Tin / 94.5% Lead / 2.2% Antimony	Bulk
61482	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	16 oz.	95% Tin / 5% Antimony	Bulk
61483	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/8"	8 oz.	95% Tin / 5% Antimony	Bulk
61484	General Purpose Repair Acid Core Solder		1/16"	8 oz.	40% Tin / 60% Lead	Bulk
61485	General Purpose Repair Acid Core Solder		1/16"	4 oz.	40% Tin / 60% Lead	Card
61486	Lead-Free General Purpose Repair Acid Core Solder	LEAD FREE	1/16"	4 oz.	97% Tin / 2.75% Copper / 0.25% Silver	Card
61536	General Purpose Repair Acid Core Solder		1/8"	4 oz.	40% Tin / 60% Lead	Card
61537	General Purpose Solid Core Solder		1/8"	4 oz.	40% Tin / 60% Lead	Card
61538	General Purpose Repair Solid Core Solder		1/8"	4 oz.	50% Tin / 50% Lead	Card



SPECIALTY SOLDER

CAT#	DESCRIPTION	LEAD FREE	DIAMETER	WEIGHT	ALLOY	PACKAGE
61438	Lead-Free Specialty Brazing Solid Core Solder Kit	LEAD FREE	1/32"	.21 oz.	44% Tin / 56% Silver	Card
61440	Lead-Free Aluminum Brazing Solid Core Solder Kit	LEAD FREE	1/16"	.3 oz.	100% Aluminum	Card
61441	Lead-Free Specialty Repair Silver Solder	LEAD FREE	1/16"	.75 oz.	96% Tin / 4% Silver	Card
61489	Lead-Free Specialty Repair Solid Core Solder	LEAD FREE	1/8"	8 oz.	96% Tin / 3.9% Copper / .1% Silver	Card
61490	Lead-Free Specialty Repair Solid Core Solder	LEAD FREE	1/8"	4 oz.	96% Tin / 3.9% Copper / .1% Silver	Card

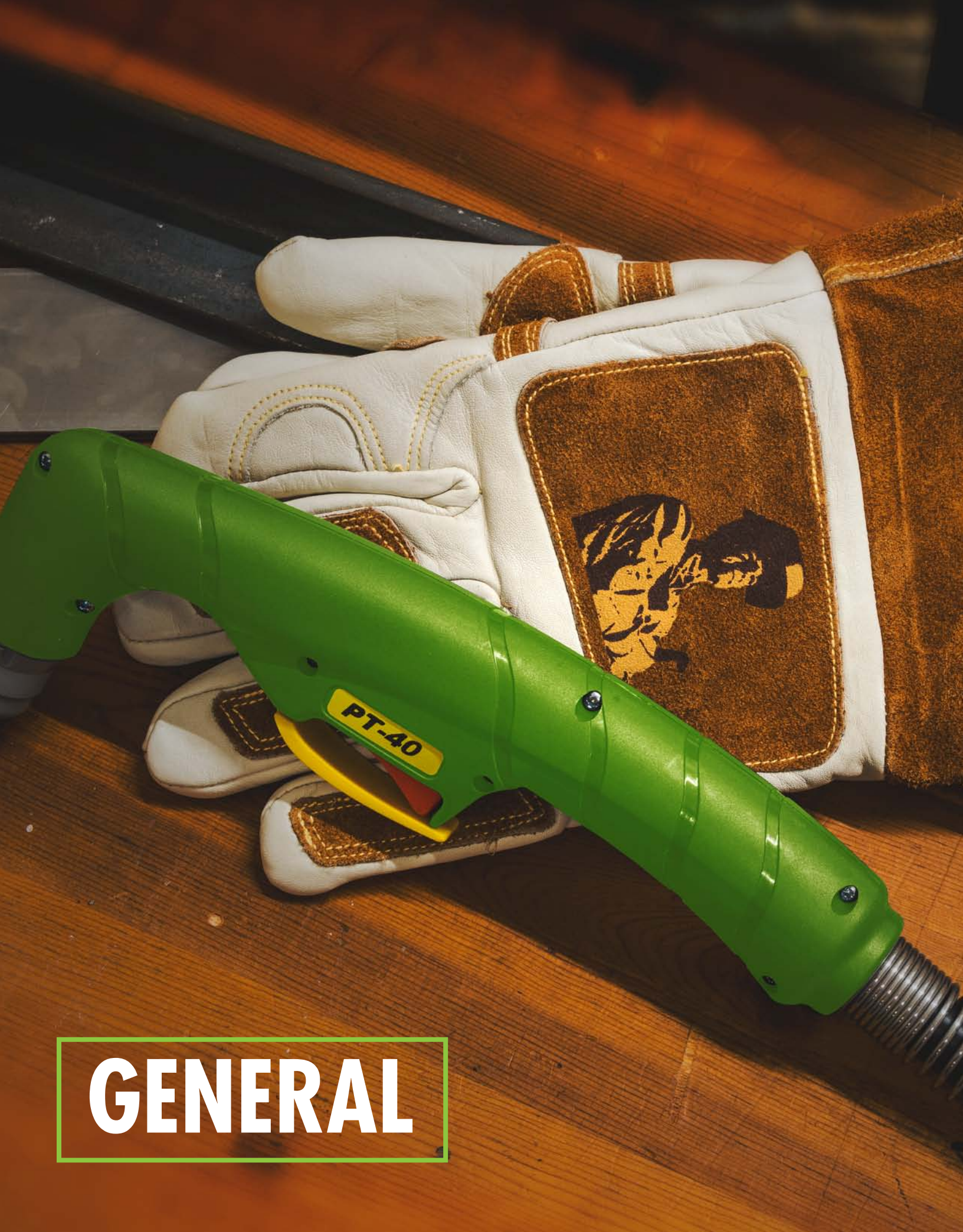


BRAZING ROD			
CAT#	DESCRIPTION	CAT#	DESCRIPTION
42327	1/8" x 18" copper coated rod (10 rods)	48305	Brazing rod bare 3/32" x 36" 5 lbs.
42330	Copper coated acetylene rod 1/16" 5 lbs.	48490	3/32" x 18" flux coated brass (10 rods)
42333	3/32" x 36" copper coated rod (6 rods)	48492	3/32" x 36" flux coated brass (6 rods)
42335	Copper coated acetylene rod 3/32" 5 lbs.	48493	Flux coated brass 18" (14 rod pack)
42338	1/8" x 36" copper coated rod (6 rods)	48495	Brazing rod fluxed 3/32" x 36" 4 lbs.
42340	Copper coated acetylene rod 1/8" 5 lbs.	48496	Brazing rod fluxed 3/32" x 36" 10 lbs.
45902	Aluminum rod bare 3/32" 1.75 lb.	48500	1/8" x 18" flux coated brass rod (10 rods)
46002	Aluminum rod bare 1/8" x 36" 1.75 lb.	48502	1/8" x 36" flux coated brass (6 rods)
46111	Easy-Flo aluminum 1/8" x 18" 1/2 lb.	48504	Brazing rod fluxed 1/8" x 36" 4 lbs.
47300	1/8" x 18" bare brass rod (10 rods)	48510	Brazing rod fluxed 1/8" x 36" 10 lbs.
47302	Bare brass rod 1/8" x 36" (6 rods)	48571	Super sil-flo 18" 1/2 lb.
47305	Brazing rod bare 1/8" x 36" 5 lbs.	48572	Super sil-flo 18" 1 lb.
48300	3/32" x 18" bare brass (10 rods)		

REPLACEMENT TIPS	
CAT#	DESCRIPTION
61513	Replacement soldering tip for Forney CAT# 59020/59021 25W & 30W soldering irons
61514	Replacement soldering tip for Forney CAT# 61499 60W soldering iron
61515	Replacement soldering tip for Forney CAT# 61512 40W soldering iron
61516	Replacement soldering tip for Forney CAT# 61529 8W battery powered soldering iron
61517	Replacement chisel tip for Forney CAT# 61503 30W woodburning soldering iron
61518	Replacement long point tip for Forney CAT# 61503 30W woodburning soldering iron
61519	Replacement short point tip for Forney CAT# 61503 30W woodburning soldering iron
61520	Replacement knife point tip for Forney CAT# 61503 30W woodburning soldering iron
61521	Replacement solder point tip for Forney CAT# 61503 30W woodburning soldering iron
61522	Replacement soldering tip for Forney CAT# 61528 100W soldering gun
61523	Replacement soldering tip for Forney CAT# 61530 200W soldering gun
61543	Replacement cutting tip for Forney CAT# 61528 100W soldering gun
61544	Replacement cutting tip for Forney CAT# 61530 200W soldering gun

FLUX LIQUIDS AND PASTES	
CAT#	DESCRIPTION
37025	Aluminum welding flux 1/4 lb. jar
37250	Brazing flux 1/2 lb.
38120	Rubyfluid™ liquid flux for soldering, 2 oz. (bulk)
38125	Rubyfluid™ paste flux for soldering, 2 oz. (bulk)
60301	Rubyfluid™ liquid flux for soldering, 2 oz.
60303	Rubyfluid™ paste flux for soldering, 2 oz.
61460	Acid & petrolatum-based paste flux, petrolatum-based soldering paste that contains zinc chloride and ammonium chloride. The petrolatum helps protect the solder joint against corrosive attack and the paste form insures that the flux stays put until soldering. 2 oz.
61461	Acid & petrolatum-based paste flux, petrolatum-based soldering paste that contains zinc chloride and ammonium chloride. The petrolatum helps protect the solder joint against corrosive attack and the paste form insures that the flux stays put until soldering. 16 oz.
61463	Water soluble paste flux, formulated specifically for use in plumbing applications where copper and copper-alloy tubes are being soldered. It is also an excellent choice for copper pipes used in heating, air-conditioning, mechanical, and fire sprinkler systems. 8 oz.
61464	Acid & petrolatum-based paste flux kit, petrolatum-based soldering paste that contains zinc chloride and ammonium chloride. The petrolatum helps protect the solder joint against corrosive attack and the paste form insures that the flux stays put until soldering. 2 oz.
61466	Rosin core solder liquid flux, 3 oz.
61467	Water soluble paste flux with brush, formulated specifically for use in plumbing applications where copper and copper-alloy tubes are being soldered. It is also an excellent choice for copper pipes used in heating, air-conditioning, mechanical, and fire sprinkler systems. 2 oz.
61468	Water soluble paste flux, formulated specifically for use in plumbing applications where copper and copper-alloy tubes are being soldered. It is also an excellent choice for copper pipes used in heating, air-conditioning, mechanical, and fire sprinkler systems. 2 oz.
61469	Water soluble paste flux, formulated specifically for use in plumbing applications where copper and copper-alloy tubes are being soldered. It is also an excellent choice for copper pipes used in heating, air-conditioning, mechanical, and fire sprinkler systems. 16 oz.
61508	Acid tinning paste flux, water-soluble flux, contains tin powder, enabling it to coat solder area with thin layer of tin, thus aiding the soldering process. 16 oz.
61509	Acid tinning cream flux, water-soluble flux, contains tin powder, enabling it to coat solder area with thin layer of tin, thus aiding the soldering process. 4 oz.

ADDITIONAL ACCESSORIES	
CAT#	DESCRIPTION
38140	Tin handle horsehair acid brush for solder flux, 4-3/4" x 3/8" (min order qty of 12)
38141	Tin handle horsehair acid brush for solder flux, 4-3/4" x 3/8" (order in qty of 144, gross)
60300	Tin handle horsehair acid brush for solder flux, 4-3/4" x 3/8" (3-pack)
61510	4-in-1 long lasting high carbon steel brush for cleaning the i.D. And o.D. of 1/2" and 3/4" copper tube and fittings
61470	Sal-ammoniac, quickly cleans any carbon build-up that collects on the tip of a soldering iron. 4 oz.
61511	Premium grade emery cloth, 1" x 6' 120 grit. Hand sanding (dry) and cleaning of metal, wood and pipe ends. Aluminum oxide coating. Open grain prevents loading.
70470	Wire handle fitting brush 5/8"
70471	Plastic handled fitting brush 1/2"
70472	Plastic handle fitting brush 3/4"
70473	Stainless steel power brush 1/2"
70474	Stainless steel power brush 3/4"
70475	Outside cleaning brush 1/2"
70476	Outside cleaning brush 3/4"
70484	Wire utility brush 3/4"



GENERAL

ACCESSORIES



CAT# 70620

2-3/8 IN. TOTAL CUT™ 4-IN-1 PIPE CUTTING GUIDE

2-3/8" (60.32mm) Total Cut® 4-In-1 Pipe Cutting Guide. Made from high grade steel so it's reusable. Four different cuts from each guide: Saddle cut, 45°, 22-1/2° and 90°. Includes a spring loaded hinge. Painted red.

ALSO AVAILABLE:

CAT# 70621

2-3/8 IN. TOTAL CUT™ 4-IN-1 PIPE CUTTING GUIDE

12-Piece 2-3/8" Total Cut™ 4-In-1 Pipe Cutting Guide Display. Includes 12-Each Forney® 70620; Plus FREE Display Box.

CAT# 70624

12-PIECE TOTAL CUT™ 2-3/8 IN. & 2-7/8 IN. PIPE CUTTING GUIDE DISPLAY. INCLUDES 6-EA FORNEY® 70620-70622

2-3/8" and 2-7/8" Total Cut® 4-In-1 Pipe Cutting Guide Combo Pack, 6-each Forney® 70620 and 70622 - Pipe cutting guides for 2-3/8" (60.32mm) and 2-7/8" (73.02mm) pipe. Made from high grade steel so it's reusable. Four different cuts from each guide: Saddle cut, 45°, 22-1/2° and 90°. Includes a spring loaded hinge. Painted red.



CAT# 70622

2-7/8 IN. TOTAL CUT™ 4-IN-1 PIPE CUTTING GUIDE

2-7/8" (73.02mm) Total Cut® 4-In-1 Pipe Cutting Guide. Made from high grade steel so it's reusable. Four different cuts from each guide: Saddle cut, 45°, 22-1/2° and 90°. Includes a spring loaded hinge. Painted red.

ALSO AVAILABLE:

CAT# 70623

2-7/8 IN. TOTAL CUT™ 4-IN-1 PIPE CUTTING GUIDE

12-Piece 2-7/8" Total Cut™ 4-In-1 Pipe Cutting Guide Display. Includes 12-Each Forney® 70622; Plus FREE Display Box.

CAT# 70624

12-PIECE TOTAL CUT™ 2-3/8 IN. & 2-7/8 IN. PIPE CUTTING GUIDE DISPLAY. INCLUDES 6-EA FORNEY® 70620-70622

2-3/8" and 2-7/8" Total Cut® 4-In-1 Pipe Cutting Guide Combo Pack, 6-each Forney® 70620 and 70622 - Pipe cutting guides for 2-3/8" (60.32mm) and 2-7/8" (73.02mm) pipe. Made from high grade steel so it's reusable. Four different cuts from each guide: Saddle cut, 45°, 22-1/2° and 90°. Includes a spring loaded hinge. Painted red.



CAT# 70815

4 IN. X 60 IN. RAP-AROUND LITTLE HELPER PIPE CUTTING GUIDE

Wrap around "Little Helper" pipe template. Measures 4" (101.6mm) x 60" (1.524mm) and made from tough yet flexible material. Used for marking straight lines around 1" (25.4mm) to 12" (304.8mm) pipe or for use as a straight edge. Contains 45° angle markings, protractors, scale and constants table.



CAT# 75203

HAYNES WELDING MANUAL

Professional welding manual filled with comprehensive photos, illustrations, and welding techniques. Covers TIG welding as well as plasma cutting. Individually shrink-wrapped. Forney® 75204 is display rack for the manual.



CABLE & ACCESSORIES



CAT# 58400
CROWFOOT STYLE PORTABLE ELECTRICAL RECEPTACLE

Crowfoot Portable Electrical Receptacle, 50A, 125/250V. Hardened bakelite crowfoot-design portable electrical receptacle with heavy rubber insulator. 50 amp, 125/250 volt capacity. NEMA 10-50.



CAT# 58401
PIN-TYPE PORTABLE ELECTRICAL RECEPTACLE

Pin-Type Portable Electrical Receptacle, 50A, 250V. Hardened bakelite pin-type design portable electrical receptacle with heavy rubber insulator. 50 amp, 250 volt capacity. NEMA 6-50.



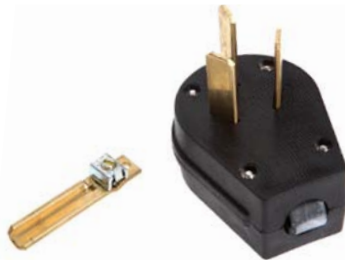
CAT# 58402
PIN-TYPE WALL ELECTRICAL RECEPTACLE

Pin-Type Wall Electrical Receptacle, 50A, 125/250V. Heavy-duty bakelite pin-type design wall electrical receptacle with 2-pole/3-wire grounding for surface mounting. 50 Amp, 125/250V capacity. NEMA 6-50.



CAT# 58499
CROWFOOT STYLE WALL ELECTRICAL RECEPTACLE

Crowfoot Wall Electrical Receptacle, 50A, 125/250V. Heavy-duty bakelite crowfoot-design electrical receptacle with 2-pole/3-wire grounding for surface mounting. 50 Amp, 125/250V. NEMA 10-50.



CAT# 57601
CROWFOOT STYLE ELECTRICAL PLUG, 30/50A, 125/250V

Crowfoot Electrical Plug, 30/50A, 125/250V. Heavy-duty vinyl crowfoot-design electrical plug with three heavy-duty brass blades. 30/50 amp, 125/250 volt capacity. Has an extra blade to convert to 30A plug. NEMA 10-50, 10-30.



CAT# 57602
PIN-TYPE ELECTRICAL PLUG, 30/50A, 250V

Pin-Type Electrical Plug, 30/50A, 250V. Heavy-duty vinyl pin-type design electrical plug with two brass blades and half pin. 30/50 Amp, 250 Volt capacity. Has extra blade to convert to 30 Amp plug. NEMA 6-30, 6-50.

**CAT# 57701****3/8 IN. FEMALE SURE-GRIP PLUG (BLACK)**

3/8" Female Sure-Grip Plug, Black. Accepts Forney® 57901 and 57902, Male Sure-Grip Plugs. For use on Forney® welders and 52841, Bumper Plate Kit cable extensions.

**CAT# 57702****5/16 IN. FEMALE SURE-GRIP PLUG (BLACK)**

5/16" Female Sure-Grip Plug, Black. Accepts Forney® 57903 and 57904, Male Sure-Grip Plugs. For use on Forney®'s Spitfire® welder and Miller® welders.

**CAT# 57705****#2 - #6 WELDING CABLE SPLICER**

Cable Splicer for #2 through #6 Welding Cable. Cable splicer for permanently splicing damaged or broken cables and adding additional cable length to existing welding cable leads.

**CAT# 57710****#1 - #4 WELDING CABLE CAMLOCK-TYPE HEAVY-DUTY CONNECTOR**

Camlock-type quick connectors for #1 through #4 welding cable extensions. Heavy-duty. Heat and oil resistant covers.

**CAT# 57715****WELDING CABLE CAMLOCK-TYPE HEAVY-DUTY CONNECTOR**

TWECO® style camlock-type quick connectors for #1/0 to #3/0 welding cable extensions. Heavy-duty. Heat and oil resistant covers.

**CAT# 57901****3/8 IN. MALE SURE-GRIP PLUG (BLACK)**

3/8" (9.52mm) Male Sure-Grip Plugs. For use on Forney® welders, Forney® 52841, Bumper Jumper, and with Forney® 57701, 3/8" Female Sure-Grip Plug. Or, use 57901 with 57510, Black Female ARC Welder Output Jack, and 57902 with 57511, Red Female ARC Welder Output Jack.

**CAT# 57902****3/8 IN. MALE SURE-GRIP PLUG (RED)**

3/8" (9.52mm) Male Sure-Grip Plugs. For use on Forney® welders, Forney® 52841, Bumper Jumper, and with Forney® 57701, 3/8" Female Sure-Grip Plug. Or, use 57901 with 57510, Black Female ARC Welder Output Jack, and 57902 with 57511, Red Female ARC Welder Output Jack.

**CAT# 57903****5/16 IN. MALE SURE-GRIP PLUG (BLACK)**

5/16" (7.94mm) Male Sure-Grip Plugs. For use on Forney®'s Spitfire™ and Miller® welders and/or in conjunction with Forney® 57702, 5/16" Female Sure-Grip Plug.

**CAT# 57904****5/16 IN. MALE SURE-GRIP PLUG (RED)**

5/16" (7.94mm) Male Sure-Grip Plugs. For use on Forney®'s Spitfire™ and Miller® welders and/or in conjunction with Forney® 57702, 5/16" Female Sure-Grip Plug.

**CAT# 57510****#4 - #1/0 WELDING CABLE FEMALE OUTPUT JACK (BLACK)**

For ARC welders. Fits #1/0 - #4 welding cable. Solid brass plug and screw, retainer nut and fiber washer. Beveled for a secure connection. Use on C, CB, FS & F-series Forney® welders and Forney® 52841, Bumper Jumper. Or, use 57510 with 57901, 3/8' Black Male Sure-Grip Plug, and 57511 with 57902, 3/8' Red Male Sure-Grip Plug.

**CAT# 57511****#4 - #1/0 WELDING CABLE FEMALE OUTPUT JACK (RED)**

For ARC welders. Fits #1/0 - #4 welding cable. Solid brass plug and screw, retainer nut and fiber washer. Beveled for a secure connection. Use on C, CB, FS & F-series Forney® welders and Forney® 52841, Bumper Jumper. Or, use 57510 with 57901, 3/8' Black Male Sure-Grip Plug, and 57511 with 57902, 3/8' Red Male Sure-Grip Plug.

**CAT# 85667****150A GROUND CABLE WITH CLAMP**

150 Amp, 15' Ground Cable with Clamp. Made in USA. Size 25 Dinse connector. For use on 200 Amp or less machines with 25 Dinse connections. For Forney® EasyWeld™ 298 & 299 and Forney® 303, 309, 314, 322 & 324.

**CAT# 85668****250A GROUND CABLE WITH CLAMP**

250 Amp, 15' Ground Cable with Clamp. Made in USA. Size 50 Dinse connector. For use on 200 Amp or higher machines with 50 Dinse connections. For Forney® 319, 325, 326 & 327

**CAT# 54410****300 AMP STEEL EG SERIES COMPATIBLE GROUND CLAMP**

8" (203.2mm) long with 1-3/4" (44.4mm) wide jaw opening. Accepts up to #2 welding cable. Rugged, economical ground clamp for shop maintenance and field work. Good positive connection. Suitable for all farm and shop welders.

**CAT# 54510****500 AMP STEEL EG SERIES COMPATIBLE GROUND CLAMP**

9-1/2" (241.3mm) long with 2-1/4" (57.2mm) wide jaw opening. Accepts up to #1/0 welding cable. Rugged, economical ground clamp for shop maintenance and field work. For extra heavy jobs. Fine for good grounds on steel plate, angle iron, pipe, etc.

**CAT# 54300****200 AMP BRASS LGC SERIES COMPATIBLE GROUND CLAMP**

5" (127mm) long with 3/4" (19.1mm) jaw opening. Accepts up to #2 welding cable. Includes shim stock and wrench. For medium-duty use. Large contact area assures positive grounding. Oval-point screw cable connections make installation easy. Wide grooved jaws for positive ground.

**CAT# 54400****300 AMP BRASS LGC SERIES COMPATIBLE GROUND CLAMP**

7-3/8" (187.3mm) long with 1-1/2" (38.1mm) jaw opening. Accepts up to #2 welding cable. Includes shim stock and wrench. For heavy-duty use. Large contact area assures positive grounding. Oval-point screw cable connections make installation easy. Wide grooved jaws for positive ground.

**CAT# 54405****500 AMP BRASS LGC SERIES COMPATIBLE GROUND CLAMP**

8" (203.2mm) long with 2" (50.8mm) jaw opening. Accepts up to #1/0 welding cable. Rugged, versatile, wide jaw ground clamp. Good for most grounding situations. Large contact surface area provides good cable connections and positive grounding.



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WELDING EQUIPMENT
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#1 GAUGE WELDING CABLE, 780 STRANDS

CAT#	SIZE
52001	50' Increments
52016	50' Box
52017	100' Box
52018	150' Reel

#1/0 GAUGE WELDING CABLE, 1,007 STRANDS

CAT#	SIZE
52102	50' Reel
52103	100' Reel
52104	150' Reel
52105	250' Reel
52106	500' Reel



#2 GAUGE WELDING CABLE, 636 STRANDS

CAT#	SIZE
52023	50' Box
52024	125' Reel
52025	250' Reel

#4 GAUGE WELDING CABLE, 378 STRANDS

CAT#	SIZE
52019	50' Box
52020	125' Reel
52021	250' Reel



#6 GAUGE WELDING CABLE, 259 STRANDS

CAT#	SIZE
52096	50' Reel
52097	100' Reel
52098	150' Reel
52099	250' Reel
52100	500' Reel

FLEXIBLE POWER LEAD-IN CABLE

CAT#	GAUGE	LENGTH	STRANDING	AMPS	CERTIFICATIONS	RATED VOLT-AGE	INSULATION	WEIGHT
52109	10/3	25' (7.62m)	104/30	30	UL, CSA, NEC, MSHA, RoHS	600V	0.045" (1.14mm)	299 Lbs/mft (445 Kg/Km)
52110		50' (5.24m)						
52111		100' (30.48m)						
52112		150' (45.72m)						
52113		250' (76.2m)						
52115	8/3	25' (7.62m)	133/.0106	40	MSHA, RoHS	600V	0.050" (1.27mm)	302 Lbs/mft (449 Kg/Km)
52116		50' (5.24m)						
52117		100' (30.48m)						
52118		150' (45.72m)						
52119		250' (76.2m)						



FABRICATION EQUIPMENT & CLAMPS



CAT# 70201

10-1/2 IN. LOCKING PLIERS C-CLAMP

Locking pliers-type C-clamp. 10-1/2" (266.7mm) long with 3-3/4" (95.3mm) maximum opening and 3" (76.2mm) depth. Extra clamping capacity for large objects. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**



CAT# 70202

10-1/2 IN. LOCKING PLIERS C-CLAMP WITH JAW PAWS

Locking pliers-type C-clamp with jaw paws. 10-1/2" (266.7mm) long with 3-3/4" (95.3mm) maximum opening and 3" (76.2mm) depth. Extra clamping capacity for large objects. Improved clamping with the moveable "jaw paw" pads. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**



CAT# 70301

8-3/8 IN. 4-PRONG LOCKING PLIERS WELDING CLAMP

Locking pliers-style plated steel welding clamps. 8-3/8" (212.8mm) long with 2" (50.8mm) maximum jaw opening and 2-1/2" - 3" (63.5mm - 76.2mm) depth. Designed to grip a few inches from the end of the metal. Allows weld to start or finish at the end of the joint. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**



CAT# 70215

6 IN. LOCKING C-CLAMP WITH CUSHION GRIP

Professional C-clamp with black and red cushion grip handles. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**



CAT# 70216

9 IN. LOCKING C-CLAMP WITH CUSHION GRIP

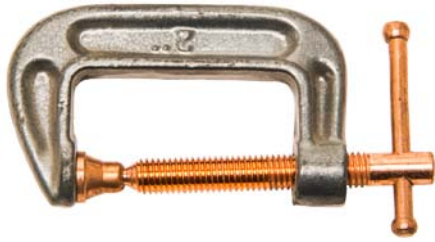
Professional C-clamp with black and red cushion grip handles. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**



CAT# 70217

11 IN. LOCKING C-CLAMP WITH CUSHION GRIP

Professional C-clamp with black and red cushion grip handles. **NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING.**

**CAT# 70225****2 IN. MALLEABLE IRON C-CLAMP WITH T-HANDLE**

C-clamp with heavy-duty copper-plated spindles, swivel pad, and sliding T-handle. Includes a malleable cast metal frame. High quality for light industrial use.

**CAT# 70226****3 IN. MALLEABLE IRON C-CLAMP WITH T-HANDLE**

C-clamp with heavy-duty copper-plated spindles, swivel pad, and sliding T-handle. Includes a malleable cast metal frame. High quality for light industrial use.

**CAT# 70227****4 IN. MALLEABLE IRON C-CLAMP WITH T-HANDLE**

C-clamp with heavy-duty copper-plated spindles, swivel pad, and sliding T-handle. Includes a malleable cast metal frame. High quality for light industrial use.

**CAT# 70228****5 IN. MALLEABLE IRON C-CLAMP WITH T-HANDLE**

C-clamp with heavy-duty copper-plated spindles, swivel pad, and sliding T-handle. Includes a malleable cast metal frame. High quality for light industrial use.

**CAT# 70229****6 IN. MALLEABLE IRON C-CLAMP WITH T-HANDLE**

C-clamp with heavy-duty copper-plated spindles, swivel pad, and sliding T-handle. Includes a malleable cast metal frame. High quality for light industrial use.

**CAT# 70221****8 IN. MAGNETIC TORPEDO LEVEL**

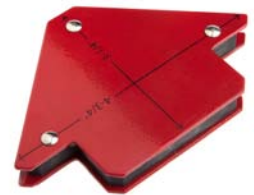
8" (203.2mm) long multi-directional leveling capabilities with 3 vials.

**CAT# 70715****LARGE MAGNETIC SUPPORT JIG**

Magnetic welding jig with center hole, Lifts up to 75 Lbs. - Strong non-switchable magnetic that sticks to any iron object. Includes 45°, 90°, and 135° angles. Excellent "3rd hand" for welding, soldering, assembly, pipe installation, marking, floating and separating thin metal stacks.

**CAT# 70717****MEDIUM MAGNETIC SUPPORT JIG WITH 45°, 90° & 135° ANGLES**

Magnetic welding jig with center hole, Medium, Lifts up to 50 Lbs. Strong non-switchable magnetic that sticks to any iron object. Includes 45°, 90°, and 135° angles. Excellent "3rd hand" for welding, soldering, assembly, pipe installation, marking, floating and separating thin metal stacks.

**CAT# 70716****SMALL MAGNETIC SUPPORT JIG WITH 45°, 90° & 135° ANGLES**

Magnetic welding jig, Small, Lifts up to 25 Lbs. - Strong non-switchable magnetic that sticks to any iron object. Includes 45°, 90°, and 135° angles. Excellent "3rd hand" for welding, soldering, assembly, pipe installation, marking, floating and separating thin metal stacks.



MISCELLANEOUS



CAT# 332
3-LEVEL PORTABLE WELDER CART, 11-1/2 IN. X 27-1/2 IN.

Portable welder cart. 11-1/2" wide x 27-1/2" tall. 3-levels. Four casters included. 1.0mm thick steel. Max recommended weight capacity: 90 Lbs. (40.8 Kg). Fits Forney® 300-series welders and plasma cutters and all similarly sized welders.



CAT# 37027
ANTI-SPATTER (EARTH-FRIENDLY WATER-BASED), 16 OZ.

Prevents weld spatter from adhering to MIG nozzles, contact tips, weld area and work surface. Paint compatible and easily removed with water. Earth-friendly and water-based. Contains no chlorinated solvents, fluorocarbons, silicones or hydrocarbon compounds. Non-flammable, non-toxic, and biodegradable.



CAT# 37030
ANTI-SPATTER (SILICONE-FREE), 16 OZ.

Silicone-free welding anti-spatter. 16 oz. (453.6g) and prevents weld spatter from adhering to MIG nozzles, contact tips, weld area and work surface.



CAT# 37028
COLD GALVANIZING COMPOUND, 13 OZ.

This cold galvanizing compound contains 13 oz. (369g) of high quality zinc-rich cold galvanizing spray compound. Provides exceptional protection from rust and corrosion.



CAT# 37031
NOZZLE GEL, 16 OZ.

This nozzle gel contains 16 oz. (453.6g) of gel that eliminates erratic operation with a film that will not clog orifices and threads on MIG nozzles and contact tips. Suitable for use on fixtures of semi- and automatic welders. Odorless, non-flammable, non-toxic and silicone free, it will not cause porosity.



CAT# 377
WELDER START UP KIT

Contains all the basic welding accessories you need to get started: Bandit Flip Front Welding Helmet with fully adjustable ratcheting headgear (Forney® 55666), leather welding gloves (Forney® 55200), chipping hammer with anti-shock handle (Forney® 70600), and carbon steel scratch brush (Forney® 70505).



TOOLS



CAT# 70501
WOOD HANDLE CARBON STEEL WIRE BRUSH

Replacement carbon steel wire brush for Forney® 70500 Chipping Hammer. Sturdy, high quality, carbon steel wire brush set in hardwood with hang hole. 4-3/4" (120.65mm) overall length (OAL) x 7/8" (22.22mm) block x .014" (.36mm) carbon steel wire in 3 x 15 rows.



CAT# 70500
CHIPPING HAMMER WITH WIRE BRUSH, 12 IN.

Chipping Hammer with Wire Brush Tempered steel chisel to resist dulling during heavy-duty usage. Impact resistant handle. Removable and replaceable brush (Forney® 70501) for cleaning. 12" (304.8mm) overall length (OAL).



CAT# 70600
STRAIGHT HEAD CHIPPING HAMMER, 10-1/2 IN.

High carbon steel. Tempered chisel on one end and point on the other. Black. Durable. All-purpose. Shockproof handle with loop for belt hook. 10-1/2" (266.7mm) overall length (OAL).



CAT# 70601
CROSS-PEEN CHIPPING HAMMER, 10-1/2 IN.

High carbon steel. Tempered chisel on one end and point on the other. Black. Durable. All-purpose. Shockproof handle with loop for belt hook. 10-1/2" (266.7mm) overall length (OAL).



CAT# 70610
STRAIGHT HEAD CHIPPING HAMMER 10-1/2 IN.

High carbon steel with wood handle. Tempered flat chisel on one end, point on the other end. Durable. All purpose. Sturdy. Hardwood handle for comfort. 10-1/2" (266.7mm) overall length (OAL).



CAT# 85801
MIG PLIERS, 7-IN-1 MIG TOOL

Includes 7 features for MIG welding applications: (1) Needle nose pliers grip for pulling, (2) Small serrated hole for MIG tips, (3) Flat surfaces for hammering, (4) Cutter to trim MIG wire, (5) Large serrated hole for nozzle, (6) Spring loaded handle, and (7) Heavy insulated comfort grip.

OPENING INVENTORIES

CAT# 99790

334-PIECE (SHORT) METALWORKING OPENING INVENTORY

INCLUDES 1-EACH FORNEY® 30301-30401-30405-30410-30701-30705-30801-30805-30810-31101-31105-31201-31205-31210-31305-37031-38072-38103-38109-38116-42285-42286-42287-42290-42291-42292-42300-42303-43400-44559-45889-48492-48502-54410-55200-55320-55652-55666-55673-56000-57010-57052-59021-60121-60125-60303-60447-60449-60463-70600-70816-71798-71803-71804-71805-71806-72324-72400-72753-72754-73148-85801-86119-86140-86145-93097; 2-EACH 38073-42302-55295-55338-55403-55975-56800-57055-60028-60073-60090-60091-60092-60093-60094-60095-60096-60098-60099-60171-60172-60181-60190-60300-60305-60306-70488-70489-70490-70491-70503-70504-70505-70511-70512-70520-70521-70710-70717-70802-70807-71879-71985-71986-71987-71991-72386-72725-72731-72735-72737-72739-72745-72755-72757-72759-86102-86103-86104-86120-86122; 3-EACH 71819-71865-71866-71875-71878-71892; 5-EACH 71793-71800-71802-71807-71840-71841-71843-71844-71846-71847-71848-71850-71855-71856-71876-71877

PLUS FREE 1-EACH 10001; 2-EACH 10423; 6-EACH 10202; 40-EACH 10201; 95-EACH 10200; 156-EACH 10217

CAT# 99792

248-PIECE 4 FT. (SHORT) METALWORKING OPENING INVENTORY

INCLUDES 1-EACH FORNEY® 30301-30401-30405-30801-30805-31101-31201-31205-38072-38109-38116-42286-42287-42291-42292-42300-45889-48502-54410-55200-55320-55652-55666-56000-57010-57052-60303-60447-60449-60463-70600-70816-72753-86119; 2-EACH 38073-42302-55295-56800-57055-60090-60091-60092-60093-60094-60095-60171-60172-60300-60305-60306-70488-70489-70503-70504-70505-70511-70512-70520-70521-70710-70714-70802-70807-71879-71985-71986-72386-72731-72735-72737-72739-72755-72757-72759-86102-86103-86104-86120-86122; 3-EACH 71807-71819; 5-EACH 71793-71800-71802-71840-71841-71843-71844-71846-71847-71848-71855-71856-71876-71877

PLUS FREE 1-EACH 10001-10423; 5-EACH 10202; 22-EACH 10201; 88-EACH 10200; 120-EACH 10217

CAT# 99794

400-PIECE 12 FT. (SHORT) METALWORKING OPENING INVENTORY

INCLUDES 1-EACH FORNEY® 1705-30301-30305-30401-30405-30410-30505-30685-30701-30705-30801-30805-30810-31101-31105-31201-31205-31210-31305-32105-37030-37031-38070-38072-38103-38109-38116-40201-42285-42286-42287-42290-42291-42292-42300-42303-43400-44556-44559-45889-48492-48502-54410-54510-55200-55307-55320-55652-55666-55673-55816-55817-55818-55819-56000-56200-57008-57010-57052-58602-58605-59021-60120-60121-60125-60127-60164-60170-60303-60429-60447-60448-60449-60463-60464-70202-70600-70601-70816-71798-71803-71804-71805-71806-72324-72400-72752-72753-72856-72866-73148-85801-86119-86140-86145-93097; 2-EACH 38073-42302-55295-55338-55403-55975-56800-57055-57056-60028-60036-60073-60074-60090-60091-60092-60093-60094-60095-60096-60098-60099-60165-60166-60171-60172-60181-60182-60190-60191-60300-60305-60306-70469-70485-70488-70489-70490-70491-70503-70504-70505-70511-

CAT# 99791

385-PIECE (TALL) METALWORKING OPENING INVENTORY

INCLUDES 1-EACH FORNEY® 1705-30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-31305-31310-37030-37031-37250-38070-38072-38103-38109-38116-40101-40201-40202-42286-42303-43400-44559-45889-48490-55652-55666-55673-55674-58605-70816-93097; 2-EACH 38073-42290-42291-42292-42300-42302-54410-55199-55200-55301-55320-56000-56800-56801-57005-57008-57009-57010-57052-57055-60027-60028-60029-60030-60032-60036-60120-60121-60124-60125-60126-60127-60170-60171-60172-60184-60185-60190-60191-60238-60239-60250-60305-60306-60312-60313-60315-60447-60449-60462-60464-70202-70469-70485-70487-70488-70489-70490-70491-70503-70504-70505-70506-70511-70512-70520-70521-70600-70710-70716-70717-70802-70807-71667-71668-71669-71670-71793-71797-71798-71800-71801-71802-71805-71806-71807-71819-71840-71841-71844-71846-71847-71848-71852-71854-71855-71856-71865-71866-71875-71876-71877-71879-71892-71930-71931-71932-71985-71986-71987-71991-71992-71993-72321-72386-72725-72726-72727-72728-72729-72731-72732-72733-72734-72735-72736-72737-72739-72742-72745-72747-72750-72753-72754-72755-72757-72758-72759-72762-72788-85801-86102-86103-86104-86119-86120-86122-86140

PLUS FREE 1-EACH 10001, 2-EACH 10423, 6-EACH 10202; 50-EACH 10201; 125-EACH 10200; 175-EACH 10217

CAT# 99793

240-PIECE 4 FT. (TALL) METALWORKING OPENING INVENTORY

INCLUDES 1-EACH FORNEY® 30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-40101-40201-42286-43400-48490-55652-55666-60447-60449-60462-60464-70816; 2-EACH 42290-42291-42292-42300-42302-55200-55301-56800-57008-57009-57010-60027-60028-60029-60030-60032-60036-60170-60171-60172-60306-60312-60313-70490-70491-70503-70504-70505-70506-70511-70512-70520-70521-70600-70802-71793-71798-71801-71802-71807-71814-71819-71840-71841-71844-71846-71847-71848-71855-71856-71866-71875-71876-71877-71879-71892-71930-71931-71932-71985-71986-71987-71991-71992-71993-72321-72386-72725-72726-72727-72728-72729-72731-72732-72733-72734-72735-72736-72737-72739-72742-72745-72747-72750-72753-72754-72755-72757-72758-72759-72762-72788-86103-86104-86120-86122

PLUS FREE 1-EACH 10001-10423; 6-EACH 10202; 35-EACH 10201; 60-EACH 10200; 110-EACH 10217

70512-70520-70521-70710-70714-70717-70802-70807-71879-71883-71930-71931-71932-71985-71986-71987-71991-71992-71993-72356-72386-72725-72731-72735-72737-72739-72745-72754-72755-72757-72759-72788-86102-86103-86104-86120-86122; 3-EACH 71807-71819-71865-71866-71875-71878-71892; 5-EACH 71793-71800-71802-71840-71841-71843-71844-71846-71847-71848-71850-71855-71856-71876-71877

PLUS FREE 1-EACH 10001-10366; 3-EACH 10423; 10-EACH 10202; 50-EACH 10201; 160-EACH 10200; 210-EACH 10217

CAT# 99795**548-PIECE 12 FT. (TALL) METALWORKING
OPENING INVENTORY**

INCLUDES 1-EACH FORNEY® 1705-30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-31305-31310-37030-37031-37250-38070-38072-38103-38109-38116-40101-40201-40202-42286-42287-42303-43400-44559-45889-48490-54510-55307-55652-55666-55673-55674-56200-58605-59021-60303-70816-86145-93097; 2-EACH 38073-42290-42291-42292-42300-42302-54410-54722-54732-55199-55200-55206-55295-55301-55320-55338-55403-55814-55816-55817-55818-55820-55975-56000-56800-56801-57005-57008-57009-57010-57052-57055-57056-58602-60027-60028-60029-60030-60032-60036-60050-60051-60052-60053-60054-60055-60090-60091-60092-60093-60094-60095-60096-60098-60099-60120-60121-60124-60125-60126-60127-60170-60171-60172-60181-60182-60183-60184-60185-60186-60187-60188-60189-60190-60191-60192-60238-60239-60250-60300-60305-60306-60312-60313-60315-60428-60429-60447-60449-60462-60464-70202-70469-70485-70487-70488-70489-70490-70491-70503-70504-70505-70506-70511-70512-70520-70521-70600-70710-70716-70717-70802-70807-71667-71668-71669-71670-71653-71654-71655-71656-71793-71797-71798-71800-71801-71802-71803-71804-71805-71806-71807-71814-71819-71840-71841-71842-71843-71844-71845-71846-71847-71848-71850-71852-71854-71855-71856-71865-71866-71875-71876-71877-71879-71883-71886-71892-71894-71895-71920-71921-71926-71927-71930-71931-71932-71933-71985-71986-71987-71991-71992-71993-72040-72321-72323-72324-72386-72390-72391-72395-72396-72400-72401-72402-72725-72726-72727-72728-72729-72730-72731-72732-72733-72734-72735-72736-72737-72738-72739-72740-72742-72745-72747-72749-72750-72751-72753-72754-72755-72756-72757-72758-72759-72760-72762-72788-73148-85801-86102-86103-86104-86119-86120-86122-86140

PLUS FREE 1-EACH 10001-10366; 3-EACH 10423; 15-EACH 10202; 60-EACH 10201; 175-EACH 10200; 250-EACH 10217

CAT# 99805**204-PIECE 4 FT. METALWORKING
OPENING INVENTORY**

INCLUDES 1-EACH FORNEY® 55666-55698; 2-EACH 30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-40101-40201-42286-42290-42291-42292-42300-42302-43400-48490-55200-55301-56800-57008-57009-57010-60027-60028-60029-60030-60032-60036-60170-60171-60172-60306-60312-60313-70490-70505-70506-70511-70512-70520-70521-70600-70802-71793-71798-71801-71802-71807-71819-71840-71841-71844-71846-71847-71848-71852-71855-71856-71866-71875-71876-71877-71879-71892-71893-71897-71985-71986-71987-71991-71993-72386-72725-72727-72728-72729-72731-72732-72733-72735-72737-72745-72753-72754-72755-72757-72759-72788-86102-86103-86104-86120-86122

CAT# 99803**487-PIECE 12 FT. METALWORKING OPENING INVENTORY**

INCLUDES 1-EACH FORNEY® 55666-55673-55674-55698-58605; 2-EACH 30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-31305-31310-37250-40101-40201-40202-42286-42287-42290-42291-42292-42300-42302-42303-43400-44559-45889-48490-54410-54722-54732-55199-55200-55206-55301-55320-55814-55816-55817-55818-55820-56000-56800-56801-57005-57008-57009-57010-57052-57055-58602-60027-60028-60029-60030-60032-60036-60050-60051-60052-60053-60054-60055-60120-60121-60124-60125-60126-60127-60170-60171-60172-60181-60182-60183-60184-60185-60186-60187-60188-60189-60190-60191-60192-60238-60239-60250-60305-60306-60312-60313-60315-60428-60429-60447-60449-60462-60464-70202-70469-70485-70487-70488-70489-70490-70491-70503-70504-70505-70506-70511-70512-70520-70521-70600-70710-70716-70717-70802-70807-71667-71668-71669-71670-71653-71654-71655-71656-

CAT# 99800**158-PIECE 4 FT. METALWORKING
OPENING INVENTORY**

INCLUDES 1-EACH FORNEY® 30410-30686-31210-37030-37031-37250-38140-42286-42287-42327-43400-44556-44559-45300-45889-46111-48500-48571-54410-55301-55320-55654-55666-55814-55816-55818-56000-58605-60164-60165-60166-60407-60408-60447-60448-60449-70600-70716; 2-EACH 30301-30305-30401-30405-30680-30681-30684-30685-31101-31105-31201-31205-40101-40201-42290-42291-42292-42300-42302-55200-55206-56800-57009-57010-57052-57055-60170-60171-60172-60305-60306-70469-70485-70487-70505-70512-70520-70802-70807-85801-86102-86103-86104-86119-86120-86122-86140; 3-EACH 70824-0825; 4-EACH 70820-70822; 5-EACH 70818-70819

CAT# 99804**353-PIECE 8 FT. METALWORKING
OPENING INVENTORY**

INCLUDES 1-EACH FORNEY® 55666-55673-55674-55698-58605; 2-EACH 30301-30305-30401-30405-30410-30701-30705-30801-30805-31101-31105-31201-31205-31210-31305-31310-37250-40101-40201-40202-42286-42290-42291-42292-42300-42302-42303-43400-44559-45889-48490-54410-55199-55200-55301-55320-56000-56800-56801-57005-57008-57009-57010-57052-57055-60027-60028-60029-60030-60032-60036-60120-60121-60124-60125-60126-60127-60170-60171-60172-60184-60190-60191-60238-60239-60250-60305-60306-60312-60313-60315-60447-60449-60462-60464-70202-70469-70485-70487-70488-70489-70490-70491-70503-70504-70505-70506-70511-70512-70520-70521-70600-70710-70716-70717-70802-70807-71667-71668-71669-71670-71793-71797-71798-71800-71801-71802-71805-71807-71819-71840-71841-71844-71846-71847-71848-71852-71854-71855-71856-71866-71875-71876-71877-71879-71892-71893-71896-71897-71930-71931-71932-71985-71986-71987-71991-71992-71993-72321-72386-72725-72726-72727-72728-72729-72731-72732-72733-72734-72735-72736-72737-72739-72742-72745-72747-72750-72753-72754-72755-72757-72758-72759-72762-72788-85801-86102-86103-86104-86119-86120-86122-86140

71793-71797-71798-71800-71801-71802-71803-71804-71805-71806-71807-71814-71819-71840-71841-71842-71843-71844-71845-71846-71847-71848-71850-71852-71854-71855-71856-71866-71875-71876-71877-71879-71883-71886-71892-71893-71894-71895-71896-71897-71898-71920-71921-71926-71927-71930-71931-71932-71933-71985-71986-71987-71991-71992-71993-72040-72321-72323-72324-72386-72390-72391-72395-72396-72400-72401-72402-72454-72725-72726-72727-72728-72729-72731-72732-72733-72734-72735-72736-72737-72738-72739-72740-72742-72745-72747-72749-72750-72751-72753-72754-72755-72756-72757-72758-72759-72760-72762-72788-73148-85801-86102-86103-86104-86119-86120-86122-86140

SEE OUR PPE CATALOG FOR FULL PPE PRODUCT LINE UP, OR ONLINE AT FORNEYIND.COM

PPE

From the beginner to the professional, our personal protective equipment (PPE) has you covered. Using PPE is essential and Forney Industries offers a complete line of reliable products to keep you safe. All of our PPE products meet safety standard requirements and provide multiple styles and designs to meet your needs.



PROTECT YOUR EYES, NEW STYLES ARE IN!

INTRODUCING 3 NEW SERIES OF AUTO-DARKENING WELDING HELMETS



PREMIER SERIES™

The Forney® Premier Series™ auto-darkening welding helmets are the ideal helmets for hobbyists and beginner welders. These user-friendly, comfortable and functional welding helmets are economical for a wide range of basic needs. Available designs include Black Matte, Camo, Edge and Patriot.



ADVANTAGE SERIES™

The Forney® Advantage Series™ auto-darkening welding helmets are the ideal helmets for intermediate or advanced welders. These user-friendly and comfortable welding helmets have increased functionality features which enable longer performance when compared to basic auto-darkening welding helmets. They are economical for a wide range of intermediate user needs. Available designs include Black Matte, Camo, Edge and Patriot.



MASTER SERIES™

The Forney® Master Series™ auto-darkening welding helmets are the optimal helmets for professional welders. These versatile, highly functional and comfortable welding helmets are designed to meet the needs of performance-driven professionals. Available designs include Black Matte, Camo, Edge and Patriot.

	FORNEY® PREMIER SERIES™	FORNEY® ADVANTAGE SERIES™	FORNEY® MASTER SERIES™
VIEWING AREA	5.97 sq. in.	7.70 sq. in.	9.144 sq. in.
VARIABLE SHADE SELECTION	DIN 9 to 13	DIN 9 to 13	DIN 5 to 8 and 9 to 13
SHADE SELECTOR	External shade selector with grind option	External shade selector with grind option	Internal shade selector with grind option
NUMBER OF ARC SENSORS	2	4	4
OPTICAL CLARITY RATING	1/1/1/2	1/1/1/2	1/1/1/1
SHELL	Lightweight (15.34 oz.), impact resistant, fireproof	Lightweight (16.22 oz.), high impact resistant nylon	Lightweight (18.51 oz.), high impact resistant nylon
SENSITIVITY CONTROL ADJUSTMENT	Low-High, adjust by switch button	Low-High, adjust by step-less button	Low-High, adjust by step-less button
DELAY CONTROL ADJUSTMENT	Low-High, adjust by switch button	Low-High, adjust by step-less button	Low-High, adjust by step-less button
CONTROLS	Internal switch	Internal step-less	Internal step-less
SWITCHING SPEED	1/16,000 per second	1/16,000 per second	1/20,000 per second
LOW TIG AMPS RATED	15 AMP	8 AMP	5 AMP
POWER SUPPLY	Solar cells with 2-each non-replaceable 3V lithium batteries and automatic on/off technology	Solar cells with 2-each replaceable 3V lithium batteries and automatic on/off technology	Solar cells with 2-each replaceable 3V lithium batteries and automatic on/off technology
MEETS STANDARDS	All related CE standards (DIN and ISO), and EN166, EN175, EN379 and ANSI Z87.1 safety standards	All related CE standards (DIN and ISO), and EN166, EN175, EN379, ANSI Z87.1, CSA Z94.3, AS/NZS1337 and AS/NZS1338 safety standards	All related CE standards (DIN and ISO), and EN166, EN175, EN379, ANSI Z87.1, CSA Z94.3, AS/NZS1337 and AS/NZS1338 safety standards

MASTER SERIES™

The Forney® Master Series™ auto-darkening welding helmets are the optimal helmets for professional welders. These versatile, highly functional and comfortable welding helmets are designed to meet the needs of performance-driven professionals. Available designs include Black Matte, Camo, Edge and Patriot.



CAT# 55709

**MASTER AUTO-DARKENING
WELDING HELMET, BLACK**

CAT# 55710

**MASTER AUTO-DARKENING
WELDING HELMET, CAMO**

ADVANTAGE SERIES™

The Forney® Advantage Series™ auto-darkening welding helmets are the ideal helmets for intermediate or advanced welders. These user-friendly and comfortable welding helmets have increased functionality features which enable longer performance when compared to basic auto-darkening welding helmets. They are economical for a wide range of intermediate user needs. Available designs include Black Matte, Camo, Edge and Patriot.



CAT# 55705

**ADVANTAGE AUTO-DARKENING
WELDING HELMET, BLACK**

CAT# 55706

**ADVANTAGE AUTO-DARKENING
WELDING HELMET, CAMO**

PREMIER SERIES™

The Forney® Premier Series™ auto-darkening welding helmets are the ideal helmets for hobbyists and beginner welders. These user-friendly, comfortable and functional welding helmets are economical for a wide range of basic needs. Available designs include Black Matte, Camo, Edge and Patriot.



CAT# 55701

**PREMIER AUTO-DARKENING
WELDING HELMET, BLACK**

CAT# 55702

**PREMIER AUTO-DARKENING
WELDING HELMET, CAMO**



CAT# 55711
MASTER AUTO-DARKENING
WELDING HELMET, EDGE



CAT# 55712
MASTER AUTO-DARKENING
WELDING HELMET, PATRIOT



CAT# 55707
ADVANTAGE AUTO-DARKENING
WELDING HELMET, EDGE



CAT# 55708
ADVANTAGE AUTO-DARKENING
WELDING HELMET, PATRIOT



CAT# 55703
PREMIER AUTO-DARKENING
WELDING HELMET, EDGE



CAT# 55704
PREMIER AUTO-DARKENING
WELDING HELMET, PATRIOT

**CAT# 55311****OXY-ACETYLENE WELDING GOGGLES, 50MM, SHADE 5**

"Eye piece Type." Features two separate 50mm round #5 shade hardened eye pieces. Equipped with cover lenses. Folds for storage and carrying. Meets ANSI Z87.1 Safety Standards. Forney® 56900 (shaded) and 56901 (clear) replacement 50mm eye pieces are available separately. Provides 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 55315****OXY-ACETYLENE WELDING GOGGLES, LIFT FRONT, SHADE 5**

Two (2) 50mm round #5 shade hardened eye pieces. Soft vinyl allows goggles to fit over regular eye glasses. Meets ANSI Z87.1 Safety Standards. Forney® 56900 and 56901 replacement eye pieces are available separately. 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 55300****OXY-ACETYLENE WELDING GOGGLES, 50MM, SHADE 5**

Two (2) 50mm round hardened eye pieces. Soft vinyl allows goggles to fit over regular eye glasses. Meets ANSI Z87.1 Safety Standards. Forney® 56900 and 56901 replacement eye pieces are available separately. 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 55301****OXY-ACETYLENE WELDING GOGGLES, LIFT FRONT, SHADE 5**

Oxy-acetylene welding goggles featuring 2" (50.8mm) x 4-1/4" (107.95mm) #5 shade hardened lens with clear glass cover lens. Meets ANSI Z87.1 safety standards. Conforms comfortably to the head and allows ample room to fit over regular eye glasses. Provides 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 55320****OXY-ACETYLENE WELDING GOGGLES, LIFT FRONT, SHADE 5**

2" (50.8mm) x 4-1/4" (107.95mm) #5 shade hardened lens with clear glass cover lens. Meets ANSI Z87.1 safety standards. Fits over prescription eyewear. Provides 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 55312****OXY-ACETYLENE WELDING GOGGLES, SHADE #5, WHEELZ™**

IR shade #5 filter and green frame. Frame is soft, lightweight, & flexible, providing additional comfort for long days on the job site. Whirlwind ventilation system minimizes fogging by circulating air through the optical chamber. Adjustable elastic head strap to ensure a safe, snug fit. Meets ANSI Z87.1 safety standards. Provides 99.9% UV protection.

**CAT# 55313****OXY-ACETYLENE WELDING GOGGLES, SHADE #5**

Sebring® 600 shade #5 eyewear. Adjustable temples. For welding affiliated operations such as medium to heavy torch soldering, brazing and cutting. Ideal in gas welding operations. Anti-scratch UV absorbing polycarbonate lens. Wide lens style. Provides 99.9% UV protection. Meets ANSI Z87.1-2003 and ANSI+ High Impact Standards.

**CAT# 55314****OXY-ACETYLENE WELDING GOGGLES, #5 SHADE**

Odyssey® II cutting goggles. Shade #5 IR panoramic lens. Includes indirect vents on top & bottom that protect against liquids & dust. UV absorbing polycarbonate. Fits over prescription eyewear. Meets ANSI Z87.1-2003 Standards, ANSI + High Impact Standards & is CUL Certified to meet CAN/CSA-Z94.3 Standards. Provides 99.9% UV protection.

**CAT# 55666****ARC WELDING HELMET, LIFT FRONT, "BANDIT I"**

Includes ratcheting-type headgear, lift front 2" (50.8mm) x 4-1/4" (107.95mm) heat treated #10 shade lens, and clear glass protective lens. Lightweight, tough and durable welding helmet. Good choice for do-it-yourselfer. UV/IR protection. Meets ANSI Z87.1 Safety Standards. Forney® 55674 is replacement ratcheting-type headgear.

**CAT# 55673****ARC WELDING HELMET, FIXED FRONT "BANDIT II"**

Arc welding helmet, fixed front, "Bandit II." Includes ratcheting-type headgear, 5-1/4" (133.35mm) x 4-1/2" (114.3mm) heat treated #10 shade lens, and clear glass protective lens. UV/IR protection. Meets ANSI Z87.1 Safety Standards. Forney® 55674 is replacement ratcheting-type headgear.

**CAT# 55672****ARC WELDING HELMET, LIFT FRONT, "BANDIT III"**

Lift-front. Includes ratcheting-type headgear, 5-1/4" (133.35mm) x 4-1/2" (114.3mm) heat treated #10 shade lens, and clear glass protective lens. Lightweight, tough and durable welding helmet. UV/IR protection. Meets ANSI Z87.1 Safety Standards. Forney® 55674 is replacement ratcheting-type headgear.

**CAT# 55784****REPLACEMENT RATCHETING-TYPE HEADGEAR**

Replacement Ratchet Headgear for the Forney® Premier Series™, Advantage Series™ and Master Series™ Auto-darkening Welding Helmets. Quick-fit, 5-point adjustable geared headband with sweatband mechanism greatly reduces head, neck strain and general fatigue caused by repeated lowering of the helmet during day-to-day welding operations.

**CAT# 55677****REPLACEMENT RATCHETING-TYPE HEADGEAR**

Replacement ratcheting-type headgear for Forney® 55652 ("Camouflage"), 55653 ("Silver"), 55654 ("Glory"), and 55655 ("Anarchy") welding helmets.

**CAT# 55674****REPLACEMENT RATCHETING-TYPE HEADGEAR**

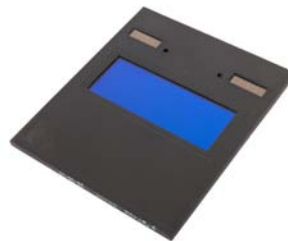
Replacement ratcheting-type headgear for Forney® 55666 ("Bandit I"), 55673 ("Bandit II"), 55697 ("Insta-Shade II"), and old-style 55699 ("Insta-Shade III" - two control knobs on outside of helmet) welding helmets.

**CAT# 55675****REPLACEMENT RATCHETING-TYPE HEADGEAR**

Replacement ratchet-type headgear for "new style" Forney® 55699, "Insta-Shade III" (one control knob on outside of helmet), and 55698, "Insta-Shade IV" welding helmets.

**CAT# 55695****WELDING LENS, AUTO-DARKENING, 2 IN. X 4-1/4 IN.**

1/2000th second reaction time. Shade #3 in light state and Shade #10 in darkened state. Constant UV/IR protection. Water and dust proof. Solar powered with built-in lithium battery back-up. Meets ANSI Z87.1 Safety Standards. Fits most brand name auto-darkening helmets using the same lens size.

**CAT# 55700****WELDING LENS, AUTO-DARKENING, 5-1/4 IN. X 4-1/2 IN.**

Replacement Lens. 1/2000th second reaction time. Shade #3 in light state and shade #10 in darkened state. Constant UV/IR protection. Water and dust proof. Solar powered with built-in lithium battery back-up. Meets ANSI Z87.1 Safety Standards. Fits most brand name auto-darkening helmets using the same lens size.

**CAT# 56791****WELDING LENS, SHADE #6, 2 IN. X 4-1/4 IN. COBALT BLUE™**

2" (50.8mm) x 4-1/4" (107.95mm) Shade #6 passive filter plate. Cobalt Blue™ products diffuse the orange glow from strong sodium emissions. For operations such as medium to heavy torch soldering, brazing and cutting operations. Durable, heat resistant material. UV/IR protection. Meets ANSI Z87.1-2003 Standards and ANSI+ High Impact Standards. Fits Forney® 55320 and 55301 and similar goggles with 2" (50.8mm) x 4-1/4" (107.95mm) face plates.

**CAT# 57103****WELDING MAGNIFYING LENS,
F1.5 "MAGNA WELD"**

Magnifying Lens, 2" (50.8mm) x 4-1/4" (107.95mm) welding lens. Allows user to weld with or without eye glasses. Meets ANSI Z87.1 Safety Standards. Fits Forney® 55680 welding helmets and most helmets using a 2" (50.8mm) x 4-1/4" (107.95mm) window opening.

**CAT# 57105****WELDING MAGNIFYING LENS,
F2.0 "MAGNA WELD"**

Magnifying Lens, 2" (50.8mm) x 4-1/4" (107.95mm) welding lens. Allows user to weld with or without eye glasses. Meets ANSI Z87.1 Safety Standards. Fits Forney® 55680 welding helmets and most brand name helmets using a 2" (50.8mm) x 4-1/4" (107.95mm) window opening.

**CAT# 56808****REPLACEMENT INSIDE CLEAR
PLASTIC COVER LENS**

3-5/8" (92.08mm) X 2-11/64" (55.17mm) replacement inside cover lens, fits current Forney® 55698, "Insta-Shade IV" & 55699, "Insta-Shade" III auto-darkening welding helmets.

**CAT# 56810****REPLACEMENT CLEAR PLASTIC
COVER LENS**

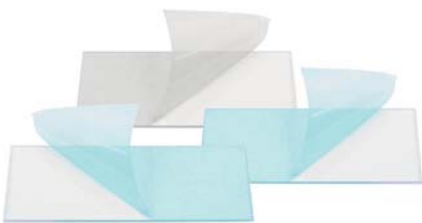
Clear Plastic Cover Lens for Forney® 55652 & 55653 Welding Helmets, 2-Pack

**CAT# 56811****REPLACEMENT CLEAR PLASTIC
SAFETY LENS**

Clear Plastic Safety Lens for Forney® 55652 Welding Helmet, 2-Pack

**CAT# 56812****REPLACEMENT CLEAR PLASTIC
SAFETY LENS**

Clear Plastic Safety Lens for Forney® 55653 Welding Helmet, 2-Pack

**CAT# 56813****COVER & SAFETY LENS
ASSORTMENT**

6-Piece Cover & Safety Lens Assortment, Fits Forney® 55652 & 55653. Includes 1-Each Forney® 56812; 2-Each 56811; and 3-Each 56810

PLUS FREE 3-Each 10232

**CAT# 56900****LENS, REPLACEMENT, 50MM
ROUND, SHADE 5**

Meets ANSI Z87.1 Safety Standards. For Forney® 55300, 55311 and 55315 welding goggles or similar goggles using 50mm eye pieces. Provides 99.9% UV protection. **DESIGNED FOR GAS WELDING ONLY.**

**CAT# 56901****LENS, REPLACEMENT, 50MM
ROUND, CLEAR, COVER LENS**

Meets ANSI Z87.1 Safety Standards. Replacement 50mm eye pieces for Forney® 55300, 55311 and 55315 welding goggles or similar goggles using 50mm eye pieces. **DESIGNED FOR GAS WELDING ONLY.**

**REPLACEMENT 2" X 4-1/4" SHADED LENS**

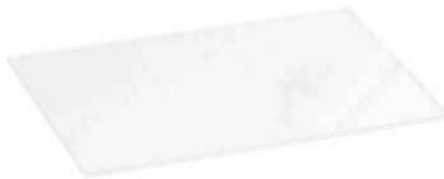
CAT#	SIZE	SHADE
57005	2" x 4-1/4"	#5
57008	2" x 4-1/4"	#8
57009	2" x 4-1/4"	#9
57010	2" x 4-1/4"	#10
57011	2" x 4-1/4"	#11
57012	2" x 4-1/4"	#12

**REPLACEMENT 5-1/4" X 4-1/2" SHADED LENS**

CAT#	SIZE	SHADE
57050	5-1/4" x 4-1/2"	#8
57051	5-1/4" x 4-1/2"	#9
57052	5-1/4" x 4-1/2"	#10
57053	5-1/4" x 4-1/2"	#11
57054	5-1/4" x 4-1/2"	#12

CLEAR COVER LENS

CAT#	SIZE	MATERIAL	REPLACEMENT PART FOR
56802	4-7/16" x 3-1/8"	Plastic	55699
56804	4-7/16" x 3-1/8"	Plastic	55699
56807	4-11/32" x 3-5/8"	Plastic	55698, 55699
57055	5-1/4" x 4-1/2"	Plastic	55647, 55669, 55672, 55673, 55684, 55686
56800	2" x 4-1/4"	Plastic	55663, 55666, 55680
57056	5-1/4" x 4-1/2"	Glass	55647, 55669, 55672, 55673, 55684, 55686
56801	2" x 4-1/4"	Glass	55663, 55666, 55680
57057	5-1/4" x 4 1/2"	Plastic	55650, 55651

**MAGNIFYING LENS**

CAT#	DIOPTR	REPLACEMENT PART FOR
55780	1.0	Forney® Premier Series™, Advantage Series™ and Master Series™ Auto-darkening Welding Helmets
55781	1.5	
55782	2.0	
55783	2.5	



REPLACEMENT OUTER COVER LENS

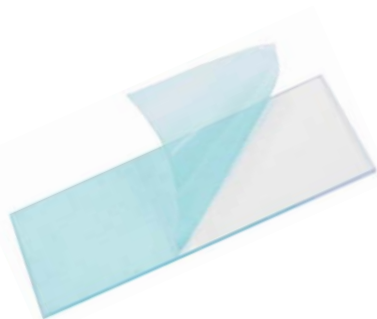
CAT#	SIZE	REPLACEMENT PART FOR	QUANTITY
55750	4.61" x 3.43" x 0.039"	Forney® Premier Series™ Auto-Darkening helmets	2-Pack
55751	4.61" x 3.43" x 0.039"	Forney® Premier Series™ Auto-Darkening helmets	5-Pack
55752	4.35" x 3.57" x 0.039"	Forney® Advantage Series™ Auto-Darkening helmets	2-Pack
55753	4.35" x 3.57" x 0.039"	Forney® Advantage Series™ Auto-Darkening helmets	5-Pack
55754	5.20" x 4.46" x 0.06"	Forney® Master Series™ Auto-Darkening helmets	2-Pack
55755	5.20" x 4.46" x 0.06"	Forney® Master Series™ Auto-Darkening helmets	5-Pack

REPLACEMENT INNER PROTECTIVE LENS

CAT#	SIZE	REPLACEMENT PART FOR	QUANTITY
55756	3-11/16" x 1-3/4"	Forney® Premier Series™ Auto-Darkening helmets	2-Pack
55757	4.15" x 2.09" x 0.039"	Forney® Advantage Series™ Auto-Darkening helmets	2-Pack
55758	4.20" x 2.51" x 0.039"	Forney® Master Series™ Auto-Darkening helmets	2-Pack

GOLD COATED WELDING LENS

CAT#	SIZE	SHADE	MATERIAL	REPLACEMENT PART FOR
57070	5-1/4" x 4-1/2"	9	Glass	55647, 55669, 55672, 55673, 55684, 55686
57071	5-1/4" x 4-1/2"	10	Glass	55647, 55669, 55672, 55673, 55684, 55686
57060	2" x 4-1/4"	9	Glass	55663, 55666, 55680
57061	2" x 4-1/4"	10	Glass	55663, 55666, 55680

**CAT# 57202****FORNEYHIDE™ LEATHER WAIST WELDING APRON**

Weld-Rite™ 24" (609.6mm) x 24" (609.6mm) leather waist welding apron. Chrome-tanned premium split cowhide pieces. Kevlar® stitches, rivet reinforced stress points and adjustable nylon straps with quick release buckle. Includes Forney® logo.

**CAT# 57203****FORNEYHIDE™ LEATHER BIB-STYLE WELDING APRON**

Weld-Rite™ 24" (609.6mm) x 36" (914.4mm) leather bib-style welding apron. Chrome-tanned premium split cowhide pieces. Kevlar® stitches, rivet reinforced stress points and adjustable nylon straps with quick release buckle. 2-compartment chest pocket. Includes Forney® logo.

**CAT# 57200****FORNEYHIDE™ LEATHER WELDING SLEEVES, 18 IN.**

Weld-Rite™ 18" (457.2mm) leather sleeves protect up to the mid-bicep and fit easily into welding glove cuffs. Adjustable leather bicep straps and snaps at the wrist. Chrome-tanned, premium side split cowhide. Kevlar® stitched seams and rivets for reinforcement. Sold as pairs.



CAT#	SIZE
55814	7
55815	7 1/8
55816	7 1/4
55817	7 3/8
55818	7 1/2
55819	7 5/8
55820	7 3/4

REVERSIBLE MULTI-COLORED WELDING CAPS

Welding cap, colorful and sporty looking. Assorted colors available. 100% cotton cap that resists sparks. Bill assembled with multi-layers of cloth for flexibility.



CAT# 57201
FORNEYHIDE™ LEATHER WELDING SLEEVES, 23 IN.

Weld-Rite™ 23" (584.2mm) leather sleeves with adjustable neck straps and snaps at the wrist that fit easily into welding glove cuffs. Chrome-tanned, premium side split cowhide. Kevlar® stitched seams and rivets for reinforcement. Sold as pairs.



CAT# 55810
LINERS & CAPS ASSORTMENT, 28-PIECE OPENING INVENTORY

28-Piece Liners & Caps Assortment. Includes 2-Each Forney® 55814, 55815, 55816, 55817, 55818, 55819, 55820, 55834, 55835, 55852, 55853, 55854, 55855 & 55856 **PLUS FREE** 14-Each 10232



CAT#	SIZE
55852	7
55853	7 1/8
55854	7 1/4
55855	7 3/8
55856	7 1/2

BLACK QUILTED SKULL CAPS

Welding Cap, Black, Quilted. Close-to-the-head style skull cap with small bill for use with welding helmets and all types of headgear. Keeps hot sparks out of your hair. Quilted for extra strength. Available in black only.



The creator, the fixer, or the novice.
Whatever your do-it-yourself title may be, Forney® EasyWeld™ has a machine for you. Simple and convenient, the Forney® EasyWeld™ machines are the perfect addition for the DIY garage.

Forney
EASY WELD™

GLOVES

ForneyHide™ gloves are designed to excel in three ways: Fit, Form, and Function. By combining all three attributes with our passion for quality control, ForneyHide gloves deliver long lasting, comfortable protection to get the job done right.

The broad line of ForneyHide gloves creates a destination category for our retail and industrial customers. Multiple styles, job specific design, eye-catching packaging, and POP support create the invitation to buy. Seasonal promotions, sizing charts and our in store service keep the display neat, clean and fresh to maximize sales year round.



FORNEY® "SIGNATURE" WELDING GLOVES

CAT#	SIZE
53410	Large
53411	X-Large

Premium Grade Full grain palm and back. Heat and abrasion resistant reinforced patches in key strategic areas for added protection. 5" split leather reinforced safety cuff offers extra wrist and forearm protection. Fortified with heat resistant Kevlar thread for added durability and wear. Self-hemmed welting in seams to provide extra strength to seams adding durability and strength to the glove. Forney® embossed on glove.

HEAVY-DUTY WELDING GLOVES WITH REINFORCED THUMB

Premium side-split leather palm and back with heat and abrasion resistant reinforced patches. Extended cuff offers extra wrist and forearm protection and the cotton foam lining absorbs moisture. Self-hemmed welting's in seams to provide extra strength and durability to the glove. Forney® imprint on glove.

CAT#	SIZE
53422	Large
53423	X-Large

SPLIT LEATHER WELDING GLOVES, GREY

Split Leather palm and back. Extended Gauntlet safety cuff offers extra wrist and forearm protection. Cotton lining for moisture absorption. Self-hemmed welting's in seams to provide extra strength to seams adding durability and strength to the glove. Forney® imprint on glove.

CAT#	SIZE
53427	Medium
55200	Large
53429	X-Large

SPLIT LEATHER WELDING GLOVE, BROWN

Split Leather palm and back. Extended Gauntlet safety cuff offers extra wrist and forearm protection. Cotton lining for moisture absorption. Self-hemmed welting's in seams to provide extra strength to seams adding durability and strength to the glove. Forney® imprint on glove.

CAT#	SIZE
53430	Medium
55206	Large
53432	X-Large

TIG WELDING GLOVES

Premium full grain goatskin leather palm and back. Extended split leather gauntlet safety cuff offers extra wrist and forearm protection. Fortified with heat resistant Kevlar thread for added durability and wear. Self-hemmed welting's in seams to provide extra strength to seams adding durability and strength to the glove. Forney® imprint on glove.

CAT#	SIZE
55209	Large
55210	X-Large



SPLIT LEATHER WELDING GLOVES, BLACK

Split Leather palm and back. Extended Gauntlet safety cuff offers extra wrist and forearm protection. Fortified with heat resistant Kevlar thread for added durability and wear. Cotton fleece lining for moisture absorption. Self-hemmed welting's in seams to provide extra strength to seams adding durability and strength to the glove. Forney® imprint on glove.

CAT#	SIZE
53425	Large
53426	X-Large



ECONOMY WELDING GLOVES

Split Leather palm and back. 4" safety cuff offers extra wrist and forearm protection. Cotton lining for moisture absorption. Forney® imprint on glove.

CAT#	SIZE
55199	Large
53435	X-Large



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55754	105	57201	106	60427	61	61444	78	61523	82
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55780	104	57203	105	60429	61	61447	78	61529	74
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55852	106	57903	86	60462	62	61464	82	61544	82
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55856	106	58402	85	60471	61	61469	82	70216	91
56000	38	58499	85	60472	61	61470	82	70217	91
56200	38	59020	74	60473	61	61471	78	70221	92
56205	38	59021	74	60482	61	61472	78	70225	92
56791	102	60160	22	60483	61	61473	78	70226	92
56800	104	60161	22	60484	61	61474	78	70227	92
56801	104	60164	21	60505	61	61475	78	70228	92
56802	104	60165	21	60506	61	61476	78	70229	92
56804	104	60166	21	60507	61	61477	78	70301	91
56807	104	60167	21	60515	62	61478	78	70470	82
56808	103	60168	21	60516	62	61479	78	70471	82
56810	103	60170	21	60517	62	61480	78	70472	82
56811	103	60171	21	61400	79	61481	79	70473	82
56812	103	60172	21	61401	79	61482	79	70474	82
56813	103	60173	21	61402	79	61483	79	70475	82
56900	103	60174	21	61403	79	61484	79	70476	82
56901	103	60175	21	61404	79	61485	79	70484	82
57005	104	60176	21	61405	79	61486	79	70500	94
57008	104	60177	21	61406	79	61489	80	70501	94
57009	104	60178	21	61407	79	61490	80	70600	94
57010	104	60179	21	61409	79	61491	77	70601	94
57011	104	60300	82	61412	77	61499	74	70610	94
57012	104	60301	82	61419	78	61503	74	70620	84
57050	104	60303	82	61420	78	61508	82	70621	84
57051	104	60325	69	61421	78	61509	82	70622	84
57052	104	60326	69	61422	78	61510	82	70623	84
57053	104	60330	69	61423	78	61511	82	70624	84
57054	104	60331	69	61425	78	61512	74	70715	92
57055	104	60332	68	61426	78	61513	82	70716	92
57056	104	60402	62	61427	78	61514	82	70717	92
57057	104	60403	62	61428	78	61515	82	70815	84
57060	105	60406	62	61429	78	61516	82	75203	84

85316	22	86102	58	87151	60
85317	19	86103	58	87200	63
85319	19	86104	58	87201	63
85330	22	86105	64	87202	63
85333	22	86109	64	87203	63
85334	22	86111	58	87220	60
85335	22	86113	69	87727	66
85336	22	86114	69	87728	66
85337	22	86116	64	87729	66
85338	22	86119	59	87730	66
85350	22	86120	59	87731	66
85351	19	86122	58	87732	66
85354	19	86124	68	87733	67
85355	19	86125	67	87734	67
85359	30	86126	69	87735	66
85362	30	86127	68	87736	66
85363	30	86128	68	87790	59
85364	31	86129	68	87791	59
85392	51	86130	68	87795	60
85393	49	86131	68	87798	70
85394	51	86135	69	87799	70
85450	28	86136	68	87800	70
85454	28	86137	68	87801	67, 70
85455	29	86138	69	87802	70
85459	29	86139	58	87804	70
85465	29	86140	59	87805	67
85470	29	86141	59	87806	70
85500	19	86143	59	87807	70
85651	20	86144	60	87808	67, 70
85652	20	86145	64	87809	70
85653	20	86146	64	87810	70
85654	29	86147	59	87811	67, 70
85655	28	86164	64	87812	67
85657	29	86165	64	87813	67
85658	29	86221	57	87821	63
85659	29	86224	57	87822	63
85662	31	86228	57	87823	63
85663	30	86229	65	87824	63
85664	31	86230	65	87826	63
85667	87	87070	65	87831	63
85668	87	87071	65	87832	63
85669	38	87080	65	87833	63
85670	38	87081	65	87834	63
85674	52	87084	60	87835	63
85675	52	87086	57	93097	38
85676	52	87087	57	99790	95
85677	52	87090	65	99791	95
85678	51	87091	65	99792	95
85679	51	87092	57	99793	95
85681	51	87093	57	99794	95
85684	51	87100	65	99795	96
85685	51	87101	66	99800	96
85686	51	87102	57	99803	96
85687	52	87104	57	99804	96
85688	52	87131	59	99805	96
85801	94	87147	60		





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888

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TIG (A)

MIG (A)

MIG (A)

STICK (MIG START)

TIG (M/A)

MIG (M/A)

MIG (M/A)

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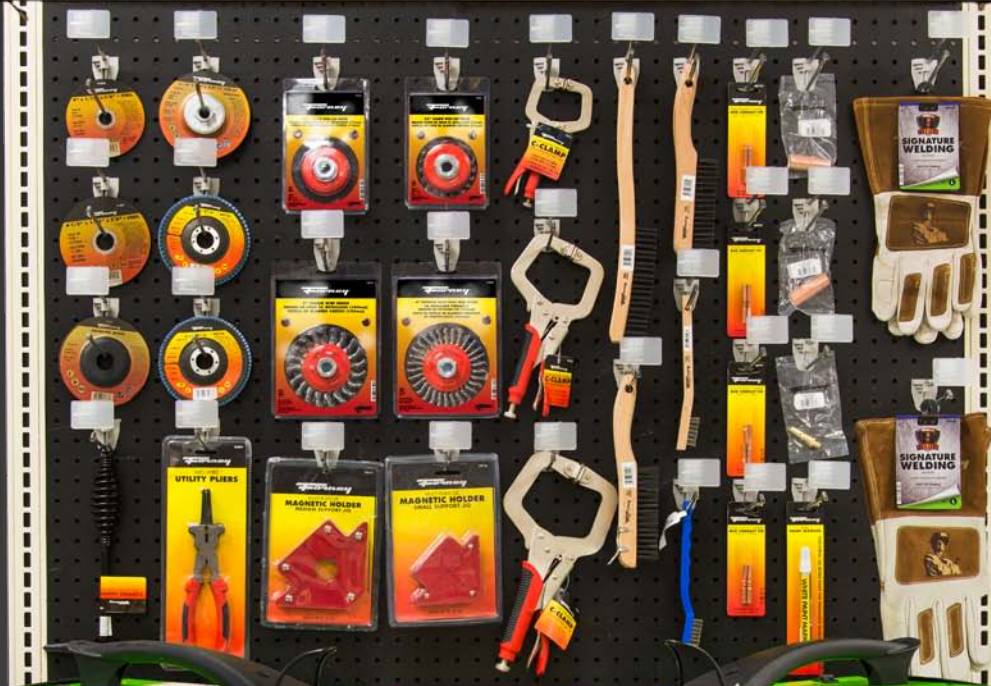
Forney Industries, Fort Collins, CO USA



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<ul style="list-style-type: none"> • Easy to use • Longer continuous welding • Flux core (FCAW) is typically used outside or in less than ideal conditions • Solid core (GMAW) requires the use of shielding gas and cleaner material 	<ul style="list-style-type: none"> • Versatile • Weld a variety of metals without changing spools • Does not require shielding gas • Can be used in less than ideal conditions on dirty metals • Each electrode type has unique operating characteristics 	<ul style="list-style-type: none"> • Precision welding • Highest quality of welds • High skill and dexterity to master • Requires inert shielding gas (Argon/Helium) • Cleanliness of base metal and filler metal are critical 	<ul style="list-style-type: none"> • Cuts any conductive metal • Provides clean accurate cuts • Does not require flammable gas or oxygen • Used mostly for thin material • Less clean up involved • Easily portable 	<ul style="list-style-type: none"> • Cuts most ferrous metals • Can cut thicker materials • Ultimate versatility • Cutting • Joining • Heating • Reshaping of metal 



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