

Torches

GENERAL INFORMATION

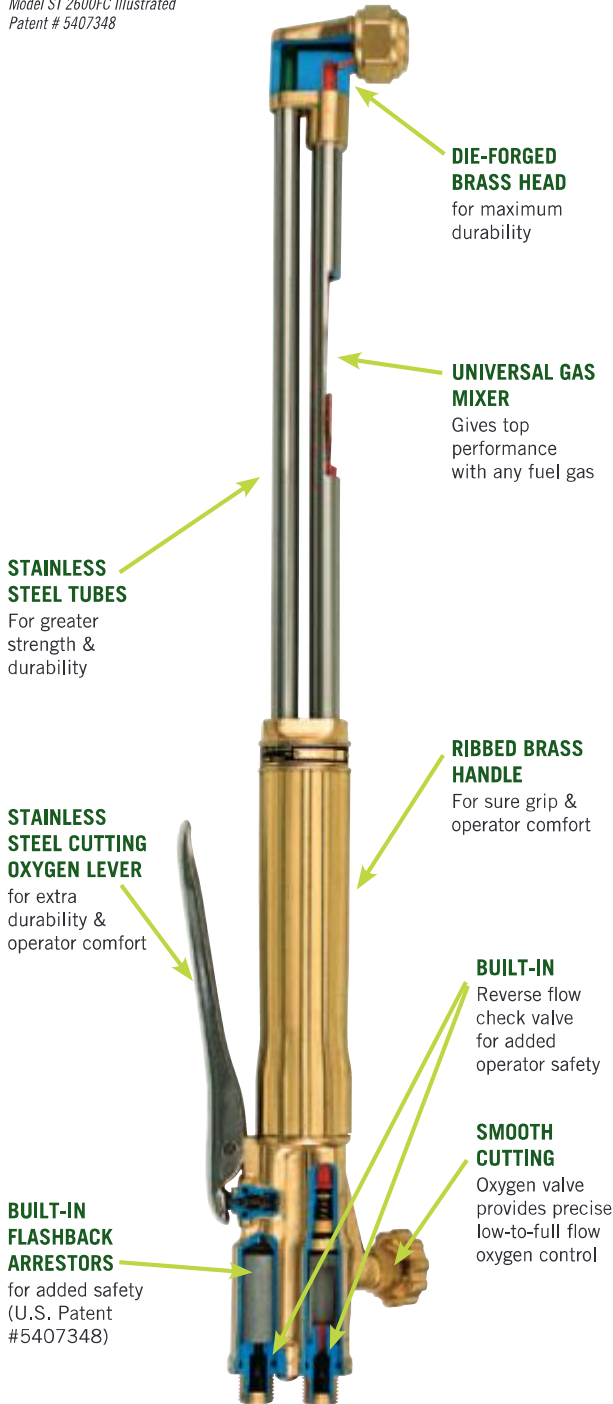
TORCHES

Victor® “Universal Torches”

They combine the spiral and injector mixer principles. The result is a high performance torch that operates on any fuel gas.

Universal torch cutting capacity from 1/8" (3.2 mm) to 8" (203.2 mm).

Model ST 2600FC Illustrated
Patent # 5407348



DIE-FORGED BRASS HEAD
for maximum durability

UNIVERSAL GAS MIXER
Gives top performance with any fuel gas

STAINLESS STEEL TUBES
For greater strength & durability

RIBBED BRASS HANDLE
For sure grip & operator comfort

STAINLESS STEEL CUTTING OXYGEN LEVER
for extra durability & operator comfort

BUILT-IN
Reverse flow check valve for added operator safety

SMOOTH CUTTING
Oxygen valve provides precise low-to-full flow oxygen control

BUILT-IN FLASHBACK ARRESTORS
for added safety (U.S. Patent #5407348)

The high capacity straight torches in this section are designed for heavy cutting applications found in such industries as scrapping, demolition and foundries.

WARNING: USE ADD-ON FLASHBACK ARRESTORS

Although built to Victor's quality and safety standards, due to the cutting capacity and/or design of each torch, flashback arrestors are not manufactured into these Victor Heavy Industry torches.

To reduce the risk of personal injury, death and/or property damage, use sufficient capacity flashback arrestors with all Victor Heavy Industry torch products.

Alternative fuel gas only refers to propane, natural gas, propylene gases. **Acetylene, hydrogen and gasoline are NOT** included as an alternative gas.

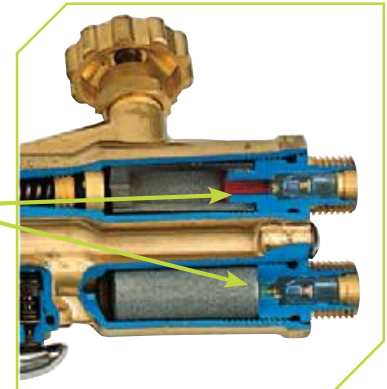
Do you need special length torches?
If you don't see what you need contact
Technical Services

Call: 800-426-1888 or
Fax: 800-535-0557

Reference Heavy Industry Products

Victor welcomes your request for special length torches.

BUILT-IN REVERSE FLOW CHECK VALVE
for added operator safety



MOST VICTOR HAND CUTTING TORCHES
Are equipped with built-in reverse flow check valves & flash arrestors

HC 1500C

Victor® Heavy Industry Three Hose Scrap Straight Cutting Torch

The HC 1500C Series is a three hose design with a 48" cutting capacity and is ideal for heavy steel, scrap cutting. The torch has "C" 7/16"-14 (RH) oxygen connection and standard "B" 9/16"-18 oxygen/fuel preheat connections.

The HC 1500C is manufactured without built-in flashback arrestors. Reverse flow check valves are installed at the inlet connection.

- Three hose connection
- Extra heavy duty
- Cutting capacity 48" (121.9 cm)
- Length: 56" (142.2 cm)
- For use with propane or natural gas
- Not for use with acetylene
- Uses Series 2-285N (two piece) cutting tips
- Special lengths available on request

WARNING: USE ADD-ON FLASHBACK ARRESTORS.

NOT FOR USE WITH ACETYLENE.

Part No.	Model No.	Head Angle	Hose Connection Preheat	Hose Connection Cutting (Oxygen)	Length	Fuel Gas	Cutting Capacity
0381-0444	HC 1500C	180°	"B" 9/16" -18 LH & RH	"C" 7/8" -14 RH	48" (121.9 cm)	Natural Gas and Propane	48" (121.9 cm)
0381-0509	HC 1500C	90°	"B" 9/16" -18 LH & RH	"C" 7/8" -14 RH	84" (213.4 cm)	Natural Gas and Propane	48" (121.9 cm)
0381-0515	HC 1500C	90°	"B" 9/16" -18 LH & RH	"C" 7/8" -14 RH	96" (243.8 cm)	Natural Gas and Propane	48" (121.9 cm)

Uses Series 2-285N (two piece) cutting tips. See chart below

For best performance, use the following recommended equipment:

FLASHBACK ARRESTORS

Gas Service	Part No.	Model	Type
Cutting Oxygen		Not required	
Preheat Oxygen	0657-0076	*FBHC-0	Torch Mount
	0657-0078	FBHC-OR	Regulator Mount

*Torch mount models also protect the hose

REGULATORS

- Cutting Oxygen:
 - ELC4, ESS4-125-540R, ESS7-125-540, SR 700D- 540, or S or L 700D-500/750 line supply
- Preheat Oxygen:
 - ESS4-125-540, SR 450D-540, or S or L 700D-500/750 line supply
- Preheat Fuel:
 - ESS4-125-510LP, SR 461D-510, or S or L 711D-500/750 line supply

HOSES

(Contact local distributor for hose information)

- Cutting Oxygen:
 - 1/2" I.D. with "C" hose (7/16"-14 RH) connections
 - Use T-grade or RM-grade hose
- Preheat Oxygen:
 - 3/8" I.D. with "B" hose (9/16"-18 RH) connections
 - Use T-grade hose
- Preheat Fuel:
 - 3/8" I.D. with "B" hose (9/16"-18 LH) connections
 - Use T-grade hose

2-285N Two Piece Tips – for use with the hc 1500c torches

Part No.	Model No.	Size	Cutting Range	Cutting Orifice Dia.	*Cutting Oxygen (psig)	Cutting Oxygen (SCFH)	Preheat Oxygen (psig)	Preheat Oxygen (SCFH)	*Fuel (psig)	Fuel (SCFH)
0336-0041	2-285N	0.25	14" to 20"	0.25	25/45	1500/2400	25/50	250/400	15/20	60/120
0336-0042	2-285N	0.312	20" to 26"	0.312	25/45	2300/3500	25/50	250/400	15/20	60/120
0336-0043	2-285N	0.375	26" to 34"	0.375	20/40	2300/3900	25/50	250/400	15/20	60/120
0336-0044	2-285N	0.437	34" Over	0.437	20/40	2400/4500	25/50	250/400	15/20	60/120

*Pressure is measured at back of torch when torch is flowing

Oxygen Consumption:

1. Adequate volume required. Dual supplies recommended when using cylinders.
2. When operating from bulk oxygen supply it is recommended that separate oxygen drop stations are used.

Torches

STRAIGHT CUTTING TORCHES

TORCHES



HC 1400 Series

Victor® Heavy Industry Two Hose / High Capacity / Extra Heavy Duty Straight Cutting Torch

The HC 1400 Series is a two hose design with a 30" (76.2 cm) cutting capacity. These torches are high capacity, extra heavy duty cutting torches specifically designed for billet cutting or caster cut-off. Other applications include steel mill scrap cutting, foundry work, and riser removal.

The HC 1400 Series is manufactured without built-in flashback arrestors or reverse flow check valves

- Two hose connection
- Extra heavy duty with lock down lever
- Cutting capacity up to 30" (76.2 cm)
- Standard lengths:
36"(68.6 cm) – 96" (243.8 cm)
- For use with propane or natural gas (not for use with acetylene)
- Uses Series 1, HDNL cutting tips

INLET CONNECTIONS:

- Oxygen: 7/8"-14 RH "C" Hose (with 9/16"-18 RH "B" Hose Adaptor)
- Fuel: 9/16"-18 LH "B" Hose

WARNING: USE ADD-ON FLASHBACK ARRESTORS AND CHECK VALVES.

NOT FOR USE WITH ACETYLENE.

Torch Part No.	Model No.	Head Angle	Length
0381-0771	HC 1411C	75°	27" (68.6 cm)
0381-0774	HC 1431C	75°	36" (91.4 cm)
0381-0773	HC 1430C	90°	36" (91.4 cm)
0381-0775	HC 1432C	180°	36" (91.4 cm)
0381-0776	HC 1450C	90°	48" (121.9 cm)
0381-0777	HC 1451C	75°	48" (121.9 cm)
0381-0778	HC 1452C	180°	48" (121.9 cm)
0381-0782	HC 1460C	90°	60" (152.4 cm)
0381-0783	HC 1461C	75°	60" (152.4 cm)
0381-0784	HC 1462C	180°	60" (152.4 cm)
0381-0779	HC 1470C	90°	72" (182.9 cm)
0381-0780	HC 1471C	75°	72" (182.9 cm)
0381-0781	HC 1472C	180°	72" (182.9 cm)
0381-0785	HC 1490C	90°	96" (243.8 cm)
0381-0787	HC 1492C	180°	96" (243.8 cm)

For best performance, use the following recommended equipment:

FLASHBACK ARRESTORS

Gas Service	Part No.	Model	Type
Oxygen	0657-0076	*FBHC-O	Torch Mount
	0657-0078	FBHC-OR	Regulator Mount
<i>Oxygen flashback arrestors not recommended when using tip sizes: 14-16</i>			
Fuel	0657-0011	*FB-F	Torch Mount
	0657-0015	FB-FR	Regulator Mount

*Torch mount models also protect the hose

HOSES

(Contact local distributor for hose information)

- Oxygen:
 - 1/2" (12.7 mm) I.D. with "C" hose (7/16"-14 RH) connections.
 - Use T-grade or RM hose
- Fuel:
 - 3/8" (9.5 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose

REGULATORS

- Oxygen:
 - ELC4, ESS4-125-540R, ESS7-125-540, SR 700D- 540, or S or L 700D-500/750 line supply
- Fuel:
 - ESS4-125-510LP, SR 461D-510, or S or L 711D-500/750 line supply

One Piece Cutting Tips

Part No.	Model No.	Size	Cutting Ranges		Cutting Orifice Dia.		*Oxygen	Oxygen	*Fuel	Fuel
			in	mm	in	mm	(psig/KPA)	(SCFH/LPM)	(psig/KPA)	(SCFH/LPM)
0330-0547	HDNL	10	18	457.2	0.185	4.70	60-100/441-600	750-1650/4354-789	5-15/35-104	90-120/43-57
0330-0548	HDNL	12	22	558.8	0.221	5.61	60-100 /441-690	1000-1950/472-920	5-15/35-104	130-160/61-76
0330-0549	HDNL	14	26	660.4	0.250	6.35	60-100/441-690	1600-2500/755-1180	15-15/35-104	150-190/71-90
0330-0550	HDNL	**16	30	762.0	0.281	7.14	60-100/441-690	1800-3000/850-1418	5-15/35-104	200-240/94-113

*Flowing pressure at back of torch

**Need 1/2" hose for oxygen



HC 1200C Series

Victor® Heavy Industry High Capacity/Heavy Duty

The HC 1200C Series torches are high capacity, heavy duty cutting torches that have a cutting capacity up to 18" (45.7 cm). These torches are used in a wide variety of heavy industrial applications that include scrapping and demolition.

The HC 1200C is manufactured without built-in flashback arrestors. Revers flow check valves are installed at the inlet connection.

- For use with any fuel gas, 2 psig and above
- Universal mixer
- Cutting capacity 18" (45.7 cm)
- Standard Lengths: 21" (53.3 cm) - 96" (243.8 cm)
- Uses Series 1 cutting tips
- "B" 9/16"-18 hose connections
- Extra length models available upon request
- Lock down lever kit available. Part number: 0307-0062

WARNING: USE ADD-ON FLASHBACK ARRESTORS.

Torch Part No.	Model No.	Head Angle	Length
0381-1402	HC 1200C	90°	21" (53.3 cm)
0381-1403	HC 1201C	75°	21" (53.3 cm)
0381-1404	HC 1202C	180°	21" (53.3 cm)
0381-1405	HC 1230C	90°	36" (91.4 cm)
0381-1406	HC 1231C	75°	36" (91.4 cm)
0381-1407	HC 1232C	180°	36" (91.4 cm)
0381-1408	HC 1250C	90°	48" (121.9 cm)
0381-1432	HC 1250LC*	90°	48" (121.9 cm)
0381-1409	HC 1251C	75°	48" (121.9 cm)
0381-1415	HC 1252C	180°	48" (121.9 cm)
0381-1419	HC 1262C	180°	60" (152.4 cm)
0381-1412	HC 1270C	90°	72" (182.9 cm)
0381-1413	HC 1271C	75°	72" (182.9 cm)
0381-1414	HC 1272C	180°	72" (182.9 cm)
0381-1424	HC 1280C	90°	84" (213.4 cm)
0381-1418	HC 1290C	90°	96" (243.8 cm)

* Locking Lever

For best performance, use the following recommended equipment:

FLASHBACK ARRESTORS

Gas Service	Part No.	Model	Type	Recommended Tip Size
Oxygen	0657-0010	*FB-O	Torch Mount	Up to size: 8
	0657-0014	FB-OR	Regulator Mount	Up to size: 8
	0657-0076	*FBHC-O	Torch Mount/ High Flow	10 and larger
Fuel	0657-0078	FBHC-OR	Regulator Mount/High Flow	10 and larger
	0657-0011	*FB-F	Torch Mount	-
	0657-0015	FB-FR	Regulator Mount	-

*Torch mount models also protect the hose

HOSES

(Contact local distributor for hose information)

- Oxygen:
 - 3/8" (9.5 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose
- Fuel:
 - 3/8" (9.5 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose

REGULATORS

- Oxygen:
 - ELC4, ESS4-125-540R, ESS7-125-540, SR 450D- 540 Cylinder, SR 700D-540 cylinder or L 700D/E-500/750 line supply
- Fuel:
 - ESS4-125-510, SR 461D-510 cylinder, SR 711B/C/D-510 or L 711B/C/D-500/750 line supply

HC 1200C Cutting Tips

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Oxygen		Fuel Pressure		Speed ipm	Kerf Width
		in	mm	psig	SCFH	*psig	SCFH	psig	SCFH		
ACETYLENE (GENERAL PURPOSE TIPS)											
0330-0009	6-L-101	8	203.2	45/55	500/600	-	37/55	7/14	34/50	5/6	0.19
0330-0013	7-L-101	10	254.0	45/55	700/850	-	44/62	10/15	40/56	4/5	0.34
0330-0014	8-L-101	12	304.8	45/55	900/1000	-	53/68	10/15	48/62	3/5	0.41
TIPS FOR DESEAMING, SCARFING, GAUGING, WELD PREPARATION, REMOVING DEFECTIVE WELDS AND WASHING RIVETS											
0330-0114	4-L-118	-	-	40/50	270/320	-	20/33	5/10	18/30	9/12	0.12
0330-0115	6-L-118	-	-	45/55	500/600	-	37/55	7/14	34/50	5/6	0.19
0330-0116	8-L-118	-	-	45/55	900/1000	-	56/68	10/15	48/62	3/5	0.41
MULTI-FLAME HEATING TIPS											
0330-0527	6-MFTA	-	-	-	-	10/15	15/44	8/12	14/40	-	-
0330-0528	8-MFTA	-	-	-	-	20/30	33/88	10/15	30/80	-	-
0330-0523	10-MFTA	-	-	-	-	30/40	44/110	12/15	40/100	-	-
0330-0524	12-MFTA	-	-	-	-	50/60	66/165	12/15	60/150	-	-
NATURAL GAS, PROPANE (GENERAL PURPOSE TIPS)											
0333-0308	6-GPN	8	203.2	55/65	450/500	-	40/220	8/12	20/100	4/6	0.18
0333-0309	7-GPN	10	254.0	55/65	600/700	-	40/220	8/12	20/100	3/5	0.34
0333-0310	8-GPN	12	304.8	60/70	750/850	-	40/220	10/15	20/100	3/4	0.34
TIPS FOR DESEAMING, SCARFING, GOUGING, WELD PREPARATION, REMOVING DEFECTIVE WELDS, WASHING RIVETS											
0330-0178	4-L-128	-	-	45/50	210/250	-	23/108	8/12	16/20	8/11	0.12
0330-0179	6-L-218	-	-	55/65	450/500	-	23/153	10/15	23/35	4/6	0.18
TIPS FOR COARSE SPLINED SCRAP CUTTING - USING NATURAL GAS / PROPANE											
0333-0411	8-CSN	12	304.8	60/70	750/850	-	50/265	10/14	25/120	3/4	0.41
TIPS FOR MILL AND FOUNDRY SCRAP CUTTING UNDER SEVERE CONDITIONS, USE 0309-0025 TIP NUT											
0330-0504	6-HDN	8	203.2	55/65	450/500	-	44/240	8/12	22/110	4/6	0.18
0330-0505	8-HDN	12	304.8	60/70	750/850	-	50/265	10/14	25/120	3/4	0.41
0330-0506	10-HDN	14	355.6	55/65	1000/1200	-	50-265	10/16	25/120	2/4	-
0330-0507	12-HDN	16	406.4	45/55	1150/1350	-	60/290	12/18	30/130	2/3	-
0330-0508	14-HDN	18	457.2	45/55	1300/1500	-	60/290	12/18	30/130	2/3	-
HEAVY PREHEAT TIPS FOR SCRAP, BEVEL & OTHER											
0333-0328	6-HPN	8	203.2	55/65	450/500	-	44/240	8/12	22/110	4/6	0.18
0333-0330	8-HPN	10	254.0	60/70	750/850	-	50/265	10/14	25/120	3/4	0.41
0333-0331	10-HPN	12	304.8	45/55	1000/1200	-	50/265	10/16	25/120	2/4	-
0333-0332	12-HPN	14	355.6	45/55	1150//1350	-	60/290	12/18	30/130	2/3	-
HEAVY WALL SHELL FOR SCRAP, BEVEL & OTHER SEVERE CONDITIONS											
0333-0666	6-HWN	8	203.2	55/65	450/5000	-	44/240	8/12	22/110	4/6	-
0333-0668	8-HWN	10	254.0	60/70	750/850	-	50/265	10/14	25/120	3/4	0.18
0333-0670	10-HWN	12	304.8	45/55	1000/1200	-	50/265	10/16	25/120	2/4	0.41
0333-0671	12-HWN	14	355.6	45/55	1150/1350	-	60/290	12/18	30/130	2/3	-
MULTI-FLAME HEATING TIPS											
0330-0521	10-MFTN	-	-	-	-	10/30	80/320	12/20	20/80	-	-
0330-0522	12/MFTN	-	-	-	-	30/125	120/640	15/25	30/60	-	-

*Preheat oxygen pressure is controlled by cutting oxygen pressure when using cutting tips



Bulldog™ - HC 1100C

Victor® Heavy Industry Scrap Straight Cutting Torch

With Bulldog torches, superior performance and productivity are assured. The low profile head and lightweight design, strength and durability put Bulldog in a class by itself.

The HC 1100C is manufactured without built-in flashback arrestors. Revers flow check valves are installed at the inlet connection

- Patented head and mixer
- Bottom rear lever with pin/clip design
- Specially designed 'supercharged' preheat oxygen valve
- Reduces flame blow-off
- Bottom located valves for right or left hand use
- Threaded inlet connections with integral check valve for ease of repair
- Body designed for high flow applications
- 3 heavy duty tube supports for ultra strength and durability on extra length models
- UltraMix low-pressure mixer specially designed for LP gas
- Sleek low profile head with no protrusions to hinder cutting
- For use with propane and natural gas

BULLDOG TIPS BY VICTOR OFFER A COST EFFECTIVE ALTERNATIVE FOR EFFICIENT SCRAP CUTTING

- For scrap cutting
- Heavy wall - two piece design
- Resists slag build-up
- Available in Victor and Harris® styles

**WARNING: USE ADD-ON FLASHBACK ARRESTORS.
NOT FOR USE WITH ACETYLENE.**

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Overall Length
VICTOR BULLDOG WITH VICTOR HEAD					
0381-1703	HC 1100C	Bottom Rear	1	90°	21" (53.3 cm)
0381-1704	HC 1101C	Bottom Rear	1	75°	21" (53.3 cm)
0381-1709	HC 1130C	Bottom Rear	1	90°	36" (91.4 cm)
0381-1710	HC 1131C	Bottom Rear	1	75°	36" (91.4 cm)
0381-1711	HC 1132C	Bottom Rear	1	180°	36" (91.4 cm)
0381-1712	HC 1150C	Bottom Rear	1	90°	48" (121.9 cm)
0381-1713	HC 1151C	Bottom Rear	1	75°	48" (121.9 cm)
0381-1714	HC 1152C	Bottom Rear	1	180°	48" (121.9 cm)
0381-1716	HC 1161C	Bottom Rear	1	75°	60" (152.4 cm)
0381-1717	HC 1162C	Bottom Rear	1	180°	60" (152.4 cm)
0381-1718	HC 1170C	Bottom Rear	1	90°	72" (182.9 cm)
0381-1719	HC 1171C	Bottom Rear	1	75°	72" (182.9 cm)
0381-1720	HC 1172C	Bottom Rear	1	180°	72" (182.9 cm)
VICTOR BULLDOG WITH SEAT DESIGNED FOR HARRIS® STYLE TIP					
0381-1698	HC 1100C H1	Bottom Rear	1	90°	21" (53.3 cm)
0381-1721	HC 1131C H1	Bottom Rear	1	75°	36" (91.4 cm)
0381-1722	HC 1151C H1	Bottom Rear	1	75°	48" (121.9 cm)
0381-1745	HC 1171C H1	Bottom Rear	1	75°	72" (182.9 cm)

Harris® is a registered trademark of the Lincoln Electric Company



For best performance, use the following recommended equipment:

FLASHBACK ARRESTORS

Gas Service	Part No.	Model	Type	Recommended Tip Size
Oxygen	0657-0010	*FB-O	Torch Mount	Up to size: 8
	0657-0014	FB-OR	Regulator Mount	Up to size: 8
	0657-0076	*FBHC-O	Torch Mount/ High Flow	Size: 10 and larger
	0657-0078	FBHC-OR	Regulator Mount/High Flow	Size: 10 and larger
Fuel	0657-0011	*FB-F	Torch Mount	—
	0657-0015	FB-FR	Regulator Mount	—

*Torch mount models also protect the hose

HOSES

(Contact local distributor for hose information)

- Oxygen:
 - 3/8" (9.53 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose
- Fuel:
 - 3/8" (9.53 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose

REGULATORS

- Oxygen:
 - ELC4, ESS4-125-540R, ESS7-125-540, SR 450D-540, SR 700D-540 cylinder, SR 700E-540 cylinder or L 700D/E-500/750 line supply, LC 350DR 540 liquid cylinder
- Fuel:
 - ESS4-125-510LP, SR 461D-510 cylinder, SR 711B/C/D-510, L 711B/C/D-500/750 line supply

HC 1100C Cutting Tips

Tips for use with Natural Gas and Propane Cutting

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Preheat Oxygen		Fuel Pressure	
		in	mm	psig	SCFH	SCFH	psig	SCFH	
TIPS FOR COARSE SPLINED SCRAP CUTTING – USING NATURAL GAS									
0330-0411	8-CSN	12	304.8	60/70	750/850	50/265	10/14	25/110	
TIPS FOR MILL & FOUNDRY SCRAP CUTTING UNDER SEVERE CONDITIONS, USE O309-0025 TIP NUT									
0330-0504	6-HDN	8	203.2	55/65	450/550	44/240	8/12	22/110	
0330-0505	8-DDN	12	304.8	60/70	750/850	50/265	10/14	25/120	
0330-0506	10-HDN	14	355.6	55/65	1000/1200	50/265	10/16	25/120	
0330-0507	12-HDN	16	406.4	45/55	1150/1350	60/290	12/18	30/130	
0330-0508	14-HDN	18	457.2	45/55	1300/1500	60/290	12/18	30/130	
HEAVY PREHEAT TIPS FOR SCRAP, BEVEL & OTHER									
0333-0328	6-HPN	8	203.2	55/65	450/500	44/240	8/12	22/110	
0333-0330	8-HPN	10	254.0	60/70	750/850	50/265	10/14	25/120	
0333-0331	10-HPN	12	304.8	45/55	1000/12000	50/265	10/16	25/120	
0333-0332	12-HPN	14	355.6	45/55	1150/1350	60/290	12/18	30/130	
HEAVY WALL SHELL FOR SCRAP, BEVEL & OTHER SEVERE CONDITIONS									
0333-0666	6-HWN	8	203.2	55/65	450/500	44/240	8/12	22/110	
0333-0668	8-HWN	10	254.0	60/70	750/850	50/265	10/14	25/120	
0333-0670	10-HWN	12	304.8	45/55	1000/1200	50/265	10/16	25/120	
0333-0671	12-HWN	14	355.6	45/55	1150/1350	60/290	12/18	30/130	

Preheat oxygen pressure is controlled by cutting oxygen pressure when using cutting tips

Tips for use with LP Propane and Natural Gas

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Preheat Oxygen		Fuel Pressure	
		in	mm	psig	SCFH	SCFH	psig	SCFH	
VICTOR STYLE TIPS									
6700C0710	VBN-3	2.5	63.5	40/50	150/200	23/140	6/12	12/65	
6700C0711	VBN-4	3	76.2	40/50	210/250	23/140	6/12	12/65	
6700C0712	VBN-5	5	127.0	45/55	300/360	23/140	6/12	12/65	
6700C0713	VBN-6	8	203.2	55/65	450/500	23/140	6/12	12/65	
6700C0715	VBN-8	10	254.0	60/70	750/850	44/240	10/18	22/110	
6700C0716	VBN-10	12	304.8	45/55	1000/1200	44/240	10/18	22/110	
6700C0717	VBN-12	14	355.6	45/55	1150/1350	44/240	10/18	22/110	
HARRIS® STYLE TIPS									
6700C0723	HBN-3	3	76.2	40/50	210/250	23/140	6/12	12/65	
6700C0724	HBN-4	5	127.0	45/55	300/360	23/140	6/12	12/65	
6700C0725	HBN-5	6.5	165.1	55/65	370/440	23/140	6/12	12/65	
6700C0726	HBN-6	8	203.2	60/70	450/500	23/140	6/12	12/65	

*Preheat oxygen pressure is controlled by cutting oxygen pressure when using cutting tips
Harris® is a registered trademark of the Lincoln Electric Company*

ST 2600FC Series

Heavy Duty Straight Cutting Torch



(for use with all fuel gases with appropriate tip)

- For use with all fuel gas
- Cutting capacity 1/8" (3.2 mm) to 8" (203.2 mm)
- Includes built-in patented flashback arrestors and reverse flow check valves for added safety

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Length
0381-1486	SST 2600FC	Top Rear	1	90°	17" (43.2 cm)
0381-1487	SST 2601FC	Top Rear	1	75°	17" (43.2 cm)
0381-1480	ST 2600FC	Top Rear	1	90°	21" (53.3 cm)
0381-1482	ST 2601FC	Top Rear	1	75°	21" (53.3 cm)
0381-1483	ST 2601FCL*	Top Rear	1	75°	21" (53.3 cm)
0381-1484	ST 2602FC	Top Rear	1	180°	21" (53.3 cm)
0381-1490	ST 2610FC	Top Rear	1	90°	27" (68.6 cm)
0381-1491	ST 2611FC	Top Rear	1	75°	27" (68.6 cm)
0381-1492	ST 2612FC	Top Rear	1	180°	27" (68.6 cm)
0381-1496	ST 2630FC	Top Rear	1	90°	36" (91.4 cm)
0381-1498	ST 2631FC	Top Rear	1	75°	36" (91.4 cm)
0381-1500	ST 2632FC	Top Rear	1	180°	36" (91.4 cm)
0381-1502	ST 2650FC	Top Rear	1	90°	48" (121.9 cm)
0381-1503	ST 2651FC	Top Rear	1	75°	48" (121.9 cm)
0381-1514	ST 2651FCL*	Top Rear	1	75°	48" (121.9 cm)
0381-1504	ST 2652FC	Top Rear	1	180°	48" (121.9 cm)
0381-1515	ST 2652FCL*	Top Rear	1	180°	48" (121.9 cm)
0381-1506	ST 2670FC	Top Rear	1	90°	72" (182.9 cm)
0381-1508	ST 2671FC	Top Rear	1	75°	72" (182.9 cm)
0381-1510	ST 2672FC	Top Rear	1	180°	72" (182.9 cm)

*Locking lever

ST 1000FC Series

Heavy Duty Straight Cutting Torch



(for use with all fuel gases with appropriate tip)

- Cutting capacity 1/8" (3.2 mm) to 5" (127.0 mm)
- Includes built-in patented flashback arrestors and reverse flow check valves for added safety
- Built-in flashback arrestors no need for accessory flash arrestors
- Built-in reverse flow check valves no need for accessory check valves

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Length
0381-1640	SST 1000FC	Bottom Rear	1	90°	17" (43.2 cm)
0381-1642	SST 1001FC	Bottom Rear	1	75°	17" (43.2 cm)
0381-1641	ST 1000FC	Bottom Rear	1	90°	21" (53.3 cm)
0381-1643	ST 1001FC	Bottom Rear	1	75°	21" (53.3 cm)
0381-1644	ST 1030FC	Bottom Rear	1	90°	36" (91.4 cm)
0381-1645	ST 1031FC	Bottom Rear	1	75°	36" (91.4 cm)
0381-1646	ST 1032FC	Bottom Rear	1	180°	36" (91.4 cm)
0381-1647	ST 1050FC	Bottom Rear	1	90°	48" (121.9 cm)
0381-1648	ST 1051FC	Bottom Rear	1	75°	48" (121.9 cm)
0381-1649	ST 1052FC	Bottom Rear	1	180°	48" (121.9 cm)

ST 900FC Series

Heavy Duty Straight Cutting Torch



(for use with all fuel gases with appropriate tip)

- Cutting capacity: 1/8" (3.2 mm) to 5" (127.0 mm)
- Hose connections are 9/16"-18 unless noted
- Includes built-in patented flashback arrestors and reverse flow check valves for added safety
- Built-in flashback arrestors no need for accessory flash arrestors
- Built-in reverse flow check valves no need for accessory check valves

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Length
0381-1620	SST 900FC	Top Rear	1	90°	17" (43.2 cm)
0381-1622	SST 901FC	Top Rear	1	75°	17" (43.2 cm)
0381-1621	ST 900FC	Top Rear	1	90°	21" (53.3 cm)
0381-1623	ST 901FC	Top Rear	1	75°	21" (53.3 cm)
0381-1628	ST 912FC	Top Rear	1	180°	27" (68.6 cm)
0381-1624	ST 930FC	Top Rear	1	90°	36" (91.4 cm)
0381-1625	ST 931FC	Top Rear	1	75°	36" (91.4 cm)
0381-1626	ST 932FC	Top Rear	1	180°	36" (91.4 cm)
0381-1629	ST 950FC	Top Rear	1	90°	48" (121.9 cm)
0381-1630	ST 951FC	Top Rear	1	75°	48" (121.9 cm)
0381-1631	ST 952FC	Top Rear	1	180°	48" (121.9 cm)
0381-1654	ST 972FC	Top Rear	1	180°	72" (182.9 cm)
0381-1685	ST 991FC	Top Rear	1	75°	96" (243.8 cm)

Torches

STRAIGHT CUTTING TORCHES

TORCHES

ST 400C Series

Heavy Duty

(for use with all fuel gases with appropriate tip)

- For use with all fuel gas, 5 psig and above
- Cutting capacity up to 6" (300.0 mm)
- Hose connections are 9/16"-18 unless noted
- Built-in reverse flow check valves no need for accessory check valves

SPECIAL DESIGNED ALLOY MATERIAL:

- 3x the tensile strength of Brass
- Ergonomic, textured, precision contoured handle is designed to reduce operator fatigue and provide better grip
- Durable to withstand tough use and prevention of dents and scratches

INTUITIVE KNOBS:

- Color coded
- Clearly marked lettering with increase/decrease label
- Understandable in any language

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Length
0381-1987	ST 400C	Top Rear	1	90°	21" (53.3 cm)

ST 300FC Series

Heavy Duty

(for use with all fuel gases with appropriate tip)

- For use with all fuel gas, 5 psig and above
- Cutting capacity: 1/8" (3.2 mm) to 5" (127.0 mm)
- Hose connections are 9/16"-18 unless noted
- Includes built-in patented flashback arrestors and reverse flow check valves for added safety
- Built-in flashback arrestors no need for accessory flash arrestors
- Built-in reverse flow check valves no need for accessory check valves

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Length
0381-1917	ST 300FC	Top Rear	1	90°	21" (53.3 cm)

