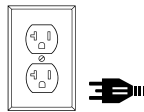


**WELDING**

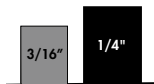
# PLASMA CUTTERS

## Forney EASY WELD® 20 P PLASMA CUTTER

ITEM# 251 



120VAC, 20A outlet, 30A breaker recommended



**Cutting Capacity:**  
3/16" Aluminum  
1/4" Mild Steel



Air Compressor  
Required  
(2.0 CFM)



**Inverter Technology:**  
For smooth power and  
lighter weight

### Process:

- Plasma Cutting
- Comes Complete With:**
- 20 P Plasma Cutter
  - 13' Plasma Torch
  - 8' Ground Cable & Clamp
  - 6' Power Cable
  - 15A – 20A Adapter
  - Spare Consumables

### Consumables:

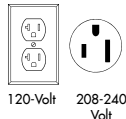
See page 26-27 for a complete list



Input Amperage @60Hz	Cut Capacity	Air Requirements		Dimensions		Weight	Output Range	Duty Cycle
		SCFM	L/Min	Length	Width			
120V @ 20A	1/4" Mild/SS 3/16" Aluminum	2	57	15-1/8"	8-1/8"	21.5 lbs.	10-20A	35% @ 20A
		@ 90 PSI (6.2bar)		Height	12"			

## Forney® 40 P PLASMA CUTTER

ITEM# 440 



**Dual-Voltage:** Operates on  
120V and 240V input power



**Cutting Capacity:**  
3/16" Aluminum  
1/2" Mild and Stainless Steel



**Temperature Controlled Fan:** Helps reduce dust particles from entering machine, cuts down on noise and saves money on energy



Air Compressor Required  
(5.5 CFM)



**Inverter Technology:**  
For smooth power and  
lighter weight

### Process:

- Plasma Cutting
- Comes Complete With:**
- 40 P Plasma Cutter
  - 20' IPT 40 Plasma Torch
  - 15' Ground Cable & Clamp
  - 230V - 120V Adapter
  - 15' Power Cable
  - Spare Consumables
  - Forney Expert-Tech™ Tool

### Consumables:

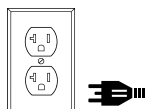
See page 26-27 for a complete list



Input Amperage @60Hz	Cut Capacity	Air Requirements		Dimensions		Weight	Output Range	Duty Cycle
		SCFM	L/Min	Length	Width			
120V @ 18.5A 230V @ 25.5A	1/2" Mild/SS 3/16" Aluminum	5.5	156	17"	7-1/2"	30 lbs.	120V: 15 - 16A 240V: 15 - 40A	120V - 35% @ 20A 240V - 50% @ 40A
		@ 90 PSI (6.2bar)		Height	12-1/2"			

## Forney EASY WELD® 140 FC-i FLUX-CORE WIRE WELDER

ITEM# 261 



120VAC, 20A outlet, 30A breaker recommended



**Inverter Technology:**  
For smooth power and lighter weight

**Infinite Controls:** For fine tuning each and every weld

**Process:**

- Flux-Core (FCAW)

**Comes Complete With:**

- 140 FC-i Welder
- 8' MIG Torch
- 6' Power Cable
- 8' Ground Cable & Clamp
- 15A – 20A Adapter
- Spare Consumables

**Consumables:**

See page 17-20 for a complete list

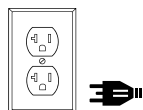


Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 20A	1/4"	Flux-Core: .030"	Length	16-3/4"	19 lbs.	30-140A	30% @ 90A
			Width	8-1/8"			
			Height	12"			

## Forney® WE ARE WELDING™

### 140 MIG WELDER

ITEM# 309 



120VAC, 20A outlet, 30A breaker recommended



**Transformer Welder:**  
Durable and robust, the perfect long-lasting welder choice



**Euro Torch Connection:**  
Allows for quick torch attachment and removal, ensuring a proper torch alignment each and every time the torch is connected

**Processes:**

- MIG (GMAW)
- Flux-Core (FCAW)

**Comes Complete With:**

- 140 MIG Welder
- 10' 150A MIG Torch
- 10' Ground Cable & Clamp
- Regulator w/ Hose
- 15' Power Cable
- Spare Consumables

**Consumables:**

See page 17-20 for a complete list



Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 20A	1/4"	Solid Wire: .023" - .030" Flux-Core: .030"	Length	19"	57 lbs.	30 - 140A	20% @ 115A
			Width	9.5"			
			Height	16-1/2"			

# WELDERS



## 190 MIG WELDER

ITEM# 318



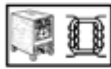
208-240 Volt

Operates on 230V input power



### Euro Torch Connection:

Allows for quick torch attachment and removal, ensuring a proper torch alignment each and every time the torch is connected



### Transformer Welder:

Durable and robust, the perfect long-lasting welder choice

### Processes:

- MIG (GMAW)
- Flux-Core (FCAW)



### Comes Complete With:

- 190 MIG Welder
- 10' 180A MIG Torch
- 15' Power Cable
- 10' Ground Cable & Clamp
- Regulator w/ Hose
- Spare Consumables



### Consumables:

- See page 17-20 for a complete list

Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
230V @ 22.5A	3/8"	Solid Wire: .023" - .030" Flux-Core: .030" - .035"	Length	19"	63 lbs.	35 - 190A	25% @ 120A
			Width	9.5"			
			Height	16-1/2"			



## 210 MIG WELDER

ITEM# 311



208-240 Volt

Operates on 230V input power



### Euro Torch Connection:

Allows for quick torch attachment and removal, ensuring a proper torch alignment each and every time the torch is connected



### Transformer Welder:

Durable and robust, the perfect long-lasting welder choice

### Processes:

- MIG (GMAW)
- Flux-Core (FCAW)



### Comes Complete With:

- 210 MIG Welder
- 12' 200A MIG Torch
- Ground Cable & Clamp
- Regulator w/ Hose
- 15' Power Cable
- Spare Consumables



### Consumables:

- See page 17-20 for a complete list
- Spool gun capable. See page 17-18 for a complete list

\* ITEM# 11342 includes Spool Gun

Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
230V @ 36A	3/8"	Solid Wire: .023" - .035" Flux-Core: .030" - .035"	Length	19"	78 lbs.	30 - 210A	25% @ 130A
			Width	9.5"			
			Height	16-1/2"			



## 242 DUAL MIG WELDER

ITEM# 327 



\* ITEM# 11334 includes Spool Gun



Operates on 230V input power



**Euro Torch Connection:** Allows for quick torch attachment and removal, ensuring a proper torch alignment each and every time the torch is connected



**Transformer Welder:** Durable and robust, the perfect long-lasting welder choice

**Dual Torch Connections:** Switching between the MIG gun and the Spool gun is as easy as flipping a switch

**Spot Timer:** For simple and consistent spot welding. Spot timer makes each spot weld the same consistent size

**2T/4T Trigger:** Locking trigger allows user more 4T comfort during long welds

**Processes:**

- MIG (GMAW)
- Flux-Core (FCAW)

**Comes Complete With:**

- 242 MIG Welder
- 15' 250A MIG Torch
- 15' Power Cable
- 15' Ground Cable & Clamp
- Regulator w/ Hose
- Spare Consumables

**Consumables:**

- See page 17-20 for a complete list
- Spool gun capable. See page 17-18 for a complete list



Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
230V @ 35A	3/8"	Solid Wire: .023" - .035" Flux-Core: .030" - .045	38"	14"	213 lbs.	30 - 240A	60% @ 155A
			34"				



# WELDERS



## 270 MIG WELDER

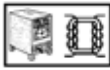
ITEM# 319 



Operates on 230V input power



**Euro Torch Connection:** Allows for quick torch attachment and removal, ensuring a proper torch alignment each and every time the torch is connected



**Transformer Welder:** Durable and robust, the perfect long-lasting welder choice

**Spot Timer:** For simple and consistent spot welding. Spot timer makes each spot weld the same consistent size

**2T/4T Trigger:** Locking trigger allows user more 4T comfort during long welds

### Processes:

- MIG (GMAW)
- Flux-Core (FCAW)

### Comes Complete With:

- 270 MIG Welder
- 15' 250A MIG Torch
- 15' Power Cable
- 15' Ground Cable & Clamp
- Regulator w/ Hose
- Spare Consumables

### Consumables:

- See page 17-20 for a complete list
- Spool gun capable. See page 17-18 for a complete list



Input Amperage @60Hz	Welding Thickness Capacity	Wire Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
230V @ 45A	1/2"	Solid Wire: .023"-.035" Flux-Core: .030"-.045"	38"	14"	240 lbs.	30 - 270A	60% @ 200A
			14"	34"			
			34"				



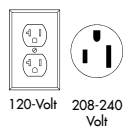


## 220 AC/DC WELDER

ITEM# 420\*, 421\*\*  



\*\* ITEM# 421 includes Amptronic® TIG torch



**Dual-Voltage:** Operates on 120V and 240V input power



**Temperature Controlled Fan:** Helps reduce dust particles from entering machine, cuts down on noise and saves money on energy

**Pulse Welding Capable:** Pulses from .1 to 30 pulses per-second, which helps control penetration - heat/warping

**AC Frequency Control:** Allows you to control your penetration and bead profile while welding aluminum

**AC Balance Control:** Allows you to control the amount of oxide removal required for high quality aluminum welds



**Inverter Technology:** For smooth power and lighter weight

**Processes:**

- Stick (SMAW)
- AC TIG (AC-GTAW)
- DC TIG (DC-GTAW)

**Comes Complete With:**

- 220 AC/DC Welder
- 15' Electrode Holder w/ Cable & Connector
- 15' Ground Clamp w/ Cable & Connector
- 15' Power Cable
- Flow Meter Regulator w/ Hose
- 120V to 240V Adapter
- Spare Consumables
- Forney Expert-Tech™ Tool
- \*ITEM# 420 - Forney® 220 AC/DC includes 7 Pin Foot Pedal & 17F TIG Torch 12.5'
- \*\*ITEM# 421 - Forney® 220 AC/DC includes TIG torch with hand amp control



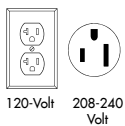
Input Amperage @60Hz	Welding Thickness Capacity	Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 28.6A 240V @ 32A	1/2" Mild / Stainless Steel 1/4" Aluminum	Stick: 1/16" - 5/32" TIG: .040" - 1/8"	23-1/4"	10-3/8"	54 lbs.	5 - 220A	Stick: 120V - 25% @ 80A 240V - 25% @ 170A  TIG: 120V - 25% @ 130A (DC) 120V - 25% @ 120A (AC) 240V - 25% @ 200A
			15-1/2"				





## 220 ST PRO WELDER

ITEM# 430



**Dual-Voltage:** Operates on 120V and 240V input power



**Temperature Controlled Fan:** Helps reduce dust particles from entering machine, cuts down on noise and saves money on energy

**Pulse Welding Capable:** Pulses from .1 to 30 pulses per-second, which helps control penetration - heat/warping

**Arc Force Control:** Helps control the amount of dig or wetting based on the type of electrode you're welding with



**Inverter Technology:** For smooth power and lighter weight

**Processes:**

- Stick (SMAW)
- DC TIG (DC-GTAW)

**Comes Complete With:**

- 220 ST PRO Welder
- 15' Ground Cable & Clamp
- 15' Electrode Holder & Cable
- 15' Power Cable
- Forney Expert-Tech™ Tool

**Consumables:**

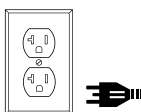
See page 21-25 for a complete list



Input Amperage @60Hz	Welding Thickness Capacity	Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 21.4A 240V @ 28.2A	1/2" Mild / Stainless Steel	Stick: 1/16" - 5/32" TIG: .040" - 1/8"	Length	18"	32 lbs.	5 - 220A	Stick: 120V - 40% @ 85A 240V - 35% @ 200A  TIG: 120V - 40% @ 130A 240V - 35% @ 200A
			Width	7-3/8"			
			Height	12-3/8"			

## EASY WELD® 100 ST WELDER

ITEM# 298



120VAC, 20A outlet, 30A breaker recommended

**Easy Start:** Makes electrode strikes smooth with additional power at start

**DC Stick & TIG Welder:** Great for stick welding and DC scratch start TIG welding of mild and stainless steel



**Inverter Technology:** For smooth power and lighter weight

**Processes:**

- Stick (SMAW)
- DC TIG (DC-GTAW)

**Comes Complete With:**

- 100 ST Welder
- 8' Ground Cable & Clamp
- 8' Electrode Holder & Cable
- 6' Power Cable

**Consumables:**

See page 21-25 for a complete list

**ITEM# 29801 Kit Available:**

- 100 ST Machine
- 3/32" E7014 M.S. Electrodes, 1lb
- Cowhide Leather Driver Gloves
- Black Leather Welding Glove (L)
- Scratch Brush
- 4-1/2" T27 Grinding Wheel
- ADF Welding Helmet

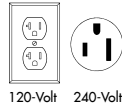


Input Amperage @60Hz	Welding Thickness Capacity	Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 25A	1/4" - 5/16"	Mild / Stainless Steel: 1/8"	Length	12"	9.65 lbs.	10 - 90A	Stick: 30% @ 80A  TIG: 30% @ 85A
			Width	5-1/2"			
			Height	10-1/2"			



## Forney EASY WELD® 180 ST WELDER

ITEM# 291



**Dual-Voltage:** Operates on 120V and 240V input power

**Easy Start:** Makes electrode strikes smooth with additional power at start

**DC Stick & TIG Welder:** Great for stick welding and DC scratch start TIG welding of mild and stainless steel



**Inverter Technology:** For smooth power and lighter weight

**Processes:**

- Stick (SMAW)
- DC TIG (DC-GTAW)

**Comes Complete With:**

- 180 ST Welder
- 8' Ground Cable & Clamp
- 8' Electrode Holder & Cable
- 230V to 120V Adapter
- 6' Power Cable

**Consumables:**

See page 19-23 for a complete list



Input Amperage @60Hz	Welding Thickness Capacity	Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 17A 240V @ 33A	120V: 1/4" 240V: 1/2"	Stick Electrodes & TIG Filler Mild Steel, Stainless Steel, Cast Iron 1/16" - 5/32" 120V: 1/8", 240V: 5/32"	Length	14-1/8"	14 lbs.	10 - 180A	120V - 30% @ 80A 240V - 25% @ 180A
			Width	6-5/16"			
			Height	11"			

## Forney® WE ARE WELDING™ 235 AC/DC WELDER

ITEM# 314



Operates on 230V input power



**Transformer Welder:** Durable and robust, the perfect long-lasting welder choice

**Powerful:** Up to 235 Amps AC and 185 Amps DC

**Infinite Controls:** The hand crank makes adjustments simple

**Processes:**

- Stick (SMAW)
- DC TIG (DC-GTAW)

**Comes Complete With:**

- 235 AC/DC Welder
- 10' Ground Cable & Clamp
- 10' Electrode Holder & Cable
- 15' Power Cable

**Consumables:**

See page 19-23 for a complete list

ITEM# 330 Wheel & Handle Kit Available

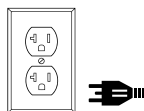


Input Amperage @60Hz	Welding Thickness Capacity	Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
230V @ 48.5A	12ga. - 1/2"	Stick Electrodes Mild Steel, Stainless Steel, Cast Iron 1/16" - 5/32"	Length	16-1/2"	108 lbs.	AC - 40 - 235A DC - 35A - 185A	AC-50% @ 150A DC-35% @ 135A
			Width	12"			
			Height	30-1/2"			

# WELDERS

## Forney EASY WELD® 140 MP WELDER

ITEM# 271 



120VAC, 20A outlet, 30A breaker recommended

**Easy Start:** Makes electrode strikes smooth with additional power at start

**DC Stick & TIG Welder:** Great for stick welding and DC scratch start TIG welding of mild and stainless steel

**MIG Welder:** With the power to weld .030" solid wire or .030" flux-core wire



**Inverter Technology:** For smooth power and lighter weight

### Processes:

- MIG (GMAW)
- Flux-Core (FCAW)
- Stick (SMAW)
- DC TIG (DC-GTAW)

### Comes Complete With:

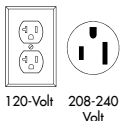
- 140 MP Welder
- 10' 150A MIG Torch
- 10' Ground Cable & Clamp
- 10' Electrode Holder & Cable
- 6' Power Cable



Input Amperage @60Hz	Welding Thickness Capacity	Wire / Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 25A	1/4"	Wire: .023"-.030" Flux-Core: .030" Stick: 1/16" - 1/8"	Length	16-3/4"	20.3 lbs.	30 - 120A	Stick 30% @ 80A
			Width	8-1/8"			TIG 20% @ 110A
			Height	12"			MIG 30% @ 90A

## Forney® 220 MP WELDER

ITEM# 410 



120-Volt 208-240 Volt

**Dual-Voltage:** Operates on 120V and 240V input power



**Temperature Controlled Fan:** Helps reduce dust particles from entering machine, cuts down on noise and saves money on energy

**Easy Start:** Makes electrode strikes smooth with additional power at start

**DC Stick & TIG Welder:** Great for stick welding and DC scratch start TIG welding of mild and stainless steel

**MIG Welder:** With the power to weld .023" to .035" solid wire or .030" to .035" flux-core wire



**Inverter Technology:** For smooth power and lighter weight

### Processes:

- MIG (GMAW)
- Flux-Core (FCAW)
- Stick (SMAW)
- DC TIG (DC-GTAW)

### Comes Complete With:

- 220 MP Welder
- 12' 200A Pro-Grip MIG Gun
- 15' Ground Cable & Clamp
- 15' Electrode Holder & Cable
- Flow Meter Regulator w/Hose
- 240V to 120V Adapter
- 15' Power Cable
- Forney Expert-Tech™ Tool



Input Amperage @60Hz	Welding Thickness Capacity	Wire / Electrode Diameter and Types	Dimensions		Weight	Output Range	Duty Cycle
			Length	Width			
120V @ 25.4A 240V @ 3A	Wire: 3/8" Stick: 1/2" TIG: 3/16"	Solid Wire: .023" - .035" (0.6mm-0.9mm) Flux-Core: .030" - .035" (0.8mm-0.9mm) Stick: 1/16" - 5/32" (1.6mm -4.0mm)	Length	23-1/2"	51 lbs.	10 - 220A	Stick: 120V - 32% @ 80A 240V - 40% @ 200A
			Width	11"			TIG: 120V - 35% @ 110A 240V - 40% @ 200A
			Height	15-1/2"			MIG: 120V - 35% @ 90A 240V - 40% @ 200A

# WELDING ACCESSORIES

## MIG GUNS



Pro-Grip MIG Torch

ITEM#	Amperage	Duty Cycle	Length	Consumables	Suitable For
78010	150A	60% @ 125A	10'	11 Series	140 MP-EW
84094	180A	60% @ 125A	10'	11 Series	140 MIG, 190 MIG, 140 MP, 190 MP
84095	250A	60% @ 200A	12'	14 Series	220 MP, 210 MIG
84096	250A	60% @ 200A	15'	14 Series	242 Dual MIG, 270 MIG
84097	350A	60% @ 300A	15'	Euro-connect	242 Dual-MIG, 270 MIG

## SPOOL GUN FOR FORNEY® MULTI-PROCESS WELDERS

ITEM# 85653



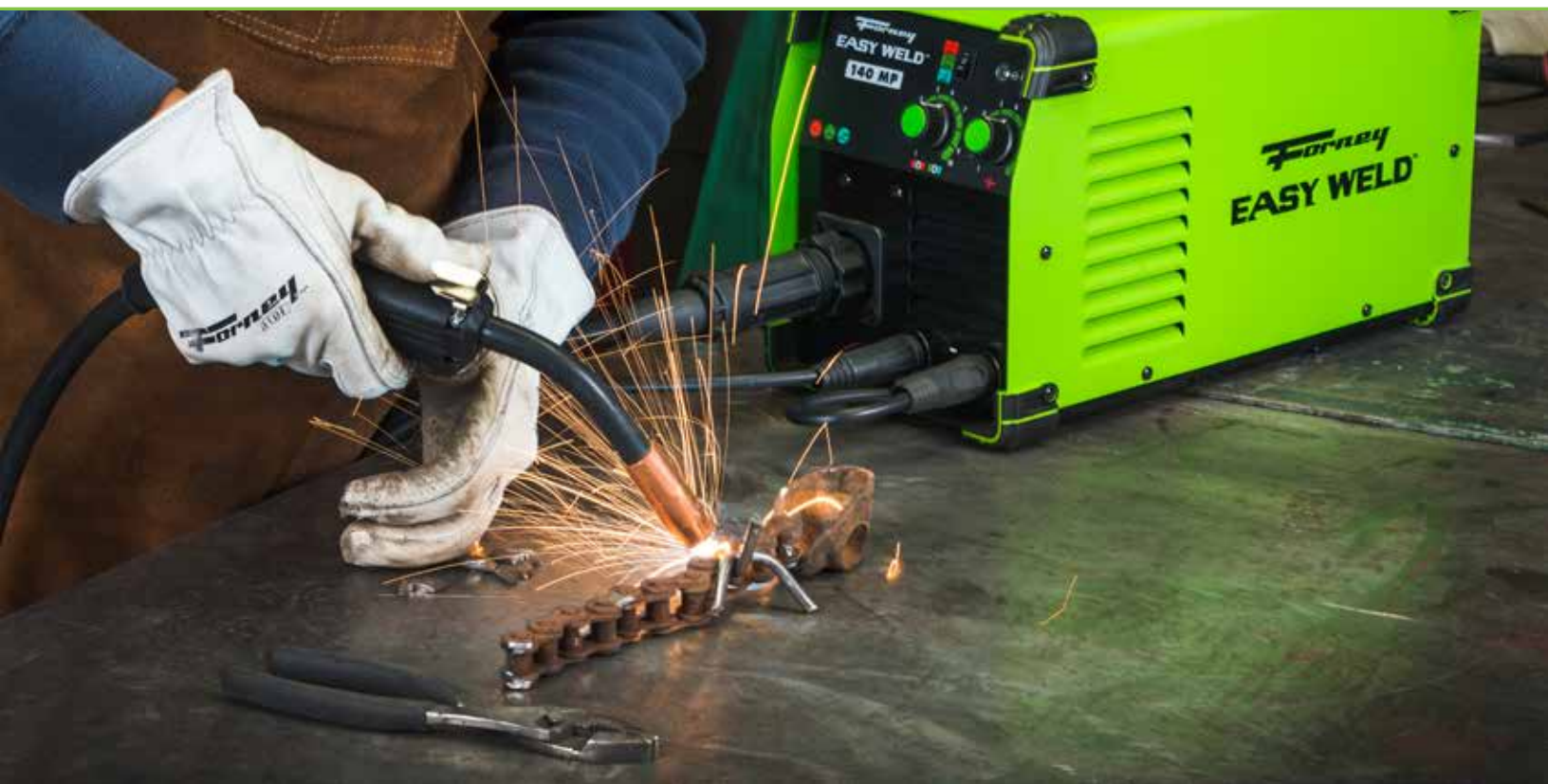
- TWECO® 1 compatible with 20' cable and Euro-connect
- Fits Forney® ITEM# 322, ITEM# 311, ITEM# 410 & ITEM# 324 (140 MP, 210 MIG, 220 MP & 190 MP)

## SPOOL GUN FOR FORNEY® 210 MIG WELDER

ITEM# 85652



- TWECO® 1 compatible with 20' cable and quick-connect
- Fits Forney® ITEM# 311 (older style 210 MIG)



# WELDING ACCESSORIES

## SPOOL GUN FOR FORNEY® 270 MIG WELDER

ITEM# 85651

- TWECO® 1 compatible with wire feed adjust handle and 20' cable with Euro-connect
- Fits Forney® ITEM# 319 (270 MIG). This can also be used on ITEM# 327 (242 Dual-MIG)



## LINERS

Liners			
ITEM#	Name	Length	Description
85317	Steel Liner	7'	This steel liner is 7' long. Forney® & Clarke® style steel liner. Used with flux-cored wire.
85353	Universal Steel Liner for MIG Torch	6-3/8"	This universal steel liner for MIG torches is 6-3/8" long.
85354	Teflon® Torch Liner	10'	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.
85355	Stainless Steel Torch Liner	8.2'	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.

## MILLER® HOBART® CONSUMABLES

### Miller® Hobart® Style MIG Contact Tips

ITEM#	OEM ITEM#	Description	Size	Carded	1 (Pk) Bulk
60164	087299	087299 Miller® Hobart® style contact tip	.023"	3 Pack	85365
60165	000067	000067 Miller® Hobart® style contact tip	.030"	3 Pack	85366
60166	000068	000068 Miller® Hobart® style contact tip	.035"	3 Pack	85367
60167	000069	000069 Miller® Hobart® style contact tip	.045"	3 Pack	85368

### Miller® Hobart® Style Nozzles

ITEM#	OEM ITEM#	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® CONSUMABLES

### TWECO® Style 11 Series Contact Tips

Industry Ref	Diameter	4 (Pk)	1 (Pk)
11-23	.023"	60170	85346
11-30	.030"	60171	85347
11-35	.035"	60172	85348
11-45	.045"	60173	85349
150/180A	Package Type	Blister Card	
	Suitable For Forney 140-FC-i-EW, 140 MP-EW, 140 MIG, 190 MIG, 190 MP, 140 MP		

### TWECO® Style 14 Series Contact Tips

Industry Ref	Diameter	4 Pk
14-23	.023"	60174
14-30	.030"	60179
14-35	.035"	60175
14-45	.045"	60168
14-52	.052"	100302 (25-pk)
14-116	1/16"	100303 (25-pk)
200/250A	Package Type	Blister Card
	Suitable for Forney 220 MP, 210 MIG, 242 Dual MIG, 270 MIG & Spool PRO® Hornet SG 250®	

### TWECO® Style Gas Diffuser

ITEM#	OEM ITEM#	Description	Unit
85339	35-50	Forney®/TWECO® style gas diffuser	Single
85341	52	Forney® TWECO® style gas diffuser	Single
85376	-	Forney® TWECO® style 6-3/4" x 5/16" torch neck with diffuser M10 x 1.5 thread	Single

### TWECO® Style Nozzles

Suitable For	Industry Ref	Orifice Size	1 (Pk)
	21-37	3/8"	85316
	21-62-FAS	5/8"	85338
140 MIG, 190 MIG, 140 MP, 190 MP	21-50	1/2"	85336
140 MIG, 190 MIG, 140 MP, 190 MP	21-62	5/8"	85337
220 MP, 210 MIG, 242 Dual MIG, 270 MIG	22-37-SS	3/8"	100372 (5-pk)
220 MP, 210 MIG, 242 Dual MIG, 270 MIG	22-50	1/2"	85334
220 MP, 210 MIG, 242 Dual MIG, 270 MIG	22-62	5/8"	85335
220 MP, 210 MIG, 242 Dual MIG, 270 MIG**	23-50	1/2"	120024 (2-pk)
220 MP, 210 MIG, 242 Dual MIG, 270 MIG**	23-62	5/8"	120026 (2-pk)
Package Type			Blister Card

\*\* To be used with 52FN Diffuser

# WELDING ACCESSORIES

## BINZEL® CONSUMABLES

### Binzel® Style Nozzles

ITEM#	OEM ITEM#	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
85351	002.0058	002.0058 Binzel® style nozzle retainer	-	Single

## MIG CONTACT TIPS

### MIG Contact Tips - Fits Forney & Old Style Clarke® MIG Guns

ITEM#	Description	Size	Carded	1 (Pk)
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	85370
60178	MIG contact tip .030" x 5/8"	.030" x 5/8"	4 Pack	85371

### MIG Consumables Replacement Kit

ITEM#	Description	Unit
85325	37-piece MIG replacement parts kit	Single

## UNIVERSAL GAS DIFFUSERS

### Universal Gas Diffuser & Adapters

ITEM#	Description	Unit
85340	Gas diffuser for Forney® ITEM# 215 & 219	Single
85342	Gas diffuser for Forney Easy Weld® ITEM# 261 & 299	Single
85359	4mm gas diffuser-to-regulator adapter with 9/16W-18 thread for Forney® ITEM# 306 & 308	Single
85385	230V-to-120V adapter for Forney® welders	Single



## 9FV COMPATIBLE TIG TORCH FOR FORNEY EASY WELD® 298

ITEM# 85657



Air-cooled, single piece flex-head TIG torch with valve on handle. 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
- 36" gas hose

## 17FV COMPATIBLE TIG TORCH FOR FORNEY® 325 & 326 WELDERS

ITEM# 85659



Air-cooled, single piece flex-head TIG torch with valve on handle. 150 Amp capacity. Electrode range: .020 - 3/32". 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
- 36" gas hose

## 17FV COMPATIBLE TIG TORCH FOR FORNEY® MP MACHINES

ITEM# 85654



Air-cooled, single piece flex-head TIG torch with valve on handle. 150 Amp capacity. Electrode range: .020 - 3/32". 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
- 36" gas hose

# WELDING ACCESSORIES

## 17F COMPATIBLE TIG TORCH FOR FORNEY® 325 & 326 WELDERS

ITEM# 85658



Air-cooled, single piece flex-head TIG torch with 25 dinse adapter. 150 Amp capacity. Electrode range: .020-3/32". 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
- 36" gas hose

## PRO-GRIP 17F COMPATIBLE AMPTROL™ TIG TORCH KIT

ITEM# 85660



Forney® PRO-Grip 17F compatible Amptrol™ TIG Torch, 12.5' with spare replacement parts. (For use with 17,18, & 26 series torches). 50 dinse connector with 25 dinse adapter.

**Includes:**

- 1 short back cap
- 3- Collets (1/16", 3/32" & 1/8")
- 3- Collet bodies (1/16", 3/32" & 1/8")
- 3- Alumina nozzles (#7, #8, #10)
- 3- Tungsten electrode cerated tungsten (1/16", 3/32" & 1/8" X 7")

### TIG Torches

ITEM#	85660	85657	85658	85659
Duty Cycle	60% @ 115A AC	60% @ 100A	60% @ 115A	60% @ 110A
Series	17 Series	9 Series	17 Series	17 Series
Cable Length	12-1/2"	12-1/2"	12-1/2"	12-1/2"
Neck Type	Flexible	Flexible with Valve	Flexible	Flexible with Valve
Tungsten Size	.040" (0,5mm) - 3/32" (2,5mm)	.040" - 3/32"	.040" - 1/8"	.040" - 1/8"
Amperage DC	150A	150A	150A	150A
Cable Type	1 Piece	1 Piece	1 Piece	1 Piece
Potentiometer	1,000 OHM	-	-	-
Switch Type	Latching	-	-	-
Power Connection	50mm Dinse	50mm Dinse <i>*Includes 50mm - 25mm Dinse adapter</i>	50mm Dinse	50mm Dinse <i>*Includes 50mm - 25mm Dinse adapter</i>
Suitable For	220 MP, ITEM# 420, 421 220 AC/DC & 220 ST PRO	100 ST & 180 ST	ITEM# 420, 421 220 AC/DC, 220 ST PRO, 190 MP & 220 MP	180 ST, 190 MP & 140 MP



# WELDING ACCESSORIES

## 14-PIN AMPHENOL AC/DC TIG FOOT PEDAL

ITEM# 85671



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

## 7-PIN TIG FOOT PEDAL FOR FORNEY® TIG & MULTI-PROCESS WELDERS

ITEM# 85655



- Remote amperage control of TIG & MP welders
- 7-pin Amphenol connection
- 25' cable length
- Suitable for Forney® 190 MP, 220 MP, 220 AC/DC (ITEM#'s 420 & 421), and 220 ST PRO

## 7-PIN TIG FOOT PEDAL WITH 25' CABLE

ITEM# 85610

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

## #6 (3/8") ALUMINA NOZZLE CUP (ION48 COMPATIBLE)

ITEM# 85454



- Replacement alumina nozzle cup for 17, 18 & 26 series TIG torches

## 1/16" X 7" EWTh-2 THORIAZOD TUNGSTEN ELECTRODES

ITEM# 85450



- Offers stability at medium currents and is suitable for use with DC TIG processes or AC processes with inverter based power suppliers
- 2-pack



# WELDING ACCESSORIES

## PT40 PLASMA CUTTER TORCH

ITEM# 85688



- Plasma Torch PT40 - 15'
- Manufactured exclusively for Forney® ITEM# 302 & 317

## PT40 PLASMA CUTTER TORCH WITH EASY FIT™ CONNECTION

ITEM# 85687



- Plasma Cutting Torch - 15'
- Manufactured exclusively for Forney® ITEM# 303, 700 P Plasma Cutter

## PLASMA CUTTER ELECTRODES & 0.65MM DRAG TIPS (4-PK)

ITEM# 85392



- Plasma cutting electrode and 0.65mm drag tips, 20A (4-pack) for Forney® ITEM#'s 251, 302, 303, 317 & 440

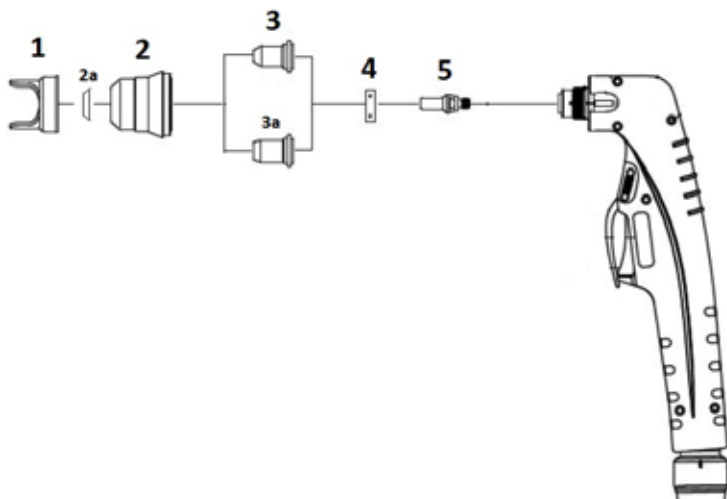
## PLASMA CUTTER CIRCLE CUT GUIDE

ITEM# 85683



- Plasma cutter circle cut guide for Forney® ITEM#'s 302, 303 & 307





## PLASMA TORCHES & CONSUMABLES

### Plasma Consumables

Drawing #	Description	ITEM#		Suitable For
		Blister Card	Pkg Qty	
1	Stand Off Guide	85682	1	250 P, 325 P, 20 P, 40 P
2	Shield Cup - 2 Hole, 20A	85394	1	250 P, 20 P
	Shield Cup - 6 Hole, 20-40A	85681	1	325 P, 700 P, 40 P
	Shield Cup - Max Performance, 40A	85685	1	700 P, 40 P
2a	Shield Cap - Max Performance, 40A	85686	1	700 P, 40 P
3	Drag Tip, 20 Amp, 0.65mm	85414	2	250 P, 325 P, 20 P, 700 P, 40 P
	Drag Tip, 20 - 30 Amp, 0.8mm	85678	2	700 P, 40 P, 325 P
	Drag Tip, 30 - 40 Amp, 0.9mm	85679	2	700 P, 40 P
3a	Stand Off Tip, 30 - 40 Amp, 0.9mm	85684	2	700 P, 40 P
4	Swirl Ring	85393	1	250 P, 325 P, 20 P, 700 P, 40 P
5	Electrode, 0.65mm	85755	2	250 P, 325 P, 20 P, 700 P, 40 P

## 13-PIECE PLASMA CUTTING CONSUMABLE KIT

ITEM# 85674

- Consumable kit for Forney® ITEM# 317 Plasma Cutter with built-in air compressor
- Kit contents: 10 cutting tips, 3 electrodes
- Comes in a sturdy plastic box for easy storage and organization



# WELDING ACCESSORIES

## 13-PIECE PLASMA CUTTING CONSUMABLE KIT

ITEM# 85675



- Consumable kit for Forney® 325 P Plasma Cutter, ITEM# 302
- Kit contents: 10 cutting tips, 3 electrodes
- Comes in a sturdy plastic box for easy storage and organization

## 13-PIECE PLASMA CUTTING CONSUMABLE KIT

ITEM# 85676



- Maximum versatility, 700 P Plasma Cutter, ITEM# 303.
- Kit contents: 10 cutting tips (6 of 0.9mm, 2 of 0.8mm, 2 of 0.65mm), 3 electrodes
- Comes in a sturdy plastic box for easy storage and organization

## 15-PIECE PLASMA CUTTING CONSUMABLE KIT

ITEM# 85677



- Maximum performance consumable Kit for Forney®, 700 P Plasma Cutter, ITEM# 303
- Kit contents: 2 caps, 10 cutting tips, 3 electrodes
- Comes in a sturdy plastic box for easy storage and organization

## DELUXE ROD STORAGE CONTAINER (RED)

ITEM# 93097



- Storage container is made of high impact polypropylene plastic
- 14-3/8" 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.

## PLASTIC BAGS FOR ELECTRODES

ITEM# 93115

- .5 ml plastic bags for individual welding electrodes



## 400A HEAVY-DUTY ELECTRODE HOLDER, BERNARD® 40B SHORT STUB™ COMPATIBLE

ITEM# 56205



- This electrode holder is a screw-type, 400A, heavy-duty 8.5" (215.9mm) long electrode holder
- Accepts up to #2/0 welding cable and up to 1/4" electrodes
- 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

## 200A ELECTRODE HOLDER, Lenco® AF-2 COMPATIBLE

ITEM# 56000



- This electrode holder is 200A, 8.5" long brass body with fiberglass cover and trigger
- Accepts up to #1/0 welding cable and 5/32" 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

## 300A ELECTRODE HOLDER, Lenco® AF-25 COMPATIBLE

ITEM# 56200



- This electrode holder is 300A, 8.5" long brass body with fiberglass cover and trigger
- Accepts up to #2/0 welding cable and 3/16" 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

## 150A Lenco® STYLE ELECTRODE HOLDER WITH 15 FT. CABLE

ITEM# 85669



- 150 Amp, electrode holder with 15' cable.
- Size 25 dinse connector
- For use on 200 Amp or lower machines with 25 dinse connections
- For Forney® ITEM#'s 298, 314, 322 & 324

## 250A Lenco® STYLE ELECTRODE HOLDER WITH 15 FT. CABLE

ITEM# 85670

- 250 Amp, electrode holder with 15' cable
- Size 50 dinse connector
- For use on 200 Amp or higher machines with 50 dinse connections
- For Forney® ITEM#'s 325 & 326



# WELDING ACCESSORIES

## 300A STEEL Lenco® EG-300 COMPATIBLE GROUND CLAMP

ITEM# 54410



- 8" long with 2" 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

## 500A STEEL Lenco® EG-500 COMPATIBLE GROUND CLAMP

ITEM# 54510



- 9-1/2" long with 2" 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.

## 200A Lenco® MODEL 200 COMPATIBLE COPPER ALLOY GROUND CLAMP

ITEM# 54300



- 5" long with 1" jaw opening
- Accepts up to #2/0 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

## 300A Lenco® MODEL 300 COMPATIBLE COPPER ALLOY GROUND CLAMP

ITEM# 54400



- 7-3/8" long with 1-1/2" jaw opening
- Accepts up to #2/0 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

## 500A Lenco® MODEL 500 COMPATIBLE COPPER ALLOY GROUND CLAMP

ITEM# 54405

- 8" long with 1-1/2" jaw opening
- Accepts up to #4/0 welding cable
- Rugged, versatile, wide jaw ground clamp
- Good for most grounding situations
- Large contact surface area provides good cable connections and positive grounding



# WELDING ACCESSORIES

## 150A GROUND CLAMP WITH 15' CABLE

ITEM# 85667



- 15' ground cable with 150A clamp
- Size 25 Dinse connector
- For use on 200 Amp or less machines with 25 Dinse connections
- For Forney Easy Weld® 298 & 299 and Forney® ITEM#'s 303, 309, 314, 322 & 324

## 250A GROUND CLAMP WITH 15' CABLE

ITEM# 85668



- 15' Ground Cable with 250A Clamp
- Size 50 Dinse connector
- For use on 200 Amp or higher machines with 50 Dinse connections
- For Forney® ITEM#'s 319, 325, 326 & 327

## #4-#1 WELDING CABLE CAMLOCK-TYPE HEAVY-DUTY CONNECTOR

ITEM# 57710



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

## #1/0-#3/0 WELDING CABLE CAMLOCK-TYPE HEAVY-DUTY CONNECTOR

ITEM# 57715



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



# WELDING ACCESSORIES

**SURE GRIP PLUGS:** For assembling, extending, repairing or replacing welding cables #6 to #2. Use on C, CB, FS and F-Series Forney® and Miller® welders and Forney® ITEM# 52841 Bumper Plate Kit.

## 3/8" MALE SURE-GRIP PLUG (BLACK)

ITEM# 57901



- 3/8" Male Sure-Grip Plugs
- For use on Forney® welders, Forney® ITEM# 52841, Bumper Jumper, Forney® ITEM# 57701, 3/8" Female Sure-Grip Plug or, with 57510, Black Female ARC Welder Output Jack

## 3/8" MALE SURE-GRIP PLUG (RED)

ITEM# 57902



- 3/8" Male Sure-Grip Plugs
- For use on Forney® welders, Forney® ITEM# 52841, Bumper Jumper, Forney® 57701, 3/8" Female Sure-Grip Plug
- Can also be used for Forney ITEM# 57511, Red Female ARC Welder Output Jack

## 5/16" MALE SURE-GRIP PLUG (BLACK)

ITEM# 57903



- 5/16" Male Sure-Grip Plugs
- For use on Forney®'s Spitfire® and Miller® welders and/or in conjunction with Forney® ITEM# 57702, 5/16" Female Sure-Grip Plug

## 5/16" MALE SURE-GRIP PLUG (RED)

ITEM# 57904



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

## 3/8" FEMALE SURE-GRIP PLUG (BLACK)

ITEM# 57701



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

## 5/16" FEMALE SURE-GRIP PLUG (BLACK)

ITEM# 57702



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



## #6-#2 WELDING CABLE SPLICER

ITEM# 57705

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



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

ITEM# 57510



- For ARC welders
- Fits #4-#1/0 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® ITEM#'s 52841, Bumper Jumper
- Or, use ITEM#'s 57510 with 57901, 3/8" Black Male Sure-Grip Plug, and 57511 with 57902, 3/8" Red Male Sure-Grip Plug

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

ITEM# 57511



- For ARC welders
- Fits #4-#1/0 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® ITEM#'s 52841, Bumper Jumper
- Or, use ITEM#'s 57510 with 57901, 3/8" Black Male Sure-Grip Plug, and 57511 with 57902, 3/8" Red Male Sure-Grip Plug

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

ITEM# 85362



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

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

ITEM# 86224



- Twenty (20) cubic feet (CF), "R" size oxygen cylinder
- Shipped empty
- For use with Forney® ITEM# 1753, Tote-A-Torch torch kit, or similar portable/light demand torch kits

# WELDING ACCESSORIES

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

ITEM# 86228

- Ten (10) cubic feet (CF), "MC" size acetylene cylinder
- Shipped empty
- For use with Forney® ITEM# 1753, Tote-A-Torch torch kit, or similar portable/light demand torch kits



## WELDER START UP KIT

ITEM# 377

Contains all the basic welding accessories you need to get started:

- Bandit® flip front welding helmet with fully adjustable ratcheting headgear (Forney® ITEM# 55666)
- Leather welding gloves (Forney® ITEM# 55200)
- Chipping hammer with anti-shock handle (Forney® ITEM# 70600)
- Carbon steel scratch brush (Forney® ITEM# 70505)



*\*Comes with ITEM# 75203 Haynes Welding Manual*

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

ITEM# 57602



- Pin-type electrical plug, 30/50A, 250V. Used to provide power to welders, stoves, ranges and dryers
- Heavy-duty vinyl pin-type design electrical plug with two brass blades and half pin
- Has extra blade to convert to 30 Amp plug.
- NEMA 6-30, 6-50

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

ITEM# 57601



- Crowfoot electrical plug, 30/50A, 125/250V
- Used to provide power to welders, stoves, ranges and dryers
- Heavy-duty vinyl crowfoot-design electrical plug with three heavy-duty brass blades
- Has an extra blade to convert to 30A plug
- NEMA 10-50, 10-30

# WELDING ACCESSORIES

## PIN-TYPE WALL ELECTRICAL RECEPTACLE, 50A, 125/250V

ITEM# 58402



- Crowfoot portable electrical receptacle
- Used to provide power to welders, stoves, ranges and dryers
- Hardened bakelite crowfoot-design portable electrical receptacle with heavy rubber insulator
- NEMA 10-50

## CROWFOOT STYLE WALL ELECTRICAL RECEPTACLE 50A, 125/250V

ITEM# 58499



- Crowfoot wall electrical receptacle
- Used to provide power to welders, stoves, ranges and dryers
- Heavy-duty bakelite crowfoot-design electrical receptacle with 2-pole/3-wire grounding for surface mounting
- NEMA 10-50

## PREMIUM WELDING CABLE

- Highly flexible Class K 30 gauge copper with BDPM jacket and paper separator
- Rated for 600V and -58°F (-50°C) to 221°F (105°C)
- Resists abrasion, cuts, tears, flames, grease, oil and water
- RoH's compliant Meets SAE J1127.VW-1 flame test per UL2556
- Suitable for battery cable per UL 558 and UL583

## #6 GAUGE WELDING CABLE, 260 STRANDS



ITEM#	Lbs.	Size
52099	109 lbs	250' Reel
52100	109 lbs	500' Reel



# WELDING ACCESSORIES

## #4 GAUGE WELDING CABLE, 364 STRANDS



ITEM#	Lbs	Size
52004	145 lbs	500' Reel
52019	145 lbs	50' Box
52020	145 lbs	125' Reel
52021	145 lbs	250' Reel

## #2 GAUGE WELDING CABLE, 624 STRANDS



ITEM#	Lbs	Size
52023	235 lbs	50' Box
52024	235 lbs	125' Reel
52025	235 lbs	250' Reel
52026	235 lbs	500' Reel (Special Order)

## #1 GAUGE WELDING CABLE, 767 STRANDS



ITEM#	Lbs	Size
52001	301 lbs	50' Increments
52018	301 lbs	150' Reel

## #1/0 GAUGE WELDING CABLE, 975 STRANDS



ITEM#	Lbs	Size
52102	372 lbs	50' Reel
52103	372 lbs	100' Reel
52104	372 lbs	150' Reel
52105	372 lbs	250' Reel







## 10/3 GAUGE PREMIUM 500W CABLE, 104/30 STRANDING








ITEM#	Lbs	Size
52109	281 lbs	25'
52112	281 lbs	150'

- Premium 500W cable, flexible 30 gauge copper per UL62 with EPR confound UL62 insulation
- Rated -58°F (-50°C) to 194°F (90°C)
- Resists solvents, cut, ozone, sunlight, grease, oil and water
- Flame test meets VW-1, F12 and MSHA. UL listed

## HEAVY-DUTY LOCKING C-CLAMPS

C-Clamps					
ITEM#	Size	Maximum Opening	Description	Warning	Image
70201	10-1/2"	3-3/4"	Locking pliers-type C-clamp. 10-1/2" long with 3-3/4". Extra clamping capacity for large objects	<b>NOT TO BE USED FOR SCAFFOLDING OR OVERHEAD LIFTING</b>	
70202	10-1/2"	3-3/4"	Locking pliers-type C-clamp <b>with jaw paws</b> . 10-1/2" long with 3-3/4". Extra clamping capacity for large objects. Improved clamping with the movable "jaw paw" pads		
70215	6"	2"	Professional C-clamp with black and red cushion grip handles		
70216	9"	3"	Professional C-clamp with black and red cushion grip handles		
70217	11"	3-3/4"	Professional C-clamp with black and red cushion grip handles		
70301	8-3/8"	2"	Locking pliers-style plated steel welding clamps. 8-3/8" long with 2". Jaw opening & 3" 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		

## C-CLAMPS

C-Clamps			
ITEM#	Size	Description	Image
70225	2"	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	
70226	3"		
70227	4"		
70228	5"		
70229	6"		



# WELDING ACCESSORIES

## STRAIGHT HEAD CHIPPING HAMMER, 10-1/2"

ITEM# 70600



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

## CROSS-PEEN CHIPPING HAMMER, 10-1/2"

ITEM# 70601



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

## CHIPPING HAMMER WITH WIRE BRUSH, 12"

ITEM# 70500



- Chipping hammer with wire brush tempered steel chisel to resist dulling during heavy-duty all-purpose usage
- Impact resistant handle
- Removable and replaceable brush (Forney® ITEM# 70501) for cleaning
- 12" overall length (OAL)

## WOOD HANDLE CARBON STEEL WIRE BRUSH

ITEM# 70501



- Replacement carbon steel wire brush for Forney® ITEM# 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" block x .014" carbon steel wire in 3 x 15 rows

## STRAIGHT HEAD CHIPPING HAMMER 10-1/2"

ITEM# 70610

- 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" overall length (OAL)



## 7-IN-1 MIG ALL-PURPOSE PLIERS

ITEM# 85801

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
- (7) Heavy insulated comfort grip



## PREMIUM NOZZLE GEL 16 OZ.

ITEM# 37031



- Gel 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
- Will not cause porosity

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

ITEM# 37030



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

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

ITEM# 37027



- 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

## COLD GALVANIZING COMPOUND, 13 OZ.

ITEM# 37028



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



## E6011 Mild Steel "Supersixty" Electrodes

ITEM#	Description	Diameter	Weight	Amperages
31101	<ul style="list-style-type: none"> <li>Forney® E6011 is a cellulosic electrode for high penetration welding of carbon steels</li> </ul>	3/32"	1 lbs.	25-75
31105		3/32"	5 lbs.	25-75
31201	<ul style="list-style-type: none"> <li>This electrode displays a stable arc with rapid puddle solidification, which facilitates operation in the overhead and upward vertical positions</li> </ul>	1/8"	1 lbs.	35-125
31205		1/8"	5 lbs.	35-125
31210	<ul style="list-style-type: none"> <li>The Forney E6011 can be run at relatively low amperage and maintains good mechanical properties at subzero temperatures</li> </ul>	1/8"	10 lbs.	35-125
31305		5/32"	5 lbs.	50-160
31310		5/32"	10 lbs.	50-160
42452		5/64"	1 lbs.	25-75
42447		1/8"	40 lbs.	35-125
42451	5/32"	40 lbs.	50-160	

### SPECIFICATIONS:

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



## E6013 Mild Steel "General Purpose" Electrodes

ITEM#	Description	Diameter	Weight	Amperages
30301		3/32"	1 lbs.	50-70
30305		3/32"	5 lbs.	50-70
30401	<ul style="list-style-type: none"> <li>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</li> </ul>	1/8"	1 lbs.	70-110
30405		1/8"	5 lbs.	70-110
30410	<ul style="list-style-type: none"> <li>The Forney E6013 has excellent arc initiation, soft and stable arc characteristics, low spatter, and easy slag removal</li> </ul>	1/8"	10 lbs.	70-110
30505		5/32"	5 lbs.	115-140
30510		5/32"	10 lbs.	115-140
40102	<b>SPECIFICATIONS:</b> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 62,000</li> <li>Elongation % : 17</li> <li>All positions</li> <li>Polarity: DCEP, DCEN, AC</li> </ul>	1/16"	1 lbs.	50-70
40202		5/64"	1 lbs.	50-70
42453		1/8"	40 lbs.	70-110
42455		5/32"	40 lbs.	115-140



## E7014 Mild Steel "Super Contact" Electrodes

ITEM#	Description	Diameter	Weight	Amperages
32001	<ul style="list-style-type: none"> <li>Forney® E7014 is suitable for welding carbon and low-alloy steels</li> </ul>	3/32"	1 lbs.	70-90
32005		3/32"	5 lbs.	70-90
32101	<ul style="list-style-type: none"> <li>This is a general purpose, high-deposition electrode; it operates at higher amperage than other general purpose electrodes such as E6013</li> </ul>	1/8"	1 lbs.	110-140
32105		1/8"	5 lbs.	110-140
32110	<ul style="list-style-type: none"> <li>This electrode is also suitable for thinner materials where minimal penetration is sufficient</li> <li>The Forney E7014 produces a smooth and finely rippled bead pattern and easy slag release</li> </ul>	1/8"	10 lbs.	110-140
32205		5/32"	5 lbs.	140-190
32210		5/32"	10 lbs.	140-190
42459	<b>SPECIFICATIONS:</b> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 71,000</li> <li>Elongation % : 17</li> <li>All positions</li> <li>Polarity: DCEP, AC</li> </ul>	5/64"	1 lbs.	70-90





## E7018 & E7018-1 H4R Mild Steel Low-Hydrogen Electrodes

ITEM#	Description	Diameter	Weight	Amperages	
30701	<ul style="list-style-type: none"> <li>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</li> </ul>	3/32"	1 lbs.	65-100	
30705		3/32"	5 lbs.	65-100	
30801		1/8"	1 lbs.	100-140	
30805		1/8"	5 lbs.	100-140	
30810		<ul style="list-style-type: none"> <li>This electrode displays a stable arc, smooth and finely rippled bead pattern, and easy slag removal</li> </ul>	1/8"	10 lbs.	100-140
42463			1/8"	40 lbs.	100-140
30910	<p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 74,000</li> <li>Elongation %: 22</li> <li>All positions, except vertical down</li> <li>Polarity: DCEP, DCEN</li> </ul>	5/32"	10 lbs.	140-190	
30905		5/32"	40 lbs.	140-190	
42466		5/32"	40 lbs.	140-190	
30670		<ul style="list-style-type: none"> <li>Forney® E7018-1 H4R</li> </ul>	3/32"	10 lbs.	80
30671	<ul style="list-style-type: none"> <li>A low hydrogen electrode recommended for joining and repairing boiler plate, pipe steels, ship building steels and cast steels</li> <li>Excellent for weathering steels such as "Corten"</li> </ul>	1/8"	10 lbs.	115	
30672		<ul style="list-style-type: none"> <li>This electrode has an extremely smooth spatter and turbulence free arc transfer</li> <li>Non-conductive coating and good AC characteristics, and has easy re-strike</li> </ul>	5/32"	10 lbs.	175



## E7018 AC Mild Steel Low-Hydrogen Electrodes

ITEM#	Description	Diameter	Weight	Amperages
30680	<ul style="list-style-type: none"> <li>Forney® E7018 AC mild steel welding rods easily produce quality results on smaller amperage AC/DC welders</li> </ul>	3/32"	1 lbs.	65-100
30681		3/32"	5 lbs.	65-100
30684	<ul style="list-style-type: none"> <li>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</li> </ul>	1/8"	1 lbs.	100-140
30685		1/8"	5 lbs.	100-140
30686		1/8"	10 lbs.	100-140
42460	<ul style="list-style-type: none"> <li>The low-hydrogen content reduces cracking and peeling of the weld material</li> <li>Features excellent restart capability</li> <li>Designed for welding low, medium and high carbon steels as well as some higher strength low alloy steel</li> <li>For frames, trailer hitches and chassis</li> </ul>	1/8"	40 lbs.	100-140
30690		5/32"	10 lbs.	140-190
30689		5/32"	5 lbs.	140-190
42462		<p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 84,000</li> <li>All positions, except vertical down</li> <li>Polarity: DCEP, DCEN, AC</li> </ul>	5/32"	40 lbs.

## E6010 DC MILD STEEL 1/8" 10 LBS.

ITEM# 31610



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: 1/8"
- Weight: 10 lbs.
- Tensile Strength: 80,000 PSI
- Amperage: 35-125

# FILLER METALS

## SUPERWEAR HEAVY ABRASION 5/32", 1 LB.

ITEM# 42801



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: 5/32"
- Weight: 1lbs.
- Amperage: 160-200



### Superpote Hard Facing Electrodes

ITEM#	Description	Diameter	Weight	Amperages
42401	• 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	5/32"	1 lbs.	115-160
42405		5/32"	5 lbs.	115-160
42450	• Typical applications include surface buildup on new or worn machine parts of cast steel and manganese steel	5/32"	50 lbs.	115-160

**SPECIFICATIONS:**

- All positions
- Polarity: DC reverse or AC





## E312-16 & E312-17 Stainless Alloy Electrodes

ITEM#	Description	Diameter	Weight	Amperages
44557	<ul style="list-style-type: none"> <li>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</li> <li>This electrode offers a stable arc, minimal spatter, easy slag removal, and a smooth bead profile</li> <li>The high tensile strength and crack resistance makes it ideal for welding crack-sensitive steel or dissimilar metals</li> <li>The Forney® E312-16 can be used for a variety of applications in the repair and maintenance of tools, machine and drive components</li> </ul> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength: 116,000 PSI</li> <li>Elongation %: 22</li> <li>All positions</li> <li>Polarity: DCEP, DCEN, AC</li> </ul>	3/32"	1 lbs.	35-70
44560		1/8"	1 lbs.	60-110
42434	<ul style="list-style-type: none"> <li>Forney® E312-17 has exceptional strength and is crack resistant</li> <li>It is ideal for repairing tools, dies, spring steel and dissimilar metal combinations except for aluminum and copper alloys</li> <li>Recommeneded for repairing worn parts and as an underlay for hardfacing</li> <li>Electrode for all welding types of steel without cracking or breakage</li> <li>Special "FERRITE BALANCED" chemistry also serves as "STUD PULL" electrode</li> <li>Engineered deposit chemistry has a perfect ratio of metalics for crack resistance</li> <li>Flux eliminated slag</li> <li>Slag is designed to turn to powder making this electrode ideal for "STUD PULL" applications</li> </ul>	3/32"	5 lbs.	35-70
42435		1/8"	5 lbs.	60-110



## Super Ni-Cast 99% Nickel Electrodes

ITEM#	Description	Diameter	Weight	Amperages
45300	<ul style="list-style-type: none"> <li>Forney® Super Ni-Cast 99% Nickel electrode is used for maintenance and repair welding of all commercial types of cast iron, as well as for fusing iron to cast steel</li> <li>This electrode produces spatter-free welds in all positions using minimal amperage</li> <li>The weld deposits are fully machinable</li> </ul> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength: 46,000 PSI</li> <li>All positions, except vertical down</li> <li>Polarity: DCEP, DCEN, AC</li> </ul>	3/32"	.5 lbs.	70-90
45301		3/32"	1 lbs.	70-90
45400		1/8"	.5 lbs.	80-120
45401		1/8"	1 lbs.	80-120



# FILLER METALS



## Super Ni-Cast 55% Nickel Electrodes

ITEM#	Description	Diameter	Weight	Amperages
45460	<ul style="list-style-type: none"> <li>Forney® Super Ni-Cast 55% Nickel 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</li> <li>This electrode produces spatter-free welds in all positions using minimal amperage</li> <li>The weld deposits are fully machinable</li> </ul>	3/32"	.5 lbs.	50-80
45461		3/32"	1 lbs.	50-80
45464		1/8"	.5 lbs.	70-110
45465	<p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength: 32,000 PSI</li> <li>All positions, except vertical down</li> <li>Polarity: DCEP, DCEN, AC</li> </ul>	1/8"	1 lbs.	70-110



## E Ni-C High Nickel Cast Iron Electrodes

ITEM#	Description	Diameter	Weight	Amperages
42482	<ul style="list-style-type: none"> <li>Forney® E Ni-CI high nickel cast iron are soft machinable welds suitable for deep recesses or close quarters</li> </ul>	1/8"	5 lbs.	80-120
42483		3/32"	5 lbs.	70-90
42484	<ul style="list-style-type: none"> <li>Strong arc drive penetrates oil and grease</li> <li>Excellent for vertical up welding</li> </ul>	5/32"	5 lbs.	130-160



## E 308L-16 Stainless Steel Electrodes

ITEM#	Description	Diameter	Weight	Amperages
45200	<ul style="list-style-type: none"> <li>Forney® E 308L-16 is a general purpose electrode used on brewery, food and pharmaceutical equipment</li> </ul>	3/32"	5 lbs.	55-75
45202		1/4"	5 lbs.	75-110
45204	<ul style="list-style-type: none"> <li>Controlled silicon provides maximum corrosion / cracking resistance</li> <li>Low hydrogen and high purity core wire gives very low carbon content</li> </ul>	5/32"	5 lbs.	90-140



## E309L-16 Stainless Steel Electrodes

ITEM#	Description	Diameter	Weight	Amperages
45206	<ul style="list-style-type: none"> <li>Forney® E309L-16 electrodes are extra strong and tough</li> </ul>	3/32"	5 lbs.	55-75
45208		1/4"	5 lbs.	75-110
45210	<ul style="list-style-type: none"> <li>Moisture resistant coating provides sound porosity free deposits</li> <li>Slag is self removing</li> </ul>	5/32"	5 lbs.	90-140



## E316L-16 Stainless Steel Electrodes

ITEM#	Description	Diameter	Weight	Amperages
45212	<ul style="list-style-type: none"> <li>Forney® E316L-16 electrodes are maintenance quality molybdenum stainless steel</li> </ul>	3/32"	5 lbs.	55-75
45214		1/8"	5 lbs.	75-110
45216	<ul style="list-style-type: none"> <li>Excellent for all capabilities</li> <li>Moisture resistant coating for porosity free deposits</li> <li>Extra low carbon content to resist pitting</li> <li>Suitable for titanium and niobium stabilized versions on 316L stainless</li> </ul>	5/32"	5 lbs.	90-140

## 4043 DC ALUMINARC 1/8", 1/2 LB.

ITEM# 45889



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: 1/8"
- Weight: .5 lbs.
- Tensile Strength: 34,000 PSI
- Amperage: 70-120

## NOMACAST NON-MACHINABLE CAST IRON 1/8 IN., 1 LB.

ITEM# 43401



"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: 1/8"
- Weight: 1 lbs.
- Tensile Strength: 62,000 PSI
- Amperage: 70-125

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

ITEM# 42298



Forney® ER308 stainless steel MIG wire. Contains 20% chromium and 10% nickel. Welds type 301, 302, 304, 308, 321, and 347 stainless alloys. Ideal for the food and beverage industry, maintenance and repair.

### Specifications:

- Diameter: .030"
- Weight: 2 lbs. 587942
- Tensile Strength: 79,000 PSI
- Polarity: DCEP Reverse
- Required Shielding Gas: Argon or Argon/CO<sup>2</sup>

## ER70S-6 Mild Steel Wire

ITEM#	Description	Diameter	Weight
42290	<ul style="list-style-type: none"> <li>ER70S-6 mild steel MIG wire is a high strength mild steel MIG wire</li> <li>Ideal for auto body repair and fabrication on most ferrous metals</li> <li>Contains a high level of manganese and silicon for a superior weld, even on rusty or dirty steel</li> <li>Produces a smooth bead which requires less grinding. Not recommended for aluminum engines</li> </ul> <p><b>REQUIRED SHIELDING GAS: ARGON/CO2</b></p> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 70,000</li> <li>Polarity: DCEP</li> </ul>	.024"	2 lbs.
42285		.024"	10 lbs.
42291		.030"	2 lbs.
42286		.030"	10 lbs.
42276		.030"	33 lbs.
42292		.035"	2 lbs.
42287		.035"	10 lbs.
42281		.035"	33 lbs.
400000		.035"	44 lbs.
42282		.045"	33 lbs.
400001	.045"	44 lbs.	

## E71T-GS Flux-Core Mild Steel Wire

ITEM#	Description	Diameter	Weight
42300	<ul style="list-style-type: none"> <li>E71T-GS flux-core MIG wire for mild steel is a self-shielded mild steel all position flux-cored MIG welding wire</li> <li>Best suited to single pass applications with high-travel speed</li> <li>Moderate to low spatter</li> <li>Although no gas is required, an Argon/CO2 mix will reduce spatter</li> </ul> <p><b>REQUIRED SHIELDING GAS: ARGON/CO2</b></p> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 79,000</li> <li>Polarity: DCEN</li> </ul>	.030"	2 lbs.
42301		.030"	10 lbs.
42302		.035"	2 lbs.
42303		.035"	10 lbs.

## ER5356 Aluminum Wire

ITEM#	Description	Diameter	Weight
42293	<ul style="list-style-type: none"> <li>ER5356 aluminum MIG wire is a 5% magnesium, all position, non-heat treatable wire used to weld the 5XXX series alloys with some common welding applications such as boats, ships, bicycles, trucks, pressure vessels, automotive parts and equipment</li> </ul> <p><b>REQUIRED SHIELDING GAS: ARGON/CO2</b></p> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 38,000</li> <li>Polarity: DCEP</li> </ul>	.030"	1 lb.
42294		.035"	1 lb.
42551		.035"	16 lbs.
42553		.045"	1 lb.
42554		.045"	20 lbs.

## ER4043 Aluminum Wire

ITEM#	Description	Diameter	Weight
42536	<ul style="list-style-type: none"> <li>ER4043 aluminum MIG wire features 5% silicon content and a bright finish</li> <li>Works well with spool guns</li> <li>Recommended for truck bodies, pressure vessels and structural components</li> </ul> <p><b>REQUIRED SHIELDING GAS: ARGON/CO2</b></p> <p><b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 33,000</li> <li>Polarity: DCEP</li> </ul>	.035"	16 lbs.
42538		.045"	1 lb.
42539		.045"	20 lbs.
42295		.030"	1 lb.
42296		.035"	1 lb.

## ER308 & ER308LSI Stainless MIG Wire

ITEM#	Description	Diameter	Weight
42298	Forney® ER308LSI stainless steel MIG wire. Suitable for joining stainless steels of the 304 type and 308 types. Welding speed is higher than 308 or 308L due to improved weldability of the weld metal. Tensile strength: 87,000 PSI. Polarity: Reversed. Required Shielding Gas: Argon + 2% CO <sup>2</sup>	.030"	2 lbs.
42492		.035"	2 lbs.

## ER316L Stainless Steel Bare MIG Wire

ITEM#	Description	Diameter	Weight
42524	Forney® ER316L stainless steel bare MIG wire. Primarily used for welding low carbon molybdenum-bearing austenitic alloys. Used for MIG, TIG and submerged arc welding. This low carbon alloy is not as strong as elevated temperatures as ER316H. Tensile Strength: 88,000 PSI. Polarity: Reversed. Required Shielding Gas: MIG: Argon + 2% CO <sub>2</sub> ; TIG: Argon	.035"	2 lbs.



## Oxy-Acetylene Mild Steel Welding Rod

ITEM#	Description	Diameter	Weight	Length
42330	<ul style="list-style-type: none"> <li>High quality mild steel welding and brazing rod for repair of low carbon steels</li> <li>Copper coated rod has .06% max carbon and .17% max manganese</li> </ul>	1/16"	5 lbs.	36"
42326		3/32"	10 Rods	18"
42335	<ul style="list-style-type: none"> <li>Great rod for projects around the house or commercial use</li> </ul>	3/32"	5 lbs.	36"
42327		1/8"	10 Rods	18"
42340	<b>SPECIFICATIONS:</b> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 45,000</li> <li>Melting Point: 2,700° F (1,482° C)</li> </ul>	1/8"	5 lbs.	36"



## Bare Brass Brazing Rod

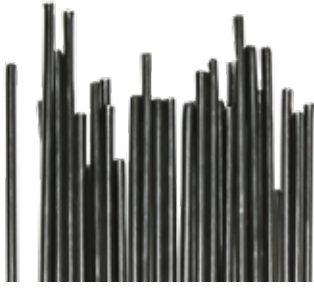
ITEM#	Description	Diameter	Weight	Length
48300	<ul style="list-style-type: none"> <li>Balanced zinc and copper alloy</li> <li>Features excellent ductility and is smooth flowing</li> <li>Excellent for brazing sheet metal, pipes, fenders, water tanks and many cast iron applications</li> <li>Requires flux</li> </ul>	3/32"	10 Rods	18"
47300		1/8"	10 Rods	18"
47305	<b>SPECIFICATIONS:</b> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 63,000</li> <li>Melting Point: 1,620° F (882° C)</li> </ul>	1/8"	5 lbs.	36"



## Bronze Brazing Rod, Flux-Cored, Low Fuming

ITEM#	Description	Diameter	Weight	Length
48490	<ul style="list-style-type: none"> <li>High-quality, low-fuming bronze brazing rod with flux</li> <li>Formulated for high tensile strength and ductility</li> </ul>	3/32"	10 Rods	18"
48495		3/32"	4 lbs.	36"
48496	<ul style="list-style-type: none"> <li>Smooth flowing</li> <li>Excellent for most brazing uses</li> <li>Flux coated for best cleaning action</li> </ul>	3/32"	10 lbs.	36"
48504		1/8"	4 lbs.	36"
48500	<b>SPECIFICATIONS:</b> <ul style="list-style-type: none"> <li>Tensile Strength (PSI): 65,000</li> <li>Melting Point: 1,598° F (870° C)</li> </ul>	1/8"	10 Rods	18"
48493		1/8"	14 Rods	18"

# FILLER METALS



TIG Filler Metals

ITEM#	Filler Metal	Diameter	Weight	Length
48520	ER309L Stainless Steel	1/16"	1 lb.	36"
48524	ER4043 Aluminum	1/16"	1 lb.	36"
45901	ER4043 Aluminum	3/32"	10 lbs.	36"
45902	ER5356 Aluminum	3/32"	10 lbs.	36"

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

ITEM# 46111

- 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)



## SUPER SIL-FLO BRAZING 1/8" X 18", .5 LB.

ITEM# 48571

- 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: .5 lb.





## FORNEY® SHOP FLAME™ VICTOR® COMPATIBLE MEDIUM-DUTY OXY-ACETYLENE WCH OUTFIT

ITEM# 1705



VICTOR® compatible medium-duty oxy-acetylene WCH kit. Welds up to 3/8" and cuts up to 6". Provided with built-in flashback arrestors & check valves for safety. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers.

### Kit Includes:

- Oxygen Regulator: ITEM# 87090
- Acetylene Regulator: ITEM# 87091
- Torch Handle: ITEM# 87093
- Cutting Attachment: ITEM# 87092
- Goggles: ITEM# 55311
- Flint Lighter: ITEM# 86102
- 1/4" x 15' T-Grade Hose
- Cutting Tip #0-3-101: ITEM# 60447
- Welding Tip #W-1-0: ITEM# 87822
- Flashback Arrestors & Check Valves

## FORNEY® DELUXE VICTOR® COMPATIBLE MEDIUM-DUTY OXY-ACETYLENE WCH OUTFIT

ITEM# 1707



VICTOR® compatible medium-duty oxy-acetylene WCH kit. Welds up to 3/8" and cuts up to 6". Provided with check valves for safety. Ideal for maintenance, fabrication, plumbing and DIY. Provides high performance at an economical rate.

### Kit Includes:

- Oxygen Regulator: 250 Series CGA-540: ITEM# 87090
- Acetylene Regulator ; 250 Series CGA-510: ITEM# 87091
- Torch Handle: 100/WM260 Series: ITEM# 87093
- Cutting Attachment: CA 350 / CA 250 Series: ITEM# 87092
- Goggles: Shade 5, 50mm round: ITEM# 55311
- Flint Lighter: Single flint lighter: ITEM# 86102
- T-Grade Twin Hose: 1/4" x 15'
- Cutting Tip #0: Series 3, Type 101: ITEM# 60447
- Welding Tip #0: Type W-1: ITEM# 87822
- Welding Tip #2: Type W-1: ITEM# 87824
- Welding Tip #4: Type W-1: ITEM# 87826
- Rosebud Tip #6: Type W-1: ITEM# 87790
- Check Valves: Regulator-to-hose: ITEM# 100003
- Tip Cleaner: Extra-long, Series 6-26: ITEM# 86119
- Flashback Arrestors & Check Valves

## FORNEY® MEDIUM/HEAVY-DUTY BASIC WCH OUTFIT

ITEM# 1710



### Kit Includes:

- Oxygen Regulator: 350-Series (100452)
- Acetylene Regulator: 350-Series (100449)
- Torch Handle: 315FC-Series (87102)
- Cutting Attachment: 2450-Series (87104)
- Cutting Tip: 1-1-101 (60463)
- Heating Nozzle: MFA-8 (87791)
- Hose: 1/4" (6.35 mm) x 15' (4.57 m) Twin
- Check Valves and Flashback Arrestors: Built-in
- Goggles: 50 mm (1.97") Cup Style Shade #5 (55311)
- Spark Lighter: Single Flint (86102)
- Tip Cleaner: 13-piece (86119)
- Packaging: Stainless Steel Carry Case

# OXY-ACETYLENE

## FORNEY® HEAVY-DUTY VICTOR® COMPATIBLE OXY-ACETYLENE WCH OUTFIT

ITEM# 1711



VICTOR® compatible heavy-duty oxy-acetylene WCH kit. Welds up to 1/2" and cuts up to 8". Provided with check valves for safety. Ideal for maintenance, fabrication, plumbing and do-it-yourselfers.

- **Kit Includes:**
- Oxygen Regulator: 450 Series - CGA-540: ITEM# 87100
- Acetylene Regulator: 450 Series, CGA-510: ITEM# 87101
- Torch Handle: 315/WH360 Series: ITEM# 87102
- Cutting Attachment: CA2460 Series: ITEM# 87104
- Goggles: Shade 5, 50mm round: ITEM# 55311
- Flint Lighter: Single flint lighter: ITEM# 86102
- T-Grade Hose: 1/4" x 20'
- Cutting Tip #1: Series 1, Type 101: ITEM# 60463
- Welding Tip #1: Type W: ITEM# 87833
- Welding Tip #3: Type W: ITEM# 87835
- Welding Tip #5 \*: Type W: ITEM# 100441
- Rosebud Tip #8: Type MFA: ITEM# 87791
- Flashback Arrestors & Check Valves
- Tip Cleaner: Extra-long, sizes 6-26: ITEM# 86119

## OXY-ACETYLENE GAS CUTTING WCH KIT

ITEM# 1753



VICTOR® compatible medium-duty torch WCH kit. Welds up to 3/8" and cuts up to 6". 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: ITEM# 86230
- Acetylene Regulator: ITEM# 86229
- Torch Handle: ITEM# 87093
- Cutting Attachment: ITEM# 87092
- Goggles: ITEM# 55311
- Flint Lighter: ITEM# 86102
- 3/16" x 12.5' T-Grade Hose
- Cutting Tip #0-3-101: ITEM# 60447
- Welding Tip #W-1-0: ITEM# 87822
- Oxygen Cylinder (Empty): ITEM# 86224
- Acetylene Cylinder (Empty): ITEM# 86228
- Flashback Arrester & Check Valves
- Plastic Tote: ITEM# 86221

## PLASTIC TOTE (ONLY)

ITEM# 86221

- Replacement plastic tote for Forney® ITEM# 1753, Tote-A-Torch torch kit, or comparable torch kits
- Tote only, no equipment



## VICTOR® 155 SERIES COMPATIBLE REAR MOUNT ACETYLENE REGULATOR, 15 PSI CGA-580

ITEM# 86229



- Victor® compatible acetylene regulator for light duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-580, 15 PSIG with 50mm rear mount gauges

## VICTOR® 155 SERIES COMPATIBLE REAR MOUNT OXYGEN REGULATOR 125 PSI, CGA-540

ITEM# 86230



- Victor® compatible oxygen regulator for light duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-540, 125 PSIG with 50mm gauges

## VICTOR® 150 SERIES COMPATIBLE ARGON/CO2 REGULATOR WITH 3MM X 10FT HOSE

ITEM# 85662



Argon/CO2 Regulator with 3mm x 10' hose for MIG or TIG welding. Uses industry standard CGA-580 inlet connection and 5/8-18 RH thread outlet. Rated at 60 SCFH and 4000 PSI inlet pressure.

### Compatible With:

- ITEM# 298 - Forney Easy Weld® 100 ST
- ITEM# 309 - 140 MIG Welder
- ITEM# 311 - 210 MIG Welder
- ITEM# 319 - 270 MIG Welder
- ITEM# 322 - 140 MP Welder
- ITEM# 324 - 190 MP Welder
- ITEM# 327 - 242 Dual MIG Welder

## HARRIS® MODEL 101 COMPATIBLE ARGON FLOW GAUGE REGULATOR, 0-50 LT/MIN, 0-315 BAR

ITEM# 85363

- Designed for light and medium MIG and TIG applications to provide accurate flow of gas
- CGA fittings



# GAS APPARATUS

## VICTOR® 150 SERIES COMPATIBLE SIDE MOUNT OXYGEN REGULATOR, 125 PSI, CGA-540

ITEM# 87070



- Universal Victor® compatible oxygen regulator for light duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (heat-treated) metal inlet filter to trap impurities
- Pressed, not soldered, joints for easy maintenance
- CGA-540, 125 PSIG with 50mm gauges

## VICTOR® 150 SERIES COMPATIBLE SIDE MOUNT ACETYLENE REGULATOR, 15 PSI, CGA-510

ITEM# 87071



- Universal Victor® compatible acetylene regulator for light duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (heat-treated) metal inlet filter to trap impurities
- Pressed, not soldered, joints for easy maintenance
- CGA-510, 15 PSIG with 50mm gauges

## VICTOR® 250 SERIES COMPATIBLE SIDE MOUNT OXYGEN REGULATOR, 125 PSI, CGA-540

ITEM# 87090



- Universal Victor® compatible oxygen regulator for medium duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-540, 125 PSIG with 2" gauges

## VICTOR® 250 SERIES COMPATIBLE SIDE MOUNT ACETYLENE REGULATOR, 15 PSI, CGA-510

ITEM# 87091



- Universal Victor® compatible acetylene regulator for medium duty applications
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-510, 15 PSIG with 2" gauges

## VICTOR® 450 SERIES COMPATIBLE SIDE MOUNT OXYGEN REGULATOR, 125 PSI, CGA-540

ITEM# 87100



- Victor® compatible heavy duty oxygen regulator
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-540, 125 PSIG with 2-1/2" gauges

## VICTOR® 450 SERIES COMPATIBLE SIDE MOUNT ACETYLENE REGULATOR, 15 PSI, CGA-510

ITEM# 87101



- Victor® compatible heavy duty oxygen regulator
- Forged brass bodies and bonnets for maximum strength
- Sintered (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
- CGA-510, 15 PSIG with 2-1/2" gauges

## VICTOR® HRF 1400 COMPATIBLE FLOWMETER CGA-580 INLET 0-60 SCFH

ITEM# 85364



Regulator and flowmeter 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 and MAG applications.

### Specifications:

- 0 - 60 SCFH flow
- 4,000 PSI cylinder pressure
- Piston type
- CGA-580

## 2" REGULATOR GAUGE 0-30 PSI

ITEM# 87730

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



# GAS APPARATUS

## 2" REGULATOR GAUGE 0-200 PSI

ITEM# 87729



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

## 2" REGULATOR GAUGE 0-400 PSI

ITEM# 87728



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

## 2" REGULATOR GAUGE 0-4,000 PSI

ITEM# 87727

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



## 2" PRESSURE GAUGE COVER

ITEM# 87505

- Protective pressure gauge cover. 2"

## 2-1/2" PRESSURE GAUGE COVER

ITEM# 87506

- Protective pressure gauge cover. 2-1/2"

## VICTOR® 100 SERIES COMPATIBLE MEDIUM-DUTY TORCH HANDLE

ITEM# 87093



- Medium-duty VICTOR® compatible 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® ITEM# 1705 and 1707 torch kits
- Use with W-1 series nozzles

## VICTOR® CA1350 SERIES COMPATIBLE MEDIUM-DUTY CUTTING ATTACHMENT

ITEM# 87092



- Medium-duty VICTOR® compatible 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® ITEM# 1705 and 1707 torch kits
- Use with 3 series cutting tips

## VICTOR® 315 SERIES COMPATIBLE HEAVY-DUTY TORCH HANDLE

ITEM# 87102



- Heavy-duty VICTOR® compatible 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® ITEM# 1711 torch kit
- Use with W series nozzles

## VICTOR® CA2460 SERIES COMPATIBLE HEAVY-DUTY CUTTING ATTACHMENT

ITEM# 87104



- Heavy-duty VICTOR® compatible 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® ITEM# 1711 torch kit
- Use with 1 series cutting tips



Victor® Compatible Oxy-Acetylene Cutting Tip

3-Series, Type 101

ITEM#	Size
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)
100275	#4 (4-3-101)
100276	#5 (5-3-101)

Victor® Compatible Oxy-Acetylene Cutting Tip

1-Series, Type 101

ITEM#	Size
100272	#000 (000-1-101)
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)
100273	#4 (4-1-101)
100274	#5 (5-1-101)

# TORCH TIPS



## Victor® Compatible Natural Gas / Propane Cutting Tip

### Series 1, Type GPN

ITEM#	Size
100284	#0 (0-1-GPN)
60471	#1 (1-1-GPN)
60472	#2 (2-1-GPN)
60473	#3 (3-1-GPN)
100285	#4 (4-1-GPN)

### Series 3, Type GPN

60482	#0 (0-3-GPN)
60483	#1 (1-3-GPN)
60484	#2 (2-3-GPN)
100282	#3 (3-3-GPN)
100283	#4 (4-3-GPN)



## Harris® Compatible Oxy-Acetylene Cutting Tip

### Model 6290

ITEM#	Size
100124	#000 (6290-000)
60426	#00 (6290-00)
60427	#0 (6290-0)
60428	#1 (6290-1)
60429	#2 (6290-2)
60430	#3 (6290-3)
100125	#4 (6290-4)
100126	#5 (6290-5)
100127	#6 (6290-6)



## Harris® Compatible Natural Gas / Propane Cutting Tip

### Model 6290-NX

ITEM#	Size
60433	#0 (6290-0-NX)
60434	#1 (6290-1-NX)
60435	#2 (6290-2-NX)
100132	#3 (6290-3-NX)



## Purox® Compatible Oxy-Acetylene Cutting Tip, Series 4202

ITEM#	Size	Cutting Depth
60517	#5 (4202-5)	1-1/2"





## Smith® Compatible Oxy-Acetylene Cutting Tip

Series SC12	
ITEM#	Size
100241	#000 (SC12-000)
100242	#00 (SC12-00)
100243	#0 (SC12-0)
60402	#1 (SC12-1)
60403	#2 (SC12-2)
100244	#3 (SC12-3)
100245	#4 (SC12-4)
100246	#5 (SC12-5)
100247	#6 (SC12-6)

## Smith® Compatible Oxy-Acetylene Cutting Tip

Series MC12	
ITEM#	Size
100239	#00 (MC12-00)
60406	#0 (MC12-0)
60407	#1 (MC12-1)
60408	#2 (MC12-2)
60409	#3 (MC12-3)
100240	#4 (MC12-4)

## HARRIS® MODEL J-63-2 COMPATIBLE ACETYLENE & HYDROGEN HEATING TIP

ITEM# 87131



- HARRIS® compatible "Rosebud" heating nozzle
- J-63-2. Includes Forney® ITEM# 87220 tip mixer

## VICTOR® SERIES MFA-1, SIZE 8 COMPATIBLE ACETYLENE & HYDROGEN HEATING NOZZLE SERIES MFA-1, SIZE 8

ITEM# 87790



- VICTOR® compatible oxygen-acetylene heating tip
- Size 8 (8-MFA-1)
- Fits Forney® ITEM#'s 1705, 1707, and 1753 torch kits and Victor® style light and medium-duty equipment

## VICTOR® COMPATIBLE ACETYLENE & HYDROGEN HEATING NOZZLE

ITEM# 87791

- VICTOR® compatible oxygen-acetylene hydrogen heating tip
- Size 8 (8 MFA)
- Fits Forney® ITEM# 1711 torch kit and Victor® style heavy-duty equipment



## Victor® Type M Compatible Oxy-Acetylene Universal Mixer, Type UM

ITEM#	Size
87795	#4 (4-UM-1)

# GAS APPARATUS



Victor® Compatible Oxy-Fuel Welding Tips, Type W-1

ITEM#	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® Compatible Oxy-Fuel Welding Tips, Type W

ITEM#	Size
87831	#00 (00-W)
87832	#0 (0-W)
87833	#1 (1-W)
87834	#2 (2-W)
87835	#3 (3-W)
100440	#4 (4-W)
100441	#5 (5-W)



R-Grade Oxy-Acetylene Hose with B-to-B Fittings

ITEM#	Size
86105	3/16" x 25'
86109	3/16" x 50'
86145	1/4" x 25'
86146	1/4" x 50'
100149	1/4" x 100'

## 1/4" X 25' T-GRADE ALTERNATIVE FUEL GAS HOSE WITH B-TO-B FITTINGS

ITEM# 86164

- 1/4" x 25'
- 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



## 1/4" X 50' T-GRADE ALTERNATIVE FUEL GAS HOSE WITH B-TO-B FITTINGS

ITEM# 86165



- 1/4" ) x 50'
- 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

## 15' GAS HOSE FOR REGULATORS & FLOWMETERS

ITEM# 85663

Gas Hose 15' with 5/8" Male Connections. Long gas hose for use on standard MIG and TIG regulators and flowmeters.

### Compatible With:

- ITEM# 298 - Forney Easy Weld® 100 ST
- ITEM# 309 - 140 MIG Welder
- ITEM# 311 - 210 MIG Welder
- ITEM# 319 - 270 MIG Welder
- ITEM# 322 - 140 MP Welder
- ITEM# 324 - 190 MP Welder
- ITEM# 327 - 242 Dual MIG Welder



## SINGLE-FLINT STRIKER

ITEM# 86102



- Our most popular model
- Features a square hood and round file with a patented assembly
- Used for lighting torch kits, BBQ grills, weedburners, etc

## REPLACEMENT FLINTS

ITEM# 86122



- Replacement flints for Forney® ITEM# 86102
- Single flint sticker starter pack
- 5-pack

# GAS APPARATUS

## THREE-FLINT STRIKER

ITEM# 86103



- 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
- Great for use on torch kits, BBQ's, weed burners, etc.

## FOUR-TRIANGLE (12 FLINTS) REPLACEMENT FLINTS

ITEM# 86104



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

## SAFE-LIGHT® GAS TORCH IGNITER

ITEM# 86111



- 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

## OXY-ACETYLENE TIP CLEANER KIT

ITEM# 86120



- 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

## TIP CLEANER KIT, EXTRA-LONG

ITEM# 86119

- 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



## 12-PIECE TIP DRILL SET AND HOLDER

ITEM# 86140

- Twelve (12) high carbon steel tip drills stored in a barrel
- Even 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® ITEM# 86139 for replacement cleaning drills



## 12-PIECE REPLACEMENT TWIST DRILLS

ITEM# 86139



- Contains even numbered drill sizes #52 through 74
- Replacement tips for use in Forney® ITEM# 86140, Tip Drill Set, and most other comparable tip drill holders

## 3/16" "R" & "MC" ACETYLENE CYLINDER TANK WRENCH

ITEM# 86147



- 3/16" "MC" cylinder acetylene tank wrench
- 3" long
- Fits Forney® ITEM# 86228, "MC" Acetylene Cylinder (Empty) and other similar "MC" tanks
- For use on Forney® ITEM# 1753, Tote-A-Torch Torch Kit

## 1/4" X 6" X 5" T-HANDLE OXY-ACETYLENE OR PROPANE CYLINDER WRENCH

ITEM# 86144



- 1/4" T-handle cylinder wrench
- 6" shank with 5" T-bar
- Durable steel wrench for use on acetylene tanks

## 3/8" X 6" X 5" T-HANDLE OXY-ACETYLENE OR PROPANE CYLINDER WRENCH

ITEM# 86143



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

# GAS APPARATUS

## 9-WAY CYLINDER WRENCH, 8-1/2"

ITEM# 86141



- Rugged forged wrench
- 8-1/2" long
- Includes: 7/16", 1/2", 9/16", 5/8", 11/16", 7/8", and 1", plus 1/4" socket and 3/16" square

## LOCKING JAW CRIMPING TOOL

ITEM# 86116



- Safely crimps twin welding hose ferrules on 3/16" and 1/4" hose

## OXYGEN HOSE NUT, 9/16"-18 RH "B" SIZE, 5-PACK

ITEM# 86125



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

## ACETYLENE HOSE NUT, 9/16"-18 LH, "B" SIZE, 5-PACK

ITEM# 86124



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

## SWIVEL NUT ADAPTER, A-307

ITEM# 87813



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

## 3/16 IN. BARBED OXY-ACETYLENE HOSE NIPPLE, 5-PACK

ITEM# 86128



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

## 1/4 IN. BARBED OXY-ACETYLENE HOSE NIPPLE, 5-PACK

ITEM# 86137



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

## 3/16" OXY-ACETYLENE BARBED HOSE SPLICER, 5-PACK

ITEM# 86131



- Splices two 3/16" oxy-acetylene twin hoses for added length
- Use Forney® ITEM# 86126 hose ferrules to secure hose
- 5-pack

## 1/4" OXY-ACETYLENE BARBED HOSE SPLICER, 5-PACK

ITEM# 86138



- Splices two 1/4" oxy-acetylene twin hoses for added length
- Use Forney® ITEM# 86135 hose ferrules to secure hose
- 5-pack

## 3/16" OXY-ACETYLENE HOSE FERRULE, 5-PACK

ITEM# 86126



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

## 1/4" OXY-ACETYLENE HOSE FERRULE, 5-PACK

ITEM# 86135



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

## 1/4" OXYGEN-ACETYLENE HOSE BRACE, 5-PACK

ITEM# 86136



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

# GAS APPARATUS

## 3/16" OXYGEN HOSE COUPLER WITH "B" FITTINGS, 5-PACK

ITEM# 86129



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

## 1/4" OXY-ACETYLENE FUEL HOSE COUPLER WITH "B" FITTINGS, 5-PACK

ITEM# 86130



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

## OXY-ACETYLENE FUEL HOSE COUPLER SET WITH "B" FITTING, 2-PACK

ITEM# 60332



- Includes 9/16"-18 thread "B" fittings
- For use with 3/16" or 1/4" hose
- Allows user to increase the length of their hose for hard to reach places

## FUEL GAS HOSE COUPLER WITH "B" INLET & "A" OUTLET, 200 PSI

ITEM# 86151



- Acetylene hose adapter to connects "A" size fittings to "B" size fittings
- Made from solid brass

## OXYGEN AND ACETYLENE HOSE COUPLERS, "B" AND "A" THREAD 200 PSI

ITEM# 86152



- Oxygen and acetylene hose adapters (carded pair)
- Use to connect "A" size fittings to "B" size fittings
- Made from solid brass
- 200 PSI

## OUTPUT CONNECTION FOR OXYGEN REGULATORS

ITEM# 87731



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



## OUTPUT CONNECTION FOR FUEL GAS REGULATORS

ITEM# 87732



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

## 6-PIECE 3/16" B-SIZE OXYGEN-FUEL GAS HOSE REPAIR KIT

ITEM# 60325



- Includes 2 barbed hose nipples, 2 hose ferrules, 1-oxygen and acetylene 9/16"-18 hose nuts and "B" fittings
- Carded
- For 3/16" hose

## 6-PIECE 1/4" B-SIZE OXYGEN-FUEL GAS HOSE REPAIR KIT

ITEM# 60326



- Includes 2 barbed hose nipples, 2 hose ferrules, 1-oxygen and acetylene 9/16"-18 hose nuts and "B" fittings
- Carded
- For 1/4" hose

## 6-PIECE 3/16" OXYGEN FUEL GAS HOSE SPLICER KIT

ITEM# 60330



- Includes 2 barbed hose splicers and 4 hose ferrules for 3/16" hose

## 6-PIECE 1/4" OXYGEN FUEL GAS HOSE SPLICER KIT

ITEM# 60331

- Includes 2 barbed hose splicers and 4 hose ferrules for 1/4" hose



# GAS APPARATUS

## LARGE 3/16" & 1/4" OXY-FUEL GAS HOSE REPAIR KIT WITH LOCKING JAW CRIMPER

ITEM# 86113

- Large kit
- Contains all the parts needed to safely repair or extend most brands of 1/4" and 3/16" oxy-acetylene hose
- Includes nuts, nipples, couplers, splicers, ferrules and crimper



## CGA-540 INLET NUT FOR OXYGEN REGULATORS

ITEM# 87733



- CGA-540 oxygen regulator repair parts for inlet nuts
- .908"-14NGO-RH-INT thread
- 3,000 PSI

## CGA-510 INLET NUT FOR ACETYLENE, NATURAL, & GAS PROPANE REGULATORS

ITEM# 87734



- CGA-510 acetylene regulator repair parts for inlet nuts
- .880"-14NGO-LH-EXT thread
- 500 PSI

## CGA-540 INLET NIPPLE FOR OXYGEN REGULATORS

ITEM# 87735



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








## CGA-510 INLET NIPPLE FOR ACETYLENE REGULATORS

ITEM# 87736







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

## Cylinder to Regulator Adapters

ITEM#	CGA Adapter	Inlet Thread Size	Outlet Thread Size	PSI	Image
87798	CGA-300 to CGA-200	Commercial Acetylene Cylinder	Acetylene "MC" Regulator	250	
87799	CGA-300 to CGA-510	Commercial Acetylene Cylinder	Acetylene P.O.L. Regulator	250	
87804	CGA-200 to CGA-300	Acetylene "MC" Cylinder	Commercial Acetylene Regulator	250	
87805	CGA-520 to CGA-510	Acetylene "B" Cylinder	Acetylene P.O.L. Regulator	250	
87806	CGA-510 to CGA-520	Acetylene P.O.L. Cylinder	Acetylene "B" Regulator	500	
87807	CGA-200 to CGA-510	Acetylene "MC" Cylinder	Acetylene P.O.L. Regulator	250	
87809	CGA-510 to CGA-300	Acetylene P.O.L. Cylinder	Commercial Acetylene Regulator	250	

## Cylinder Carts

ITEM#	Type	Specs	Base Plate	Semi Pneumatic Wheels	Image
510	Light-Duty	42" H x 19 1/2" W	7" x 15 1/2"	6"	
512	Medium-Duty	45" H x 21-1/2" W	8" x 16-1/2"	8"	
514	Heavy-Duty	45" H x 26" W	9" x 20"	10"	
328	Dual-Cylinder	30.41"H x 27.79" W	27.79" x 22.21"	7.25"	

# GAS APPARATUS

## 3-LEVEL PORTABLE WELDER & CYLINDER CART, 11-1/2" X 27-1/2"

ITEM# 332

- 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.
- Fits Forney® 300-series welders and plasma cutters and all similarly sized welders

