GAS APPARATUS OXY FUEL CUTTING & WELDING PRODUCTS







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WELDING, CUTTING & BRAZING OUTFITS

Durable

Brass & stainless steel construction with forged and extruded brass components for durability.

Any Fuel Gas

Complete High Performance Kits available for Oxy-Acetylene and Alternative Fuels (Natural Gas, Propane, Propylene).

ProMix[™] Inside (For Victor[®] Style Kits)

Standard with Victor® style kits. Proven design and precision machined parts insure maximum performance and minimize flashback resistance. See "ProMix Inside" below.

Performance Tested

American Torch Tip ProMix™ mixers and cutting tips are leak and/or flame tested to assure you quality cuts and safe operation.

UL Listed

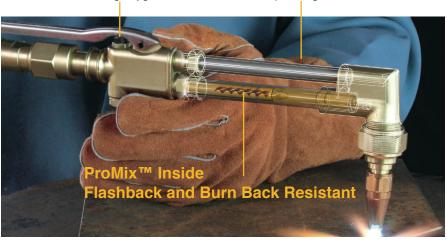
Product fulfills UL requirements.



"Ease on" cutting oxygen valve

Durable

Super tough stainless





HEAVY DUTY KITS (SMITH® STYLE) with 300 Series Regulators

Part Number	Welding Tip	Multi-Use Cutting Tip	Oxygen Regulator	Acetylene Regulator	Flash Back Arrestors	Gas service	Included
SCTB3-510	SW205	SC-A/ M6-1	SSR-350-450	SSR-360-510	Sold Separately	Acetylene	
SCTB3-510F	SW205	SC-A/M6-1	SSR-350-450	SSR-360-510	TFBA-0 and TFBA-F	Acetylene	
SCTB3-510-A	SW205	SC-A/SC-12-1-	SSR-361-450	SSR-360-510	Sold Separately	Propane / natural gas / Propylene	
SCTB3-510F-A	SW205	SC-A/SC-12-1	SSR-361-450	SSR-360-510	TFBA-0 and TFBA-F	Propane / natural gas / Propylene	
SCTB3-510F	SW205	SC-A/M6-1	SSR-350-450	SSR-360-510	TFBA-0 and TFBA-F	Acetylene	

Note: Kits available with **CGA 510** or **CGA 300** fuel gas cylinder connections.

Heavy Duty Kits Listed Above Include:

- Series 300 Regulators
- SWH-200 Welding Handle
- Reverse Flow Check Valves or Flash Back Arrestors
- SCA-209 Cutting Attachment
- SW205 Welding Tip Size 5
- Multi-use Tip System SC-A Adapter / M6-1 Cutting Tip
- 20 ft. 1/4" R-Grade Twin Hose, (T-Grade available)
- Flip-Up Goggle, Striker, Tip Cleaner Set, Tool Box







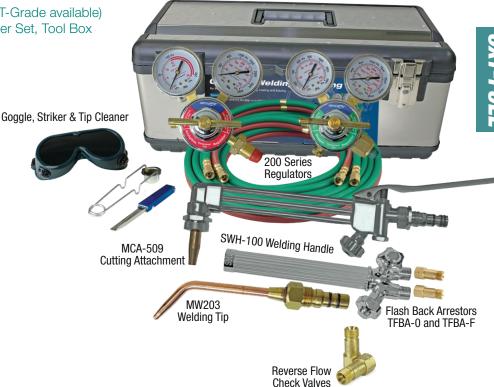
MEDIUM DUTY KITS (SMITH® STYLE) with 200 Series Regulators

Part number	Welding Tip	Oxygen Regulator	Acetylene Regulator	Flash Back Arrestors	Gas service	Included
MCTB2-510	MW203	SSR-250-540	SSR-260-510	Sold Separately	Acetylene	
MCTB2-510-A	MW203	SSR-250-540	SSR-261-510	Sold Separately	Propane / natural gas / Propylene	
MCTB2-510F	MW203	SSR-250-540	SSR-260-510	TFBA-0 and TFBA-F	Acetylene	
MCTB2-510F-A	MW203	SSR-250-540	SSR-261-510	TFBA-0 and TFBA-F	Propane / natural gas / Propylene	
MCTB2-510F	MW203	SSR-250-540	SSR-260-510	TFBA-0 and TFBA-F	Acetylene	

Note: Kits available with **CGA 510** or **CGA 300** fuel gas cylinder connections.

Medium Duty Kits Listed Above Include:

- · Series 200 Regulators
- SWH-100 Welding Handle
- Reverse Flow Check Valves or Flash Back Arrestors
- MCA-509 Cutting Attachment
- MW203 Welding Tip Size 3
 20 ft. 1/4" R Grade Twin Hose (T-Grade available)
- Flip-up Goggle, Striker, Tip Cleaner Set, Tool Box





HEAVY DUTY KITS (VICTOR® STYLE) with 400 Series Regulators

Part Number	Welding Nozzles	Multi-Use Cutting Tip	Oxygen Regulator	Fuel Gas Regulator	Flash Back Arrestors	Gas service	Included
VHSTB-510	W-2	V-40/ M6-1	VSR-450-540	VSR-460-510	Sold Separately	Acetylene	
VHSTB-510F	W-2	V-40/M6-1	VSR-450-540	VSR-460-510	TFBA-0 and TFBA-F	Acetylene	
VHSTB-510-A	W-2	V-40/LGP-1	VSR-450-540	VSR-461-510	Sold Separately	Propane / natural gas / Propylene	
VHSTB-510F-A	W-2	V-40/LGP-1	VSR-450-540	VSR-461-510	TFBA-0 and TFBA-F	Propane / natural gas / Propylene	
VHSTB-510-MFA-8	W-2	V-40/M6-1	VSR-450-540	VSR-460-510	Sold Separately	Acetylene	Heating Nozzle MFA-8
VHSTB-510F-MFA-8	W-2	V-40/M6-1	VSR-450-540	VSR-460-510	TFBA-0 and TFBA-F	Acetylene	Heating Nozzle MFA-8
VHDTB-510F	W-1, W-3, W-5	V-40/M6-1	VSR-450-540	VSR-460-510	TFBA-0 and TFBA-F	Acetylene	Heating Nozzle MFA-8

Note: Kits available with **CGA 510** or **CGA 300** fuel gas cylinder connections.

Heavy Duty Kits Listed Above Include:

- · Series 400 Regulators
- · WH-315 Welding Handle
- · Reverse Flow Check Valves or Flash Back Arrestors





HEAVY DUTY KITS (VICTOR® STYLE) with 300 Series Regulators

Part number	Welding Nozzles	Multi-Use Cutting Tip	Oxygen Regulator	Fuel Gas Regulator	Flash Back Arrestors	Gas service	Included
VHSTB3-510	W-2	V-40 / M6-1	VSR-350-540	VSR-360-510	Sold Separately	Acetylene	
VHSTB3-510-A	W-2	V-40 / LGP-1	VSR-350-540	VSR-361-510	Sold Separately	Propane / natural gas / Propylene	
VHSTB3-510F	W-2	V-40 / M6-1	VSR-350-540	VSR-360-510	TFBA-0 and TFBA-F	Acetylene	
VHSTB3-510F-A	W-2	V-40 / LGP-1	VSR-350-540	VSR-361-510	TFBA-0 and TFBA-F	Propane / natural gas / Propylene	
VHSTB3-510-MFA-8	W-2	V-40 / M6-1	VSR-350-540	VSR-360-510	Sold Separately	Acetylene	Heating Nozzle MFA-8
VHSTB3-510F-MFA-8	W-2	V-40 / M6-1	VSR-350-540	VSR-360-510	TFBA-0 and TFBA-F	Acetylene	Heating Nozzle MFA-8
VHDTB3-510F	W-1, W-3, W-5	V-40 / M6-1	VSR-350-540	VSR-360-510	TFBA-0 and TFBA-F	Acetylene	Heating Nozzle MFA-8

Note: Kits available with CGA 510 or CGA 300 fuel gas cylinder connections.

Heavy Duty Kits Listed Above Include:

- · Series 300 Regulators
- WH-315 Welding Handle
- Reverse Flow Check Valves or Flash Back Arrestors





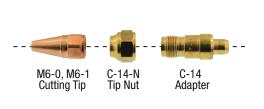
MEDIUM DUTY KITS (VICTOR® STYLE) with 200 Series Regulators

Part number	Welding Nozzles	Multi-Use Cutting Tip	Oxygen Regulator	Fuel Gas Regulator	Flash Back Arrestors	Gas service	Included
VMSTB-510	W-1	C-14 / M6-0 C-14-N	VSR-250-540	VSR-260-510	Sold Separately	Acetylene	
VMSTB-510F	W-1	C-14 / M6-0 C-14-N	VSR-250-540	VSR-260-510	TFBA-0 and TFBA-F	Acetylene	
VMSTB-510-A	W-1	C-14 / LGP-0 C-14-N	VSR-250-540	VSR-261-510	Sold Separately	Propane / natural gas / Propylene	
VMSTB-510-MFA-1-6	W-1	C-14 / M6-0 C-14-N	VSR-250-540	VSR-260-510	Sold Separately	Acetylene	Heating Nozzle MFA-1-6
VMSTB-510F-MFA-1-6	W-1	C-14 / M6-0 C-14-N	VSR-250-540	VSR-260-510	TFBA-0 and TFBA-F	Acetylene	Heating Nozzle MFA-1-6
VMDTB-510F	W-1-1 W-1-2 W-1-5	C-14 / M6-0 C-14-N	VSR-250-540	VSR-260-510	TFBA-O and TFBA-F	Acetylene	Heating Nozzle MFA-1-6

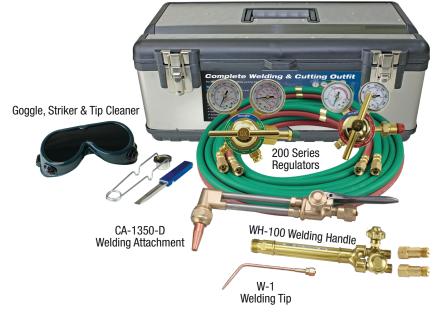
Note: Kits available with **CGA 510** or **CGA 300** fuel gas cylinder connections.

Included:

- · Series 200 Regulators
- · Cutting Attachment & Welding Handle
- Check Valves
- W-1 Welding Nozzle Size 1
- Multi-use Tip System C-14 Adapter, M6-0 Cutting Tip
- 15 ft 1/4" R Grade Twin Hose
- Flip-Up Goggle, Striker, Tip Cleaner Set, Tool Box











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READ MORE ABOUT IT...

Download these Technical Guides and other LIGHTNING® literature at AmericanTorchTip.com/oxy-fuel-brochures.





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AMERICAN TORCH TIP

CUTTING ATTACHMENTS (VICTOR® STYLE)

Part Number	Cutting Attachment Description	Туре	Mixer	
CA-2460-D	Heavy Duty Cutting Attachment	Victor® Style	ProMix™	
CA-1350-D	Medium Duty Cutting Attachment	Victor® Style	ProMix™	-
CA-2460- (Tips sold sepa		CA-1350-D (Tips sold separa		

CUTTING ATTACHMENTS (VICTOR® & HARRIS® STYLE)

Part Number	Welding Handle Description	Туре	Included
WH-315	Heavy Duty Welding Handle	Victor® Style	
WH-315-C	Heavy Duty Welding Handle	Victor® Style	Reverse Flow Check Valves
WH-315-FC	Heavy Duty Welding Handle	Victor® Style	Flash Back Arrestors/Reverse Flow Check Valves Combination
WH-100	Medium Duty Welding Handle	Victor® Style	
WH-100-C	Medium Duty Welding Handle	Victor® Style	Reverse Flow Check Valves
WH-100-FC	Medium Duty Welding Handle	Victor® Style	Flash Back Arrestors/Reverse Flow Check Valves Combination
WH-8500	Heavy Duty Welding Handle	Harris® Style	Flash Back Arrestors/Reverse Flow Check Valves Combination







Check Valves

Flash Back Arrestors TFBA-0 and TFBA-F



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STRAIGHT CUTTING TORCHES AND KITS (VICTOR® STYLE)

Part number	Description	Length	Head	Oxygen Regulator	Fuel Gas Regulator	Includes
ST-1600	Heavy Duty Straight Cutting Torch	21"	90°			
ST-1600FC	Heavy Duty Straight Cutting Torch	21"	90°			Flashback Arrestor, Check Valve Comb.
ST-1600-250-510	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-250-540	VSR-260-510 Acetylene	
ST-1600-350-510	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-350-540	VSR-360-510 Acetylene	
ST-1600-350-300	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-350-540	VSR-360-300 Acetylene	
ST-1600FC-350-300	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-350-540	VSR-360-300 Acetylene	Flashback Arrestor, Check Valve Comb.
ST-1600FC-350-510	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-350-540	VSR-360-510 Acetylene	Flashback Arrestor, Check Valve Comb.
ST-1600-450-510	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-450-540	VSR-460-510 Acetylene	Reverse Flow Check Valves
ST-1600FC-450-510	Heavy Duty Straight Cutting Torch KIT	21"	90°	VSR-450-540	VSR-460-510 Acetylene	Flashback Arrestor, Check Valve Comb











Reverse Flow Check Valves

Combination Flash Back Arrestor/ Check Valve

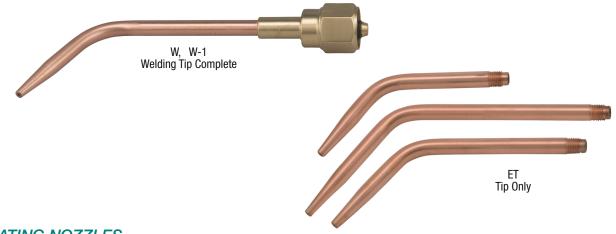
VSR-350-540 VSR-360-510 (See chart above for other torch/regulator combinations)



WELDING TIPS (VICTOR® STYLE)

Part Number = Style + Size (e.g. W-1-00)

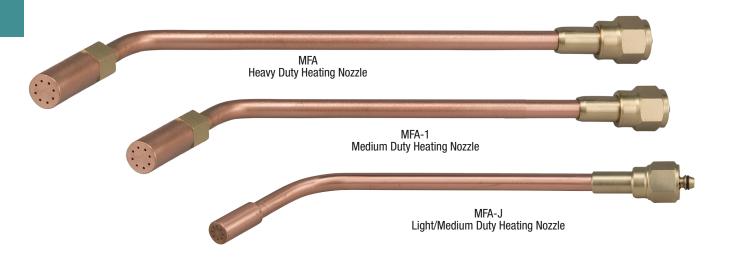
Style	Sizes	Description
W	1, 2, 3, 4, 5, 6, 7, 8	Heavy Duty - Welding Tip Complete - For WH-315 Victor® Style Handle (300 Series)
W-1	000, 00, 0, 1, 2, 3, 4, 5, 6, 7	Medium Duty - Welding Tip Complete - For WH-100 Victor® Style Handle (100 Series)
ET	000, 00, 0, 1, 2, 3, 4	Tip Only



HEATING NOZZLES

Part Number = Style + Size (e.g. MFA-10)

Style	Sizes	Description
MFA	4, 6, 8, 10, 12, 15	Heavy Duty - Heating Nozzle - For Victor® Style Handle (300 Series)
MFA-1	2, 4, 6, 8	Medium Duty - Heating Nozzle - For Victor® Style Handle (100 Series)
MFA-J	2, 4, 6	Light/Medium Duty - Heating Nozzle - For Victor® Style Handle (J Series)





STRAIGHT CUTTING TORCHES (HARRIS® STYLE) AND KITS

Part number	Description	Gas Mixer	Length	Head	Oxygen Regulator	Fuel Gas Regulator	Includes
62-3UF	Heavy Duty Straight Cutting Torch	All Fuel Gases	18"	90°			
62-3-250	Heavy Duty Straight Cutting Torch KIT	All Fuel Gases	18"	90°	VSR-250-540	VSR-260-510	Reverse Flow Check Valves
62-3-350	Heavy Duty Straight Cutting Torch KIT	All Fuel Gases	18"	90°	VSR-350-540	VSR-360-510	Reverse Flow Check Valves
62-3-450	Heavy Duty Straight Cutting Torch KIT	All Fuel Gases	18"	90°	VSR-450-540	VSR-460-510	Reverse Flow Check Valves
6236-F70	Heavy Duty Straight Cutting Torch	All Fuel Gases	36"	70°			
6248-F70	Heavy Duty Straight Cutting Torch	All Fuel Gases	48"	70°			
6260-F180	Heavy Duty Straight Cutting Torch	All Fuel Gases	60"	180°			

Note: 62-3UF series includes a universal injector mixer for acetylene and all alternate fuel gases.











Reverse Flow Check Valves

Combination Flash Back Arrestor/ Check Valve

VSR-350-540 VSR-360-510 (See chart above for other torch/regulator combinations)



400 SERIES REGULATORS

Part number	Description	Gas Service	Inlet Connection	Packaging
VSR-450-540	Heavy Duty Regulator	Oxygen	CGA 540	Box
VSR-450-540-CS	Heavy Duty Regulator	Oxygen	CGA 540	Clam Shell
VSR-460-510	Heavy Duty Regulator	Acetylene	CGA 510	Box
VSR-460-510-CS	Heavy Duty Regulator	Acetylene	CGA 510	Clam Shell
VSR-461-510	Heavy Duty Regulator	LPG	CGA 510	Box
VSR-460-300	Heavy Duty Regulator	Acetylene	CGA 300	Box
VSR-461-300	Heavy Duty Regulator	LPG	CGA 300	Box







VSR-450-540

VSR-460-510

VSR-461-510

Outlet Connections - B

9/16" – 18 RH 9/16" – 18 LH

Delivery Range

 $\begin{array}{lll} \text{Oxygen} & & 5-125 \text{ psi} \\ \text{Acetylene} & & 2-15 \text{ psi} \\ \text{Alternate Fuel Gas} & & 2-30 \text{ psi} \end{array}$



300 SERIES REGULATORS

Part number	Description	Gas Service	Inlet Connection	Included	Packaging
VSR-350-540	Heavy Duty Regulator	Oxygen	CGA 540		Box
VSR-350-540-CS	Heavy Duty Regulator	Oxygen	CGA 540		Clam Shell
VSRG-350-540	Heavy Duty Regulator w/ Guard	Oxygen	CGA 540	Guage Guard - Green	Box
VSR-360-510	Heavy Duty Regulator	Acetylene	CGA 510		Вох
VSR-360-510-CS	Heavy Duty Regulator	Acetylene	CGA 510		Clam Shell
VSRG-360-510	Heavy Duty Regulator	Acetylene	CGA-510		Box
VSR-361-510	Heavy Duty Regulator w/ Guard	LPG	CGA 510	Gauge Guard - Red	Box
VSR-360-300	Heavy Duty Regulator	Acetylene	CGA 300		Box
VSR-361-300	Heavy Duty Regulator	LPG	CGA 300		Box







VSR-350-540

VSR-360-510

VSR-361-510

Outlet Connections - B

9/16" - 18 RH 9/16" - 18 LH

Delivery Range

Oxygen 5 – 125 psi Acetylene 2 – 15 psi Alternate Fuel Gas 2 – 30 psi





Green Gauge Guard VGG-350

Red Gauge Guard VGG-360



200 SERIES REGULATORS

Part number	Description	Gas Service	Inlet Connection	Packaging
VSR-250-540	Medium Duty Regulator	Oxygen	CGA 540	Вох
VSR-250-540-CS	Medium Duty Regulator	Oxygen	CGA 540	Clam Shell
VSR-260-510	Medium Duty Regulator	Acetylene	CGA 510	Box
VSR-260-510-CS	Medium Duty Regulator	Acetylene	CGA 510	Clam Shell
VSR-261-510	Medium Duty Regulator	LPG	CGA 510	Вох
VSR-260-300	Medium Duty Regulator	Acetylene	CGA 300	Вох
VSR-261-300	Medium Duty Regulator	LPG	CGA 300	Box







VSR-261-510

150 SERIES REGULATORS (SIDE MOUNT AND REAR MOUNT)

Part number	Description	Gas Service	Inlet Connection	Packaging
VSR-150-540	Light Duty Regulator	Oxygen	CGA 540	Box
VSR-150R-540	Light Duty Regulator	Oxygen	CGA 540 Rear Mount	Box
VSR-160-510	Light Duty Regulator	Acetylene	CGA 540	Box
VSR-160R-200	Light Duty Regulator	Oxygen	CGA 200 Rear Mount	Box





Outlet Connections - B

9/16" – 18 RH 9/16" – 18 LH

Delivery Range

Oxygen 5 – 125 psi Acetylene 2 - 15 psi Alternate Fuel Gas 2 - 30 psi





FLOWMETER REGULATOR COMBINATIONS

Part Number	Hose Length	Gas Service	Flow Rate	Delivery Range	Inlet Connection
AFM-100-580-CS6	6' Hose	Argon	3000	0-70	CGA 580
AFM-100-580-CS10	10' Hose	Argon	3000	0-70	CGA 580
CFM-100-320-CS6	6' Hose	C02	3000	0-70	CGA 320
CFM-100-320-CS10	10' Hose	C02	3000	0-70	CGA 320

Without Hose

With Hose

Part Number	Gas Service	Flow Rate	Delivery Range	Inlet Connection
AFM-100-580	Argon	3000	0-70	CGA 580
CFM-100-320	C02	3000	0-70	CGA 320

CHECK VALVES AND FLASH BACK ARRESTORS

Part number	Description	Gas Service	Fittings
TFBA	Torch Mount Flashback Arrestor - Pair Pack	Oxygen / Fuel Gas	9/16"-18
TFBA-0	Torch Mount Flashback Arrestor - Single	Oxygen	9/16"-18
TFBA-F	Torch Mount Flashback Arrestor - Single	Fuel Gas	9/16"-18
RFBA	Regulator Mount Flashback Arrestor - Pair Pack	Oxygen / Fuel Gas	9/16"-18
RFBA-0	Regulator Mount Flashback Arrestor - Single	Oxygen	9/16"-18
RFBA-F	Regulator Mount Flashback Arrestor - Single	Fuel Gas	9/16"-18
CV	Torch Mount Reverse Flow Check Valve - Pair Pack	Oxygen / Fuel Gas	9/16"-18
CV-0	Torch Mount Reverse Flow Check Valve - Single	Oxygen	9/16"-18
CV-F	Torch Mount Reverse Flow Check Valve - Single	Fuel Gas	9/16"-18



Torch Mount Flash Back Arrestors



Regulator Mount Flash Back Arrestors



Torch Mount Reverse Flow Check Valves CV



ACCESSORIES

Part Number	Description			
IGN-1	Autospark Igniter - Piezo Electric Igniter (Uses 2 - AA batteries)			
STK-1	Round Flint Striker			
LFG-1	Lift Front Goggles			
TCS-1	Standard Tip Cleaner Set			
VGG-350	Green Gauge Guard for 300 series gauges			
VGG-360	Red Gauge Guard for 300 series gauges			











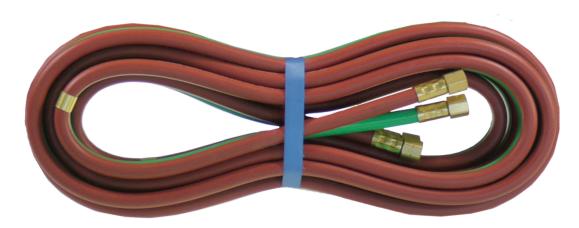
Green Gauge Guard VGG-350

Red Gauge Guard VGG-360



HOSE

Part number	Description	Length	Size	Fittings
TH14T800	T-Grade Twin Welding Hose	Reel (800 ft)	1/4"	None
TH1420T	T-Grade Twin Welding Hose	20 ft	1/4"	9/16" - 18
TH1415T	T-Grade Twin Welding Hose	15 ft	1/4"	9/16" - 18
TH1425T	T-Grade Twin Welding Hose	25 ft	1/4"	9/16" - 18
TH1450T	T-Grade Twin Welding Hose	50 ft	1/4"	9/16" - 18
TH14100T	T-Grade Twin Welding Hose	100 ft	1/4"	9/16" - 18
TH14R800	R-Grade Twin Welding Hose	Reel (800 ft)	1/4"	None
TH31625R	R-Grade Twin Welding Hose	25 ft	3/16"	"A" Fittings
TH1420R	R-Grade Twin Welding Hose	20 ft	1/4"	9/16" - 18
TH1415R	R-Grade Twin Welding Hose	15 ft	1/4"	9/16" - 18
TH1425R	R-Grade Twin Welding Hose	25 ft	1/4"	9/16" - 18
TH1450R	R-Grade Twin Welding Hose	50 ft	1/4"	9/16" - 18
TH14100R	R-Grade Twin Welding Hose	100 ft	1/4"	9/16" - 18



T-Grade Twin Welding Hose



MULTI-USE UNIVERSAL TIP SYSTEM



Easy Upgrade







Benefits:

- · Quick and easy tip changes
- Only one adapter needed for each torch
- · Every Multi-Use tip fits every adapter
- · Virtually eliminates torch head re-seating
- Tip inventory can be reduced
- · Heat, cut and weld with the same torch
- · Adapters and tips for all gases

A simple effective upgrade that can save you as much as 60% in replacement tip costs.





MULTI-USE ADAPTERS

			MOLIT-OSE ADAPTERS
MANUFACTURER	TORCH MODEL	# ADAPTER #	ADAPTER
Airco® (regular)	261 ,261, 275, 361	A-90	
Airco® (small)	145, 155	A-45	
Air Products®	121, M6, 201, KGLG	KG	
Craftsman®	B, BL	CRF	
CIG®	41, 44	CIG	
Esab®	IAD-300, IPB-300	ESAB	
Harris®	6290, NX, NFF, VVC	H62	
Harris®	7490A, 7490BTU	C5	



MULTI-USE	ADAPTERS		
MANUFACTURER	TORCH MODEL #	ADAPTER #	ADAPTER
Harris ®	2890F, 2890P	Н-28	
KOIKE®	102, 103, 106, 106D7	КОІ	
Marquette®	GW-6, GWP	MKT	
Meco®	LA-6, LM	мсм	
MG®	ARC, PL-RC	MG	
National®	Veriflow A, LPG	N400	
National®	Veriflow 25AA, 25PGS	N15	
Oxweld®	L-TEC 1502, 1534, 1535, 1566, 1567	0-32	



MULTI-USE ADAPTERS

			MULTI-USE ADAPTERS
MANUFACTURER	TORCH MODEL #	ADAPTER #	ADAPTER
Purox®	L-TEC 4202, 4203, 4213-14	PE	
	KX-6, KX-105	RKX	
Rego®			
	G1-AD, G1-R, G1-T	CCL	
Rego®			
		SAF	
SAF®			
	SC12, SC50	SC	
Smith®			
	LC-6, LC-P	SLT	
Smith®			
	250, 251	T75	
Torchweld®			
	650, 651	T36	
Torchweld®			



MULTI-USE ADAPTERS

MANUFACTURER	TORCH MODEL #	ADAPTER #	ADAPTER
Torchweld®	243, 247	T30	
Victor®		V40	
Victor®		C14	
Weld It®	S, SP	W37	
Zinser®		ZIN	

MULTI-USE TIPS

Tip Part Number = Style + Size (e.g. SC-56-00)

STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSIONS	Т	IP .
M6	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene		1 piece med preheat		(و ال	
M6HS	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Acetylene		1 Piece high speed		(0,0,0)	
LG	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	liquified natural gas		2 Piece		(
LGHS	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	liquified natural gas		2 Piece high speed			



Tip Part Number = Style + Size (e.g. LGPHS-2)

MULTI-USE TIPS

	or art Number					WOLIT-OOL TII O
STYLE	SIZES	FUEL	APPLICATIONS		DIMENSIONS	TIP
LGM	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8			2 piece		
LGMHS	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Марр		2 piece high speed	imag	e not available
AM8	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Марр		1 piece		
НТА	1, 2, 3	Acetylene		1 piece		
нтс	1, 2, 3	propane		2 piece		
нтм	1, 2, 3	Марр		2 piece		
МВ	000, 00, 0, 1, 2, 3, 4	Acetylene		brazing tip	<u></u>	
M6H5D7	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene		1 piece high speed stainless steel insert	imag	e not available
LGH5D7	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propane/ natural gas		2 piece high speed stainless steel insert	imag	e not available
LGP	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Propylene		2 piece		
LGPHS	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propylene		2 piece High speed		
LGPH5D7	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propylene		2 piece high speed stainless steel insert	imag	e not available
LGMHSD7	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Марр		2 piece high speed stainless steel insert	imag	e not available



TIP NUTS			
MANUFACTURER	TORCH MODEL	PART #	TIP NUT
Airco	3000, 9000	831-2259	
Airco	2490, 2475	831-2466	
Airco	145, 155 For use with Multi- Use Adapter	A45N-N	
Craftsman	A, D For use with Multi- Use Adapter	CRF-N	
Dockson	С	PE-N	
Dockson	C-6, CG	DOC-N	



			TIP NUTS
MANUFACTURER	TORCH MODEL	PART #	TIP NUT
Harris	62 (old) Fine	6259A	
Harris	62 (new) Coarse	6259B	
Harris	H-76	7459C5	image not available
Harris	Tip nut For use with Multi- Use Adapter	H62-N	
KG	Screw in	229V-360-000	
Meco	L	1641	



TIP NUTS			
MANUFACTURER	TORCH MODEL	PART #	TIP NUT
Oxweld	1808	37Z23	
Oxweld	1427	33A34	
Oxweld	C31 & C32	33A56	
Purox	For use with Multi- Use Adapter	PE	
Purox	E	902	
Rexarc (Rego)	KX (Old Style)	3978-21	
Rexarc (Rego)	KX (New Style)	4278-21	



MANUFACTURER	TORCH MODEL	PART #	TIP NUT
Smith	LC	G71-A	
Smith	SC	SCG900-41A	
Victor	for 1-101 Series Tips and CA-2460 Cutting Attachment	0309-0018	
Victor	for 3-101 Series tips and CA-1350 Cutting Attachment	0309-0003	
Victor	Use with Multi-Use Adapter C-14 for 1-101 Series tips and CA-2460 Cutting Attachment	C-14-N	



Tip Part Number = Style + Size (e.g. 112-00)

AIRCO® TIPS

AIRCO ^o	® TIPS							
STYLE	FUEL	SIZES	APPLICATION	FEATURES	LENGTH		TIP	
45	Acetylene	00, 0, 1, 2, 3, 4, 5, 6, 8, 10	Machine Cutting With Divergent Bore	Medium Preheat 6- Preheat Flames		(°°°)		
45C	Acetylene	0, 1, 2, 3, 4, 6	Machine Cutting With Divergent Bore Copper	Medium Preheat 6- Preheat Flames			0	
112	Acetylene	00, 0, 1, 2, 3	Hand Cutting Use On Clean Surface Flat Seat Design	Medium -6 Holes 1 Piece Copper	1.75" / 44.5mm			
119	Acetylene	00, 0, 1, 2, 3, 4	Hand Or Machine Cutting Trimming -Thin Sheet For Use In Restricted Areas	Light Preheat -2 Hole 1 Piece	3.4 / 86.4mm	000		
124	Acetylene	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Hand Or Machine Cutting For Clean Plate	Light Preheat 1 Piece	3.4 / 86.4mm	(° ° °)		
138	Acetylene	000, 00, 0, 1, 2, 3, 4, 5, 6	Hand Or Machine Cutting Fine Contour Plate Or Sheet Metal	Light To Medium Preheat Close Circle Pattern	3.4" / 86.4mm	(° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °		
144	Acetylene	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 10	Hand Or Machine Cutting Rusty, Oxidized, Painted Surfaces On Low Carbon Steel & Steel Casting	Medium Sized 11-14 For Rivet Washing & Gouging 1 Piece	3.4" / 86.4mm	(°°°)		
145	Acetylene	00, 0, 1, 2, 3, 4, 5, 6	Hand Cutting General Cut- ting With Style 2700 Cutting Attach 2 Seat Design	Light To Medium 1 Piece	2.7" / 68.6	$\left(\begin{smallmatrix} \circ \\ \circ \\ \circ \end{smallmatrix} \right)$	(%)	
164	Acetylene	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Hand Or Machine Cutting General Cutting Cast Iron Stainless Steel Extensive Preheat Plate Rust Scale Painted Surfaces	Heavy 1 Piece	3.4 / 86.4mm			
183	Acetylene	3, 4, 6, 8, 10, 12	For Grooving , Gouging , Flame Machining & Remov- ing Imperfect Welds	Medium - Tip Bent 20 Degree 1 Piece	4.4 / 111.8mm			
185	Acetylene	6, 8, 10, 12	Gouging	Gouging	4.4 / 111.8mm	©°°°		
191	Acetylene	1, 2, 3, 4, 5, 6, 7, 8	General Cutting Long 7"		7" / 177.8mm			



Tip Part Number = Style + Size (e.g. 112-00)

AIRCO® TIPS

							AINCO	711 0
STYLE	FUEL	SIZES	APPLICATION	FEATURES	LENGTH		TIP	
195	Acetylene	1, 2, 3, 4, 5	Hand Or Macine Cutting 45 Degree Machine Cutting Bevel Hand Cutting Rivet Heads/ Bulkheads	Medium - Tip Bent 45 Degree 1 Piece	9 3.8" / 86.4mm	<u></u>		
196	Acetylene	8, 10, 12, 14	Rivet Washing	Medium - 1 Piece	3.4" / 86.4mm		(0)	
345	Марр	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Machine Cutting -High Speed General Purpose (Same As 245 Except Hs)	High Speed - 2 Piece			0)	
245	Марр	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Hand Or Machine Cutting General Purpose	Medium Preheat Fine Splines And Flutes 2 Piece	3.3 / 83.8mm		(a)	
A-FS	Марр	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Hand & Machine Cutting General Purpose Cutting	Medium To Heavy Even Preheat Pattern 2 Piece Fine Spline	3.4" / 86.4mm	(Supplemental of the supp	(0)	
A-FH	Марр	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Hand & Machine Cutting General Purpose Use With High Pressure Cutting Oxygen	Heavy Preheat Even Preheat Pattern 2 Piece Designed For High Speed Cutting			0	
A-SP	Mapp / Propylene	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Hand Cutting	1 Piece -8 Preheat	3.4 / 86.4mm		(0)	
A-G-1	Mapp / Propylene	3, 4, 6, 8, 10, 12	Grooving & Gouging Deseaming And Removing Imperfect Welds	Medium To Heavy Preheat - Tip Bent 30 Degrees For Easy Use 1 Piece Speed Medium	4.8 / 121.9mm			
A-GW-30	Mapp / Propylene	113, 147, 191, 250, 86	Gouging Rivet Washing Straight					
A-GFS	Propane / Propylene / Natural Gas	1, 2, 6, 4, 6, 8	Gouging Straight					
183P	Propane / Natural Gas	6, 7, 8, 10, 11, 12	Gouging Bent					
219	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9	Hand Or Machine Cutting General Purpose Cutting	Light Preheat 2 Piece	3.4" / 86.4mm		0)	
229	Propane / Natural Gas	00, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14	Hand Or Machine Cutting General Purpose Cutting	Light 2 Piece	3.4" / 86.4mm	©		



Tip Part Number = Style + Size (e.g. 112-00)

AIRCO® TIPS

	STYLE	FUEL	SIZES	APPLICATION	FEATURES	LENGTH	TIP	
	261	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Hand Or Machine Cutting Hand Cutting Material In Excess Of 8' Machine Cut- ting Up To 14" For Cutting Clean Plate.	Heavy Preheat 2 Piece Exceptainal Flame Stability	3.4" / 86.4mm		
	263	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Hand Or Machine Cutting General Purpose Cutting Straight Bore Cutting For Material Up To 8"	Medium Preheat- 22 Degree V Splines For Max Heat Transfer Fast Piercing/ Start- ing 2 Piece	3.4" / 86.4mm		
	275	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Hand Or Machine Cutting General Purpose For Thick Plate Straight Bore Cutting	Fast Preheat - 22 Degree V Splines Sizes 00-5- 36 Degree V Splines 6-8	3.3" / 83.8mm		
	287	Propane / Natural Gas	6, 8, 10, 12	Grooving & Gouging For Removing Imperfect Welds	Heavy Preheat Tip Bent 22 Degree Low Velocity Oxygen Stream	5.3 / 134.6mm		
ĺ	297	Propane / Natural Gas	8, 10, 12	Rivet Washing		3.4 / 86mm		
	361	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 6, 8, 10	Machine	High Speed -2 Piece			
	363	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 8, 10	Machine	High Speed -2 Piece			
Ì	375	Propane / Natural Gas	00, 0, 1, 2, 3, 4, 5, 6, 7, 8,	Machine Cutting- High Speed Diverged Orifice Allows More Cutting Oxygen Pressure	Heavy Fast Preheat 2 Piece -22 Degree V Splines Designed For High Speed Cutting	3.3" / 83.8mm		
	A-GFB	Propane / Propylene / Natural Gas	1, 2, 4, 6, 8	Gouging Bent				
	209F	Propylene	5/0, 4/0, 000, 00, 0 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	General Cutting	2 Piece	3.4 / 86mm		



AIRCO® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	LENGTH	MultiUse ADAPTER
A-90	REGULAR Replaces 124, 144, 164, 261, 275, 361	Use standard Airco nut with this adapter	2.25" / 57.2 mm	
A-45	SMALL Replaces 145 – 155	A45N required adapter nut	2.0" / 50.8 mm	

See Multi-Use section for selection of tips for your torch.

AIRCO® TIP NUTS

PART #	TORCH STYLE	TIP NUTS
831-2259	3000, 9000	
831-2466	2475, 2490	
A45N-N	145 – 155	



366 AIR PRODUCTS® / AGA

Tip Part Number = Style + Size (e.g. 121-00)

AIR PRODUCTS®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
121	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene	General purpose hand or machine cutting	Medium preheat 1 piece	3.8" / 96.5mm	
164	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Acetylene	General purpose hand or machine cutting 1-piece - conical seat	Light preheat	3.4 / 86.4mm	
261	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9	Propane/ Natural gas	General purpose hand or machine cutting	Heavy preheat 2 piece	3.4" / 86.4mm	

AIR PRODUCTS® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER	?
KG	121, M6, 201, KGLG	Use standard Air Products tip nut with this adapter		

See Multi-Use section for selection of tips for your torch.

AGA® - EUROPEAN

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
211	1, 2, 3, 4, 5	Acetylene	General purpose	Medium preheat 1 piece	44mm		
302	2, 3, 4, 5, 6, 7,	8 Acetylene	General purpose	Medium to heavy preheat 1 piece	88mm	(°°°)	
211-Tetro		propylene	General purpose Style-Tetrene + Size	Light preheat 2 piece e.g. 211-Tetrene-4	44mm		



367

BOC® / CIG®

Tip Part Number = Style + Size (e.g. ANME-1/16-10-25mm)

BOC - EUROPEAN

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
AGNM	13, 19, 25, 1/4, 3/16	Acetylene	Hand gouging for fast accurate removal of weld defects and weld preparation		3.93" / 100MM		
ANME	1/32-3-5mm, 3/64-5-10mm, 1/16-10-25mm, 5/64-25-50mm, 3/32-50-100mm, 7/64-100-200mm, 1/8-200-300mm	Acetylene	GENERAL PURPOSE	LONG	3.46" / 88mm	°°°°	
PNME	1/32-3-5mm, 3/64-5-10mm, 1/16-10-25mm, 5/64-25-50mm, 3/32-50-100mm, 7/64-100-200mm, 1/8-200-300mm	Natural gas / Propane	GENERAL PURPOSE	LONG	3.46" / 88mm		

CIG - EUROPEAN

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
41	6, 8, 10, 12, 15, 20, 24, 32	Acetylene	General purpose cutting			image not available
41HS	6, 8, 12, 15, 20, 24, 32	Acetylene	High speed	Medium preheat 1 piece	2.7" / 70mm	image not available
41GS	32, 48, 64	Acetylene	Gouging -straight	Medium preheat 1 piece straight design	2.7" / 70mm	
41GB	32, 48, 64	Acetylene	Gouging - bent	Heavy preheat 1 piece bent design	3.7" / 95mm	

(conrtinued on next page)



368 CIG / CRAFTSMAN

Tip Part Number = Style + Size (e.g. 44HS-8)

CIG® – EUROPEAN STYLE (conrtinued from previous page)

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
44	6, 8, 10, 12, 15, 20, 24, 32	Acetylene	General purpose cutting	Medium preheat 2 piece	2.7" / 70mm		
44HS	6, 8, 12, 15, 20, 24, 32	Acetylene	High speed cutting	Medium preheat 2 piece	2.7" / 70mm		
44GB	32, 48, 64	Acetylene	Gouging -bent	Heavy preheat 1 piece	3.7" / 95mm	٥	
44GS	32, 48, 64		Gouging -straight	Heavy preheat 1 piece	2.7" / 70mm	$ \stackrel{\circ}{\overset{\circ}{\circ} \circ})$	

CIG® MULTI-USE ADAPTER

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
CIG	41, 44	Use standard CIG tip nut with this adapter	

See Multi-Use section for selection of tips for your torch.

CRAFTSMAN®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP	
В	68, 62, 60, 56, 52, 49	Acetylene	Hand cutting general or scrap cutting	Medium preheat 1 piece	3.0"/76.2mm	· · · · · · · · · · · · · · · · · · ·		
BL	68, 62, 60, 56, 52, 49	Propane/ Natural gas	General purpose hand or machine cutting	Light preheat 2 piece	3.0"/76.2mm		()	

CRAFTSMAN® MULTI-USE ADAPTER

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
CRF	B, BL A, D	Use standard tip nut Use CRF-N (see next page)	
	A, D	ood of it is (ood noxt page)	

See Multi-Use section for selection of tips for your torch.



CRAFTSMAN® / DOCKSON®

Tip Part Number = Style + Size (e.g. C-6-00)

CRAFTSMAN® TIP NUT

PART #	TORCH STYLE	TIP NUT	
CRF-N	A, D		

DOCKSON®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
C-6	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene	Hand cutting & cutting at- tachments general purpose	Medium preheat 1 piece		
CG	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propane / Natural gas	Hand cutting general purpose	Medium preheat 2 piece	2.8"/ 71.12mm	

DOCKSON® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
DOC-A	C-6 & CG	DOC-N nut required with this adapter	
DOC-N	C-6 & CG		

See Multi-Use section for selection of tips for your torch.

DOCKSON® TIP NUT

PART #	TORCH STYLE	TIP NUT	
PE-N	С		



370 ESAB®

FSAR®

Tip Part Number = Series + Size e.g. 4.450.001

ESAB®			i ip Part Nu	mber = Series + Size	e.g. 4.450.001	
STYLE	SERIES	S SIZES	FUEL	APPLICATIONS	FEATURES	TIP
IAA-250K	4.450.	000, 001, 002, 003, 004, 005, 006, 007,	Acetylene	High Speed Cutting	2 piece COMPLETE	image not available
IAA-250K	4.450.	500,501,502	Acetylene	Standard Cutting	EXTERNAL	image not available
GAA 300 L	4.450.	071, 072, 073, 074, 075, 076,	Acetylene	Standard Cutting Nozzle	1 piece	
IAD 300 L	4.450.	290, 291, 293,294, 295, 296, 297	Acetylene	Standard Cutting Nozzle	INNER	
GAC100L	4.450.	242, 243, 244	Acetylene	High Performance Cutting Nozzle	1 piece	image not available
GPB-300L	4.450.	091, 092, 093, 094, 095, 096, 097, 098	Propane/ Natural Gas	High Speed Cutting Nozzle	1 piece	image not available
IPB - 300L	4.450.	040, 041, 042, 043, 044, 045, 046, 047, 048,	Propane/ Natural Gas	High Speed Cutting Nozzle	INNER	image not available
IPB - 300L	4.450.	545	Propane/ Natural Gas	High Speed Cutting Nozzle	OUTER	image not available
IPB - 300L	4.450.	260, 261, 262, 263, 264, 265,	Propane/ Natural Gas	High Performance Cutting Nozzle	INNER	
AMA250K	4.450.	020, 021, 022, 023, 024, 025, 026, 027	Propane/ Natural Gas	Standard Cutting Nozzle	INNER	
IPA250K	4.450.	521 , 522 , 561	Propane/ Natural Gas	Standard Cutting Nozzle	OUTER for AMA250K (above)	image not available
IPD-300L	4.450.	560	Propane/ Natural Gas	Super high speed	2 piece	image not available

(conrtinued on next page)



ESAB® / GEGA®

Nozzle Part Number = MODEL e.g. A-10

ESAB®

MODEL	SERIES	SIZES	FUEL	APPLICATIONS	FEATURES	TIP
A-8			Acetylene	Marking Nozzle	1 piece	image not available
A-10			Propane/ Natural Gas	Marking Nozzle	1 piece	image not available
P-8			Acetylene	Marking Nozzle	1 piece	image not available
P-10			Propane/ Natural Gas	Marking Nozzle	1 piece	image not available

ESAB® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	MultiUse ADAPTER
ESAB	IAD-300, IPB-300		

See Multi-Use section for selection of tips for your torch.

Tip Part Number = Style + Size e.g. SDS-26F

GEGA® - EUROPEAN

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
SDS	26F, 28F, 33F, 36F, 33FP, 40F	Propane / Natural gas	Machine cutting continuous casting	Heavy preheat 1 piece	1.0"/25.4mm	



372 HARRIS®

Tip Part Number = Style + Size (e.g. 3690-00)

HARRIS®

HARR	215®						
STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TI	P
3690	00, 0, 1, 2	Acetylene	Mini Cutting Tip Can Be Use For Welding & Brazing	Light Preheat	1.5"/38.1 mm	٥٥٥	
6290A	000, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General Purpose	Medium Preheat 1-Piece	2.5"/63.5mm	(°°°)	
6290S	000, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General Purpose , Scrap Heavily Rusted, Ideal For Beveling Cutting Plate 1/16 To 12"	Heavy Preheat 1 Piece	2.4/61.0mm	(; <u>`</u> ;	
6290D	1, 2, 3	Acetylene	Hand Cutting Drag Type For Cutting And Trimming Light Plate	Light Preheat 1 Piece	2.5"/63.5mm	(S)	
6290G	1, 2, 3	Acetylene	Gouging, Grooving And Removing Imperfect Welds	Medium Preheat 1 Piece Bent	2.3/58.4mm		
7490A	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene	General Purpose	Medium Preheat 1 Piece	3.9/99.1mm		
3690P	00, 0, 1, 2	Propane/ Natural Gas	Mini Cutting Tip 2 Piece	Light Preheat	1.3"/33.3mm		
6290N	000, 00, 0, 12, 3, 4, 5, 6,	Propane/ Natural Gas	General Purpose	Medium Preheat	2.5"/63.5mm		
6290NH	4, 5, 6, 7, 8	Propane/ Natural Gas	Machine Cutting For Heavy Cutting Of Plate	Medium Preheat	2.5"/63.5mm	(
6290NX	000, 00, 0, 1, 2, 3, 4, 5, 6	Propane/ Natural Gas	Hand & Machine Cutting General Purpose Straight Line Clean Surface Cutting 3/16-12"	Medium Preheat	2.5/63.5mm		
6290NXP	000, 00, 0, 1, 2, 3, 4, 5, 6	Propane/ Natural Gas	Hand & Machine Cutting General Purpose Straight Line Clean Surface Cutting 3/16-12" (Deeper Recess Than Nx)	Medium Preheat	2.5"/63.5mm		
6290NFF	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	Hand & Machine Cutting General Cutting General Pur- pose Scrap, Heavily Rusted, Scaled Or Painted Metal 5/8 To 12" Ideal For Bevel	Medium Preheat 2 Piece Chrome Plated Ext	2.5"/63.5mm	0	



373 HARRIS®

Tip Part Number = Style + Size (e.g. 6290GG-3)

HARRIS®

							HARRIS®
STYLE	FUEL	SIZES	APPLICATION	FEATURES	LENGTH		TIP
6290NFW	4, 5, 8	Propane/ Natural Gas	Hand & Cutting Gouging, Rivet Washing, Removing Weld Metal . Metal Prepara- tion And Beveling	Medium To Heavy Preheat 2 Piece	2.5"/63.5mm		
6290HRW	4, 5, 8	Propane/ Natural Gas	Rivet Washing	Heavy Preheat 2 Piece	2.5"/63.5mm		
6290VVC	5/0, 4/0, 000, 00, 0, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6,	Propane/ Natural Gas	Machine Cutting High Speed Oxygen Flow - Narrow Cut- ting Jet And Kerf	Heavy Preheat 2 Piece	2.5"/63.5mm		
6290 GG	1, 2, 3	Propane/ Natural Gas	Gouging 1 Piece Bent	Medium Preheat	4.0"/101.6mm		
2290НН	1, 2, 3, 4, 5	Propane/ Natural Gas	Hand Heating	High Heat	3.25"/82.6mm	TO O O O O O O O O O O O O O O O O O O	
7490 BTU	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propane/ Natural Gas	General Purpose	Heavy Preheat 1 Piece (Rug- ged/Durable)	3.9"/99.1mm	(i) (i)	
6290H-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Марр	General Purpose Metal Cut- ting 3/16"To 12"	Medium Preheat 1 Piece	2.4"/61.0mm	(°°°) (°°°)	
6290H-FS	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Марр	General Purpose Cutting Metal 3/16 To 12"	Medium To Heavy 2 Piece Fine Spline Flutes	2.4"/61.0mm		
6290VVCM	5/0, 4/0, 000, 00, 0, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5	Марр	Machine Cutting	Medium Preheat 2 Piece	2.4"/61.0mm		
6290VVCP	5/0, 4/0, 000, 00, 0, 1/2, 1, 11/2, 2, 2 1/2, 3, 4, 5, 6,	Марр	Machine Cutting Precision High Speed Machine Cutting High Speed Oxygen Flow Narrow Cutting Jet Low Fuel Consumption Narrow Kerf	Heavy 2 Piece	2.5"/63.5mm		
2290MPHD	1, 2, 3, 4, 5	Марр	Hand Heating	Heavy Heating For Mapp Gas	2.0"/50.8mm	<u></u>	
6290H-FH	72, 68, 65, 62, 60, 56, 54, 52, 49, 46, 44, 42, 38	Марр	High Speed 2 Piece			ima	ige not available



374 HARRIS®

Tip Part Number = Style + Size (e.g. 8490-2)

HARRIS®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
6290NFFL	000P, 00P, 0P, 1P, 2P, 3P, 4P, 0P	Hpg Gas	Hpg Gas Long	8" Long	8"/ 203.2 mm	image not available
6290NXM	000, 00, 0, 1, 2, 3, 4, 5, 6		General Cutting	2 Piece		
6290VAX	0, 1, 2, 3, 4, 5, 6	Acetylene	High Speeed	2 Piece Chromed		image not available
6290VVCPM	5/0, 4/0, 000, 00, 0, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6	Mapp/Pro- pylene	High Speed	2 Piece		image not available
8490	2, 3, 4, 4 1/2, 5, 6	Acetylene	Welding Tip			image not available
8490N	2, 4, 5, 6, 7, 8,	Propane/ Natural Gas	Welding Tip			image not available
6290NFFL	000, 00, 0, 1, 2, 3, 4, 6	Propane/ Natural Gas	Standard Tip Long	0	8" / 203.2 mm	
6290NFFLM		Марр	Mapp Long	<u> </u>	8" /203.2 mm	
6290NHM		Марр	General Purpose		2.5/33.3 mm	image not available



HARRIS® / KG®

HARRIS® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
H62A	6290, NX, NFF, VVC	H62N nut required with this adapter	
H62N	6290, NX, NFF, VVC		
C 5	7490A, 7490BTU	Use standard Harris® Nut	
H28	2890F, 2890P	Use standard Harris® Nut	

See Multi-Use section for selection of tips for your torch.

HARRIS® TIP NUTS

PART #	MODEL #	NUT
6259A	62 (old) Fine	
6259B	62 (new) Coarse	
7459C5	Н-76	image not available

KG® TIP NUT

PART #	MODEL #	NUT
229V-360-000	Screw In	



KOIKE® / MARQUETTE®

Tip Part Number = Style + Size (e.g. 106-0-8)

KOIKE®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP	
106M7	1, 2, 3, 4, 5, 6	Propane/ Natural Gas	High Speed Cutting Stainless Steel Insert	2 Piece				
106-0	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propane/ Natural Gas	Standard Tip With 0 Ring	2 Piece			(Q)	
106-07S	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	High Speed Chromed Stain- less Steel Insert	2 Piece			(O)	
106Q7	00, 0, 1, 2, 3, 4, 5, 6, 8	Propane/ Natural Gas	High Speed Chromed Stain- less Steel Insert	2 Piece			(e)	
107D7S	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Propane/ Natural Gas	High Speed Stainless Steel Insert	2 Piece		(in)		
406NT	00, 0, 1, 2, 3, 4, 5	Propane/ Natural Gas	General Cutting	2 Piece			(e)	
ЕРОСН	100, 150, 300, 600	Propane/ Natural Gas	Cast Or Cutoff	2 Piece			image not avail	able

KOIKE® MULTI-USE ADAPTER

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER	
КОІ	102, 103, 106, 106 D7	Use standard Koike nut with this adapter		

See Multi-Use section for selection of tips for your torch.

MARQUETTE®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
GW-6	00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General cutting	Light To Medium Preheat 1 Piece	3.5"/88.9mm	
GWP	00, 0, 1, 2, 3, 4, 5, 6	Propane / Natural gas	General cutting	Light To Meduim Preheat 2 Piece	3.5"/88.9mm	image not available
						(conrtinued on next page)



MARQUETTE® / MECO®

Tip Part Number = Style + Size (e.g. LM-00)

MARQUETTE® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
MKT	GW-6, GWP	Use standard Marquette nut with this adapter	

See Multi-Use section for selection of tips for your torch.

MECO®

,	STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
	LA-6	00, 0, 1, 2, 3, 4, 5, 6	Acetylene	Hand cutting	Medium Preheat 1 Piece	2.8/71mm		
	LM	00, 0, 1, 2, 3, 4, 5, 6	Propane/ Natural Gas	Hand general purpose	Medium Preheat 2 Piece Milled Tip	2.9"/73.7mm		
	LB	00, 0, 1, 2, 3, 4, 5, 6	Propane/ Natural Gas	Hand general purpose	Medium Preheat 1 Piece With Recess	2.8"/71mm	(3)	
	M-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 35, 30	Mapp/ Propylene	General purpose	Medium Preheat 1 Piece	2.8"/71mm		
	M-FS	72, 68, 60, 56, 52, 49, 44, 42, 38	Mapp/ Propylene	General purpose	Medium To Heavy 2 Piece	2.8"/71.1mm	(

MECO® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
МСМ	LA-6, LM	Use standard Meco nut with this adapter	

See Multi-Use section for selection of tips for your torch.

MECO® TIP NUTS

PART #	TORCH STYLE	TIP NUT	
1641	١		



378 MESSER®

Vadrum® style	SIYLE
Vadrum® style 716.15762 3-5 mm Internal 1210-A 716.15762 6-10 mm Internal 1716.15762 716.15762 10-25 mm Internal 1716.15764 25-50 mm Internal 1716.15766 80-100 mm Internal 1716.15766 80-100 mm Internal 1716.15769 100-150 mm Internal 1716.15770 2-150 mm UTER	
Title	
1210-A	Vadrum® style
Title Titl	
Tri6.15765 50-80 mm	1210-A
Trich 15766	
Ti6.15769	
T16.16072 T-15 mm	
Tile 16073 15-25 mm	
Tile 16073 15-25 mm	
Title	
Tile 16076 60-100 mm Internal 100-200 mm Internal 100-300 mm 100-	Gricut® style
716.16076 60-100 mm Internal 716.16077 100-200 mm Internal 716.16078 200-250 mm Internal 716.16080 3-100 mm OUTER 716.161000 100-300 mm OUTER 716.16100 100-300 mm OUTER 716.16100 100-300 mm OUTER 716.16100 100-300 mm OUTER 716.17012 3-10 mm Internal Internal 666.17102 3-10 mm Internal 666.17104 25-40 mm Internal 666.17105 40-60 mm Internal 666.17106 60-100 mm Internal 666.17107 100-200 mm Internal 666.17108 200-300 mm Internal 666.17115 2-100 mm OUTER 716.15942 6-10 mm OUTER 716.15942 6-10 mm Internal 716.15943 10-25 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15946 60-100 mm Internal 716.15948 150-230 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15940 00-100 mm Internal 716.15940 230-300	8280
T16.16078	0200
716.16080 3-100 mm OUTER 716.16100 100-300 mm OUTER 666.17101 2-8 mm Internal 666.17102 3-10 mm Internal 666.17103 10-25 mm Internal 666.17105 40-60 mm Internal 666.17105 40-60 mm Internal 666.17108 200-300 mm Internal 666.17115 2-100 mm OUTER 666.17115 2-100 mm OUTER 666.17116 100-300 mm OUTER 716.15941 3-5 mm Internal 666.1716.15942 6-10 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15949 716.15940 OUTER	
Tile	
A-RS 666.17101 666.17102 3-10 mm	
A-RS 666.17102 3-10 mm	
A-RS 666.17102 3-10 mm	
A-HS 666.17103 10-25 mm Internal 666.17104 25-40 mm Internal 666.17105 40-60 mm Internal 666.17106 60-100 mm Internal 666.17107 100-200 mm Internal 666.17108 200-300 mm Internal 666.17115 2-100 mm OUTER 666.17116 100-300 mm OUTER 666.17116 100-300 mm Internal 716.15942 6-10 mm Internal 716.15943 10-25 mm Internal 716.15944 25-40 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15949 230-300 mm Internal 716.15949 230-300 mm Internal 716.15940 3-150 mm OUTER	
1215-A 25-40 mm	A-RS
1215-A 100-200 mm	
1215-A 100-200 mm	
1215-A 100-300 mm	
1215-A 100-300 mm	
Texas	
716.15941 3-5 mm Internal Acetylene 716.15942 6-10 mm Internal 716.15943 10-25 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15948 230-300 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	
716.15942 6-10 mm Internal 716.15943 10-25 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	
1215-A 716.15943 10-25 mm Internal 716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	
716.15944 25-40 mm Internal 716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	1215_A
716.15945 40-60 mm Internal 716.15946 60-100 mm Internal 716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	ILIO A
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716.15947 100-150 mm Internal 716.15948 150-230 mm Internal 716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	
716.15949 230-300 mm Internal 716.15950 3-150 mm OUTER	
716.15950 3-150 mm OUTER	
7 10.13931 1 130-300 Hilli 1 001En	
666.17225 2-8 mm Internal Mapp/Propane	
666.17226 3-10 mm Internal Mapp/Propane	DI DC
666.17227 10-25 mm Internal Mapp/Propane	PLNG
666.17228 25-40 mm Internal Mapp/Propane	
666.17229 40-60 mm Internal Mapp/Propane 666.17230 60-100 mm Internal Mapp/Propane	
666.17230 60-100 mm Internal Mapp/Propane 666.17231 100-200 mm Internal Mapp/Propane	
666.17232 200-300 mm Internal Mapp/Propane	
666.17235 2-100 mm OUTER Propane	
666.17236 100-300 mm OUTER Propane	
716.15919 2-100 mm OUTER MAPP	
716.15920 100-300 mm OUTER MAPP	
740,40000 0.5 mm 4.55 mm	
716.16020 3-5 mm 1 Piece Acetylene 716.16021 6-10 mm 1 Piece	
A-CID 716.16022 10-25 mm 1 Piece	A-CID
716.16023 25-40 mm 1 Piece	
716.16024 40-60 mm 1 Piece (**)	
716.16025 60-80 mm 1 Piece	
716.16026 80-100 mm 1 Piece	
716.16027 100-200 mm 1 Piece	
716.16028 200-300 mm 1 Piece	



STYLE **CUT RANGE FEATURES FUEL** TIP / INTERNAL / OUTER PART # 716.15901 3-10 mm Internal Mapp/Propane 716.15902 Internal 7-15 mm **1230 PMYF** 716.15903 15-25 mm Internal 716.15904 25-40 mm Internal 40-60 mm 716.15905 Internal Internal OUTER 716.15906 60-100 mm 716.15900 3-100 mm 2-5 mm 3-5 mm 6-10 mm 716.15910 716.15921 Internal Mapp/Propane Internal 1270 PYF 716.15922 Internal 716.15923 10-25 mm Internal 25-50 mm 716.15924 Internal 716.15925 50-80 mm Internal 716.15926 80-100 mm Internal Propane 716.15930 100-150 mm **OUTER** 716.15932 2-150 mm **OUTER** Mapp 716.15927 716.15928 Mapp/Propane 100-200 mm Internal 200-250 mm 250-300 mm Internal **1280 PMYF** 716.15929 Internal 716.15931 100-300 mm OUTER Mapp/Propane Acetylene OUTER (contact cap) 816.11301ATT Alfa® style Replaces 716.11301 outer contact cap (see next page)

(conrtinued on next page)

MG® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
MG	ARC, PLRC	Use standard MG nut with this adapter	

See Multi-Use section for selection of tips for your torch.

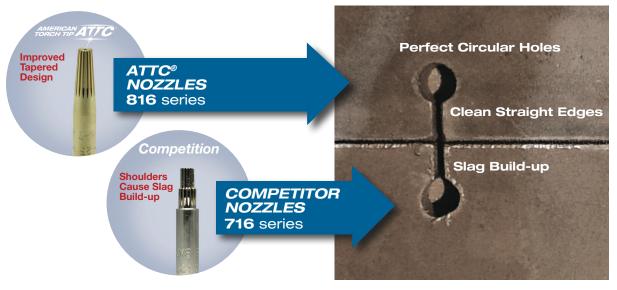


380 MESSER®

ATTC® 816 SERIES

ATTC® Outer Nozzle and Torch Cap must be used with ATTC® Tapered Insert

STYLE	PART #	CUT RANGE	FEATURES	FUEL	
Alfa® style	816.16321ATT 816.16322ATT 816.16323ATT 816.16324ATT 816.16325ATT 816.16326ATT 816.16307ATT 816.16309ATT	3-10 mm 7-5 mm 15-25 mm 25-40 mm 40-60 mm 60-100 mm 100-200 mm 200-250 mm 250-300 mm	TAPERED INSERT	Propane / Natural Gas	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
	816.16320ATT 816.16300ATT	3-100 mm 100-300 mm	OUTER NOZZLE (Use with 816 Series tapered insert)	Propane / Natural Gas	
	816.11301ATT		TORCH CAP (Use with 816 Series com- ponents)	Propane / Natural Gas	





OXWELD®

Tip Part Number = Style + Size (e.g. 1515-8)

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
1501	2, 3, 4, 6, 8, 10, 12	Acetylene	Hand & Straight Line Ma- chine Cutting. Use On Clean Surfaces General Purpose	Light To Medium Preheat 1 Piece Swaged Copper	3.4" / 86.4mm	$ \begin{pmatrix} \circ \\ \circ \\ \circ \end{pmatrix} $	
1502	2, 3, 4, 6, 8, 10, 12	Acetylene	Hand & Machine Cutting General Purpose Poor Or Dirty Surfaces .Machine Cut Irregular Shapes	Medium Preheat 1 Piece	2.8" / 71.1mm		
1505	20, 24, 28	Acetylene	Deseaming -Scarfing	Medium Preheat 1 Piece		ima	nge not available
1511	13, 19, 25	Acetylene	Gouging Removing Defective Welds Grooving Steel Plate Or Castings	Medium Preheat 1 Piece Angled	3.4" / 86.4mm	٥	
1514	28, 31, 47, 52, 60, 80, 100, 120, 140	Acetylene	Machine Cutting, Cutting Bars , Billet And Forging Blanks Low Or Medium Pressure Acetylene	Heavy Preheat 1 Piece	2.8" / 71.1mm	(ن٥٠)	
1563	1/2, 3/4, 1, 1-1/2, 2, 2 1/2, 4, 6, 10, 14	Acetylene	Machine Cutting High Speed Cutting Can Bevel Clean Plate Up To 45 Degree	Heavy Preheat 1 Piece Fuel Saving Features	2.8" / 71.1mm	(°, °, °, °)	
1565	1/8, 1/4, 1/2, 3/4, 1, 1-chrome, 1 1/2, 2, 3, 4, 6, 8	Acetylene	General Purpose Bevel Plate Up To 45 Degree	Medium Preheat 1 Piece Lov Fuel Use	v 2.8" / 71.1mm	(١٥٠١)	

(continued on next page)



Tip Part Number = Style + Size (e.g. 1515-8)

OXWELD®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
1508	24, 28	Propane/ Natural Gas	Hand Use For Scarfing -Deseaming	Medium Preheat 2 Piece Fur- nished With Wearing & Nut		image not available
1515	3, 4, 6, 8, 10, 12, 14, 16, 18, 20	Propane/ Natural Gas	General Purpose Use For Gouging	Medium Preheat 1 Piece Swaged Copper With Re- cessed Front		
1536	19, 25, 31, 40, 43, 47, 52, 60, 80, 100, 120	Propane/ Natural Gas		2-piece		
1540	6, 8, 10, 12, 14, 16, 18, 20	Propane/ Natural Gas		2-piece		image not available
1542	13, 19, 25, 25- S, 10, 12	Propane/ Natural Gas		2-piece		image not available
1551	4, 6, 8, 10, 12, 16, 18, 20	Propane/ Natural Gas		2-piece		image not available
1564	1/2, 1 1/2, 3/4, 1 1/2, 2, 4, 6, 8, 10, 12	Propane/ Natural Gas		1-piece		
	1/8, 1/4, 1/2, 3/4, 1 1/2, 1, 2, 2 1/2, 3, 4, 6, 8, 10, 12, 14, 16	Propane/ Natural Gas	COMPLETE A 1 4500 (2-piece		
1566	for 2-piece tip = 1/8, 1/4, 1/2, 3/4, 1 1/2, 1, 2, 2 1/2, 3, 4, 6, 8, 10, 12, 14, 16	Propane/ Natural Gas	+ COMPLETE e.g. 1566-4-	INTERNAL ONLY		
part number	for internal only =	= STYLE + SIZE	e.g. 1566-4			



Tip Part Number = Style + Size (e.g. 1515-8)

OXWELD® 1534

						OXWELD 1554
STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
1534 (COMPLETE)	2, 3, 4, 6, 8, 10, 12, 14, 16, 20, 22	Propane/ Natural Gas	General Purpose	COMPLETE Medium Preheat 2 Piece	3.3" /83.8mm	
art number for	2-piece tip = ST	YLE + SIZE + (COMPLETE e.g. 1534-4-CO	MPLETE		
1534	2, 3, 4, 6, 8, 10, 12, 14, 16, 20, 22	Propane/ Natural Gas		INTERNAL ONLY		
art number for	internal only = S	STYLE + SIZE	e.g. 1534-4			
14Z38	2, 3, 4	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1534		
is part # used	for above listed	sizes (for style	1534)			
14Z39	6, 8	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1534		
nis part # used	for above listed	sizes (for style	1534)			
14Z77	10, 12	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1534		
nis part # used	for above listed	sizes (for style	1534)			
14Z69 nis part # used	14, 16, 20, 22 for above listed	Propane/ Natural Gas sizes (for style	1534)	EXTERNAL SLEEVE ONLY for style 1534		
639322		Propane/ Natural Gas	External Sleeve For The 1534 Series	EXTERNAL SLEEVE ONLY for style 1534		image not available
						EXTERNAL SLEEVES FOR 1534
STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
114Z07 (998560)	2, 3, 4	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1534		image not available
his part # used	d for above listed	sizes (for style	1534)			
114Z08 (998561)	6, 8	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1534		image not available
•	d for above listed		1534)			
14Z96	10, 12	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1534		image not available

this part # used for above listed sizes (for style 1534)



OXWELD® 1535

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP		
1535 (COMPLETE)	28, 31, 47, 52, 60, 80, 100, 120, 140	Propane/ Natural Gas	Hand & Machine Cutting High Speed Cutting	Medium Preheat 2 Piece	3.4" / 86.4mm	(T)			
part number for	part number for 2-piece tip = STYLE + SIZE + COMPLETE e.g. 1535-28-COMPLETE								
1535	28, 31, 47, 52, 60, 80, 100, 120, 140	Propane/ Natural Gas		INTERNAL ONLY					
part number for	internal only = S		e.g. 1535-28						
14Z38	28 - 52	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1535					
this part # used	for above listed :	sizes (for style	1535)						
14Z39	60 - 80	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1535					
this part # used	for above listed	sizes (for style [•]	1535)						
14Z77	100	Propane/ Natural Gas		EXTERNAL SLEEVE ONLY for style 1535					
this part # used	for above listed s	sizes (for style	1535)						

EXTERNAL SLEEVES FOR 1535

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
114Z07 (998560)	31 - 52	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1535		image not available
this part # used	for above listed s	izes (for style 1535)				
114Z08 (998561)	60 - 80	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1535		image not available
this part # used	for above listed s	izes (for style 1535)				
14Z69	100	Fg-2/ Mpp		EXTERNAL SLEEVE ONLY for style 1535		image not available
this part # used	for above listed s	izes (for style 1535)				



385 **OXWELD**[®]

OXWELD®

STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
0-FH	72, 68, 65, 60, 56, 54, 52, 49, 44	Mapp/Pro- pylene					
0-FS	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Mapp/Pro- pylene	General Purpose	Medium To Heavy 2 Piece Fine Spline	3.3" / 83.8mm		
0-GW	86, 113, 147, 191, 254	Mapp/ Propylene	Hand Use For Gouging & Washing	Heavy Preheat 1 Piece	3.7" / 94.0mm		
0-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Mapp/Pro- pylene	General Purpose	Medium Preheat 1 Piece	3.4 / 86.4mm	••••	
1567 (COMPLETE)	1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 2 1/2, 3, 4, 6, 8, 10, 12, 16, 18, 20	Mapp/Pro- pylene		2 - piece			
1567	1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 2 1/2, 3, 4, 6, 8, 10, 12, 16, 18, 20	Mapp/Pro- pylene		INTERNAL ONLY			

OXWELD® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER	
0-32	1502, 1534, 1505, 1566, 1567	Use standard Oxweld tip nut with this adapter		

See Multi-Use section for selection of tips for your torch.

OXWELD® TIP NUTS

PART #	TORCH STYLE	TIP NUT
33A56	C31 & C32	
PART #	TORCH STYLE	TIP NUT
37Z23	1808	
PART #	TORCH STYLE	TIP NUT
33A34	1427	



386 PUROX®

PUROX®

Tip Part Number = Style + Size (e.g. PFS-72)

PURO)	PUROX®			+ Size (e.g. PFS-72)		
STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH	TIP
4213-14	2, 3, 4, 5, 7, 9, 10, 11, 12, 13	Propane/ Natural Gas	General Purpose	Medium Preheat 2 Piece Cylindral Oxygen Cutting Bore	2.8"/71.1mm	
P-FS	72, 68, 50, 56, 52, 49, 44, 42, 38	Mapp/ Propylene	General Purpose	Medium To Heavy 1 Piece	2.8"/71.1mm	
P-FSP	72, 68, 60, 56, 52, 49, 44, 42, 38	Mapp/ Propylene	General Purpose	Medium To Heavy 2 Piece	2.8"/71.1mm	
4209	4, 7, 9, 11	Acetylene		Medium Preheat Bent Rivet Tip	2.8" / 71.1mm	image not available
4206	3, 4, 5, 7	Acetylene		Light Preheat Drag Tip	2.8" / 71.1mm	image not available
4202	2, 3, 4, 5, 7, 9, 11, 13	Acetylene	Hand cutting attachment general purpose	Medium Preheat 1 Piece	2.9" / 73.7mm	
4203	3, 4, 5, 6, 7, 8, 9, 1, 11, 12, 13	Propane/ Natural Gas	General purpose	Medium Preheat 1 Piece Also Available In 2 Piece For All Sizes	2.9" / 73.7mm	
4208	4, 5, 7, 9, 11			Heavy Preheat 1 Piece	2.9" / 73.7mm	
P-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Mapp/ Propylene	General Purpose	Medium Preheat 1 Piece	2.9" / 73.7mm	
4201	2, 3, 4, 5, 7, 9, 11, 13	Acetylene	General purpose	Light Preheat 1 Piece	2.9" / 73.7mm	· • • • • • • • • • • • • • • • • • • •
4211	5, 7, 9, 11	Propane/ Natural Gas		Medium Preheat 1 Piece	3.875 / 98.46mm	image not available
P-FSC	35, 38, 44, 45, 49, 52, 54, 56, 60, 62, 68, 72	Propylene				
4208	4, 5, 7, 9, 11	Propane/ Natural Gas		Heavy Preheat		



PUROX® / REXARC® (REGO®)

PUROX® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	A	DAPTER	
PE-A	L-Tec, 4202, 4203, 4213, 4214	Use standard Purox nut (PE-N) with this adapter			
				PUROX® TIP NU	TS
PART #	TORCH STYLE	TIP NUT			
902	E				
PE-N	Standard Purox				

Tip Part Number = Style + Size (e.g. KX6-18)

REXARC® (REGO)

	STYLE	SIZES	FUEL	APPLICATION	FEATURES	LENGTH		TIP
	KX6	68, 62, 56, 53, 51, 46, 42, 35, 30, 25, 18	Acetylene	General Purpose	Medium Preheat 1 Piece (6 Holes)	3.0 / 76.2mm		
	150A	65, 62, 56, 53	Acetylene	General Purpose	Light Preheat (3 Hole & 4 Hole) 1 Piece	1.6" / 40.7mm	$\bigcirc \circ \bigcirc$	
	150P	65, 62, 56, 53	Propane	General Purpose	Medium Preheat 2 Piece	1.9" / 48.3mm		
ŀ	(X-105	68, 62, 56, 53, 51, 46, 42, 35, 30, 25, 18	Propane/ Natural Gas	General Purpose	Medium Preheat 2 Piece	3.3" / 83.8mm		
K	X -205	68, 62, 56, 53, 51, 46, 42, 35, 30, 25, 18	Propane/ Natural Gas	Hand & Machine cutting General purpose	Medium Preheat 2 Piece	2.7" / 68.6mm	(3)	
	R-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Марр	Hand & Machine cutting General purpose	Medium Preheat 1 Piece Kx Type	3.0" / 76.2mm		
	R-FS XM-105)	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Марр	Hand & Machine cutting General purpose	Medium To Heavy 2 Piece	3.3" / 83.8mm		

REXARC® (REGO) MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAP	PTER
RKX	KX-6, KX-105	Use standard Rego nut (see tip nuts on next page)		
				(continued on next page)



REXARC® / SAF® / SMITH®

Tip Part Number = Style + Size (e.g. G1-AD-7/10)

REXARC® (REGO) MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER	
CCL	G1-AD, G1-R, G1-T	Use standard Rego nut (see tip nuts below)		
REXARC®	(REGO) TIP NUTS	TIP NUT		
3978-21	KX Old Style			
4278-21	KX New Style			

SAF® EUROPEAN

_	, ,,	<u> </u>					
S	TYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSIONS	TIP
G	i1-AD	7/10, 10/10, 16/10, 20/10, 25/10, 30/10	Acetylene	Hand Cutting	High preheat 1 piece	3.4" / 86.4mm	
	G1-P	7/10, 10/10, 16/10, 20/10, 25/10, 3/8	Propane	Hand Cutting	2 PIECE	3.4" / 86.4M	image not available

SAF® EUROPEAN MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
SAF		Use standard SAF nut	



389 SMITH®

Tip Part Number = Style + Size (e.g. MC-90-00

SMITH®

								SMITH®
STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSIONS		TIP	
MC-90	00, 0, 1, 2, 3, 4	Марр	General Cutting		2.8" / 71 mm	(STORES)	0	
SC-60	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9	Propylene	General Purpose - Hand Cutting		2.8" / 71.1mm		0	
MC 12	00, 0, 1, 2, 3, 4, 5, 6, 7	Acetylene	Hand cutting general purpose cutting 3/16" to 6" plate	Medium Preheat 1 Piece	2.8" / 71.1mm	૽ૢૺ૽		
SC 21	00, 0, 1, 2, 3, 4, 5, 6	Propane/ Natural Gas	Machine cutting high speed	Medium To Heavy 2 Piece	2.9" / 73.7mm		0	
LC 46	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	General purpose	Medium Preheat	3.0" / 76.2mm		O	
MC- P	000, 00, 0 1, 2, 3, 4, 6	Propane/ Propylene			2.9" / 73.7mm		0	
LC-6	00, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	Hand & Machine	Medium	3.0" / 76.2mm			
SC 10	00, 0, 1, 2, 3, 4, 5, 6, 7,	Acetylene	General purpose 1/4" to 4" plate	Light Preheat 1 Piece	3.6" / 91.4mm	•ੇ••	(8)	
SC 12	000, 00, 0, 2, 3, 4, 5, 6, 7	Acetylene	General purpose	Medium Preheat 1 Piece	3.6" / 91.4mm	ۯؙ۫ڹٛ		
SC 13	1, 3, 5	Acetylene	Hand us gouging, cutting V grooves remove old welds	Heavy Preheat 1 Piece	3.6" / 91.4mm	(°°°)		
SC 40	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	General purpose	Medium Preheat 2 Piece	3.6" / 91.4mm		0	
SC 46	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	Hand & machine cutting heavy cutting tip cutting scrap metal	Medium- Heavy Preheat 1 -Piece Recesses Front	3.6" / 91.4mm		0	
SC 50	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Propane/ Natural Gas	Hand & machine cutting heavy cutting tip for steel up to 20"	Heavy Preheat 2 Piece	3.6" / 91.4mm		0	



390 SMITH®

Tip Part Number = Style + Size (e.g. SC-56-00)

STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSION	le e	TIP
S-FS	72, 68, 60, 56, 52, 49, 44, 42, 38, 31	Mapp	General purpose	Medium Preheat 2 Piece Fine Spline			
SC-110	not applicable	Acetylene	Heating		3.6 / 91.4mm	(°°°)	
SC-56	00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9	Acetylene	Heavy Preheat		3.6 / 91.4mm	(°°°)	
SC 90	00, 0, 1, 2, 3, 4, 5, 6	Марр				0	
S-FH	42, 44, 46, 48, 49, 52, 54, 56, 60, 65	Марр					
S-SP	19, 28, 31, 38, 41, 42, 44, 45, 46, 49, 52, 54, 56, 60, 65, 68	Марр				ۯڹؙ	
SC-140	2, 3	Propane/ Natural Gas	General Cutting			in	nage not available
SC-14	2, 3	Acetylene	Rivet Cutting			in	nage not available
SC-17	000, 0, 2	Acetylene	Single Preheat drag tip plate cutting			in	nage not available
SC-2	2, 4, 6	Propane/ Natural Gas	Bent Tip piece General Goughing				
SC-23	3, 5	Propane	Bent Gouging				



391 SMITH® / TANAKA

SMITH® MULTI-USE ADAPTERS

PART #	TORCH STYLE	ADAPTER NUT	,	ADAPTER
SC	SC12, SC50	Use standard Smith tip nut with this adapter		
SLT	LC-6, LC-P	Use standard Smith tip nut with this adapter		

See Multi-Use section for selection of tips for your torch.

SMITH® TIP NUTS

PART #	TORCH STYLE	TIP NUT	
G71-A	LC		
SCG900-41A	SC		

TANAKA®

PART #	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSIONS	TIP
3040G		Propane / Natural gas	General Purpose	Medium preheat 1 piece	2.9" / 73.7mm	
3051		Propane / Natural gas	General Purpose	Medium preheat 2 piece	2.9" / 73.7mm	
P-8		Propane / Natural gas	Marking nozzle	2 piece	2.36" / 60mm	image not available
P-10		Propane / Natural gas	Marking nozzle	2 piece	2.36" / 60mm	image not available



392 VICTOR®

Tip Part Number = Style + Size (e.g. 5-101-00)

VICTOR®

VICTO	r"						
STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSION	S	TIP
5-101	000, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General Purpose	Light To Medium Preheat 1 Piece	1.7" / 43.2mm	(i):	
3-101	000, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General Purpose Deseaming, Gouging, Removing Defective Weld & Rivet Washing	Light To Medium Preheat 1 Piece	1.9" / 48.3mm		
3-200	000, 00, 0, 1, 2, 3, 4,	Propane/ Natural Gas	General Purpose	Medium Preheat 1 Piece	1.9" / 48.3mm		
3 - GPN	000, 00, 01, 2, 3, 4, 5, 6	Propane/ Natural Gas	General Purpose	Medium Preheat 2 Piece	1.9" / 48.3mm		
3V-SP (3-303M)	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Марр	General Purpose	Medium Preheat 1 Piece	1.9" / 48.3mm	000 000 000	
3V-FS (3-GPM)	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28, 19	Mapp	General Purpose	Medium Preheat 2 Piece	2.1" / 48.3mm		
3-118	0, 2, 4	Acetylene	Hand Use	Medium Preheat 1 Piece 35 Degree Angle Tip	2.1" / 53.3mm		
3-MTHN	000, 00, 0, 1, 2, 3, 4, 5	Propane/ Natural Gas	Machine Cutting High Speed For Cutting Up To 10"Plate	Medium Preheat 2 Piece	2.1" / 53.3mm		
3-MTHP (3-MTHM)	000, 00, 0, 1, 2, 3, 4, 5	Марр	Machine Cutting High Speed Up To 10"	Heavy Preheat 2 Piece	2.1" / 53.3mm		
3V-G1 (3-318M)	2, 4-8 Hole, 6, 8-10 hole	Марр	Hand Use Gouging, De- seaming , Rivet Cutting, Removing Defective Metal/ Welds	Medium Preheat 1 Piece 1 Piece Chrome Plated	2.2" / 55.9mm	(°,°,°)	
2V-G1 (1-318M, 1-318MP)	0, 1, 2, 4, 6, 8, 10, 12	Марр	Hand Use Gouging, De- seaming, Rivet Cutting, Removing Defective Welds	Medium Preheat 1 Piece 35 Degree Angle Tip	2.3" / 58.4mm		
2V-SF	72, 68, 60, 56, 52, 49, 44, 4, 2, 38, 31	Mapp	General Purpose	Medium Preheat 2 Piece	2.4" / 61.0mm		



393
VICTOR®

Tip Part Number = Style + Size (e.g. GPM-00)

VICTOR®

							VICTOR®
STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSION	S	TIP
GPM	000, 0, 1, 2, 3, 4, 5, 6, 8, 10, 12	Марр	General Purpose	Medium Preheat 2 Piece	2.4" / 61.0mm		
HPP (HPM)	1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12	Марр	Hand Use Heavy Shell For Scrap Bevel Heavy Preheat Requirements	Heavy Preheat 2 Piece	2.4" / 61.0mm		
1-100	00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene	Hand & Machine Cutting Clean Plate & General Purpose	Light Preheat 1 Piece	2.5" / 63.5mm	:	
1-101	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8	Acetylene	General Purpose	Medium Preheat 1 Piece	2.5" / 63.5mm		
2-210N	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12	Propane/ Natural Gas	Hand & Machine Cutting Scrap Cutting General Purpose	Medium Preheat 2 Piece	2.5" / 63.5mm		
2-210N (GPN)	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12	Propane/ Natural Gas	General Purpose	Medium Preheat 2 Piece	2.5" / 63.5mm		
1-200	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8,	Propane/ Natural Gas	Hand & Machine Cutting General Purpose	Medium To Heavy Preheat 1 Piece	2.5" / 63.5mm		
GPN	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 10, 12	Propane/ Natural Gas	General Purpose Cutting	Medium Preheat 2 Piece	2.5" / 63.5mm		
HPN	1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12	Propane/ Natural Gas	Hand Use For Scarp, Bevel And Heavy Preheat Uses	Heavy Preheat 2 Piece	2.5" / 63.5mm		
2V-SP	72, 68, 60, 56, 52, 49, 44, 42, 38, 31, 28	Марр	General Purpose	Medium Preheat 1 Piece	2.5" / 63.5mm	(°°°) (°°°°) (°°°°)	
MTHP (MTM)	00, 0, 1, 2, 5, 6, 7	Марр	Machine Cutting High Speed Up To 10 "	Heavy Preheat 2 Piece	2.5" / 63.5mm		
MTHN	00, 0, 1, 2, 3, 4, 5, 6, 7	Propane/ Natural Gas	Machine Cutting High Speed	Heavy Preheat 2 Piece	2.5"63.5mm		



394 VICTOR®

Tip Part Number = Style + Size (e.g. 1-118-2)

CT)//-F	CIZEO		A DDL IOATIONO	FF ATURES -	DIMENIOLONIO		TID	
STYLE	SIZES 00, 0, 1, 2, 3, 4,	FUEL Mapp	APPLICATIONS Machine Cutting High Speed	FEATURES Medium To Heavy Preheat	DIMENSIONS 2.5"63.5mm		TIP	
МТНМ	5, 6, 7, 8	Ινιαρμ	Up To 10 "	2 Piece	2.3 03.311111			
1-118	0, 2, 4, 6, 8, 10, 12	Acetylene	Hand Use Gouging, De- seaming, Scarfing, Weld Preparation, Rivet Washing	Medium Preheat	2.7" / 68.6mm	°°° °°°		
1-303M	000, 0, 1, 2, 3, 4, 5, 6, 7, 8	Марр	General Purpose	Medium Preheat 1 Piece		(0,000) (0,000) (0,000)		
1-101L	000, 00, 0, 1, 2, 3, 4, 5, 6	Acetylene	General Purpose 10" Long		10"	ima	ge not available	
1-108	0, 1, 2, 3, 4	Acetylene	Pipe Cutting			image not available		
1-110	00, 0, 1, 2, 3	Acetylene	Drag			image not available		
1-111	00, 0, 1, 2, 3, 4	Acetylene	Trimmers & Rivet			ima	ge not available	
1-112	0, 1, 2, 3, 4	Acetylene	Bent Trimming & Rivet			ima	ge not available	
1-118	0, 2, 4, 6, 8, 10, 12	Acetylene	Bent Goughing					
1-218N	2, 4, 6, 8, 10, 12	Propane/ Natural Gas	Bent Goughing					
1-303MP	00, 0, 1, 2, 3, 4, 5, 6, 8	Mapp/Pro- pane	General Purpose			© ©		
2-285N	190, 250, 312, 375, 437	Propane/ Natural Gas				in	nage not available	



395 VICTOR

Tip Part Number = Style + Size (e.g. 2V-FH-46)

STYLE	SIZES	FUEL	APPLICATIONS	FEATURES	DIMENSIONS		TIP
VBN	3, 4, 5, 6, 8, 10, 12	Propane/ Natural Gas/ Propylene	Scrap Cutting	2 Piece		R	
2V-FH	42, 46, 49, 50, 53, 54, 64, 65, 67, 71	Марр	Machine Cutting				
2V-FS	19, 20, 25, 31, 38, 42, 44, 48, 49, 62, 64, 65, 68, 72	Марр	General Purpose	2 Piece			
3-GPP	000, 00, 0, 1, 2, 3, 4, 5, 6	Марр	General Purpose	2 Piece			
GPML	00, 0, 1, 2, 3, 4	Propylene	General Purpose			i	mage not available
GPP	000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 10	Марр	General Pupose 10 Inch Long				

VICTOR® MULTI-USE ADAPTERS

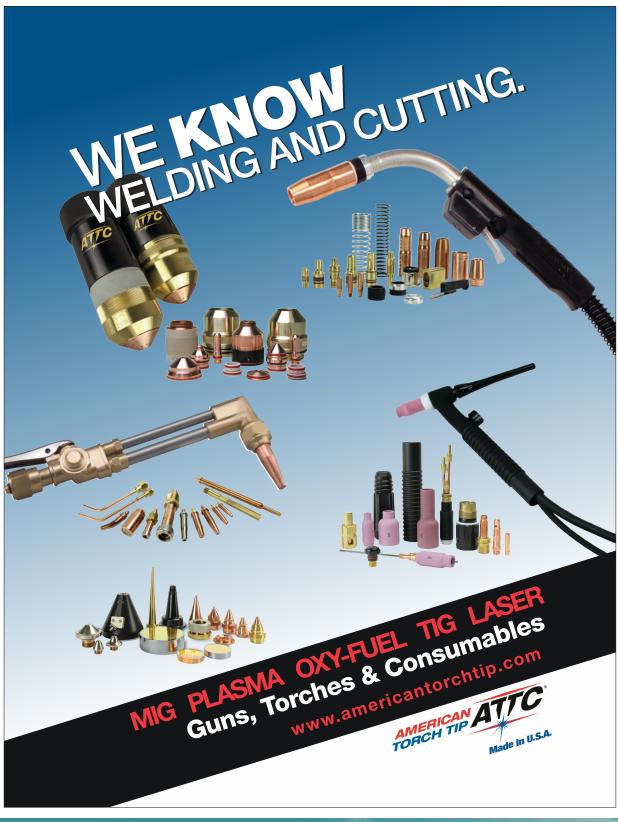
PART #	TORCH STYLE	ADAPTER NUT	ADAPTER
C14	CA-1350 Cutting Attachment 3-101 Series		
V40	CA-2460 Cutting Attachment 3-101 Series	Use standard Victor tip nut with this adapter	

See Multi-Use section for selection of tips for your torch.

VICTOR® TIP NUTS

PART #	TORCH STYLE	TIP NUT
0309-0003	CA-1350 Cutting Attachment 3-101 Series	
0309-0018	CA-2460 Cutting Attachment 1-101 Series	
C-14-N	For use with Multi- Use Adapter 100 Series	







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AMERICAN ATTC

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