

Torches

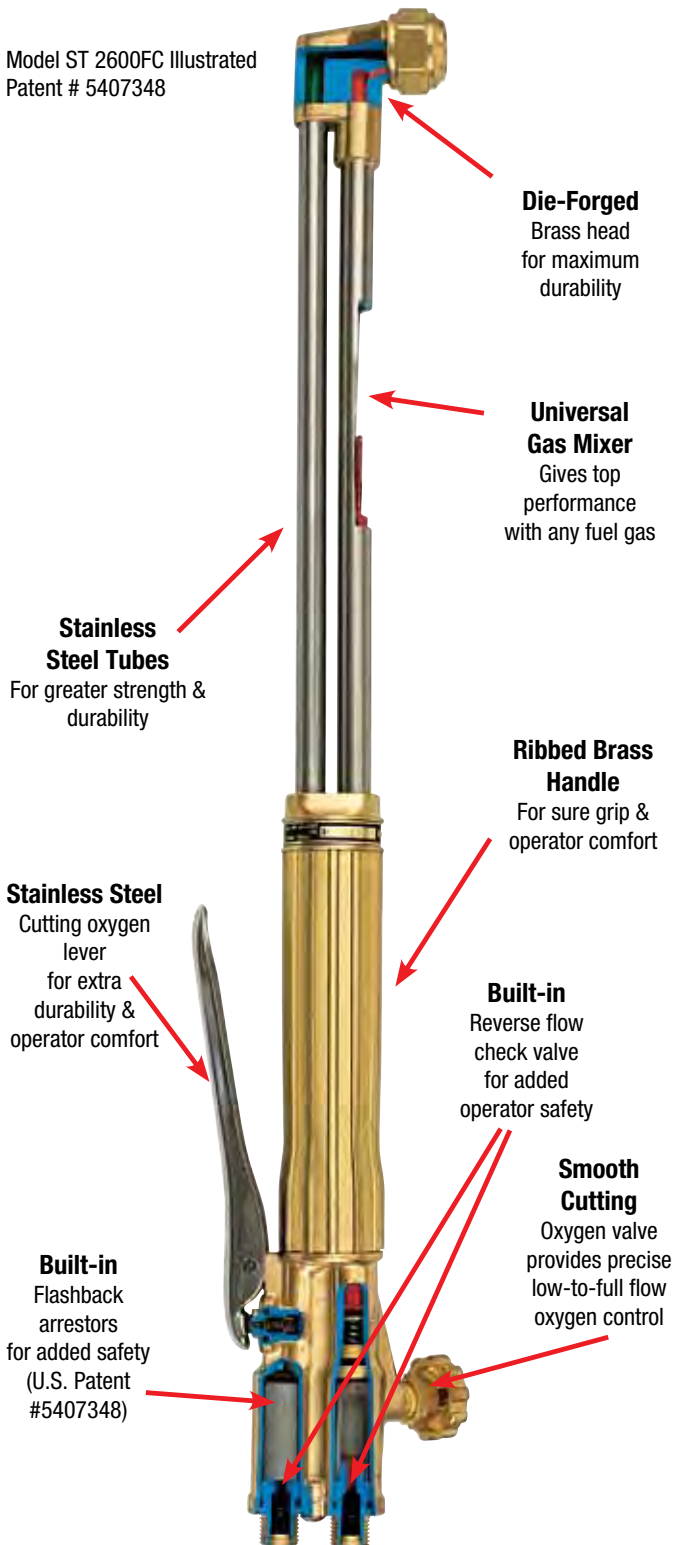
STRAIGHT CUTTING TORCHES

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:

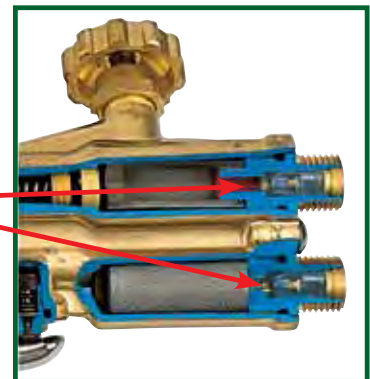
Call 800-426-1888 or

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

Torches

STRAIGHT CUTTING TORCHES



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

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	56" (142.2 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

WARNING: Use add-on flashback arrestors

For best performance, use the following recommended equipment:

Part No.	Model	Type
Flashback Arrestors		
Cutting Oxygen: Not required		
Preheat Oxygen: (Select one of the following)		
0657-0076	*FBHC-0	Torch Mount
0657-0078	FBHC-OR	Regulator Mount
*Torch mount models also protect the hose		
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		
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		

2-285N Two Piece Tips – for use with the HC 1500C torches

Part No.	Model No.	Size	Cutting Range	Cutting Orifice Dia.	*Cutting Oxy (PSIG)	Cutting Oxy (SCFH)	Preheat Oxy (PSIG)	Preheat Oxy (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



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

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

WARNING: Use add-on flashback arrestors and check valves

For best performance, use the following recommended equipment:

Part No.	Model	Type
Flashback Arrestors		
Oxygen: (Select one of the following)		
0657-0077	*FBHC-OC	Torch Mount
0657-0079	FBHC-ORC	Regulator Mount
Oxygen flashback arrestors not recommended when using tip sizes: 14-16		
Fuel: (Select one of the following)		
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" (12.7mm) I.D. with "C" hose (7/16"-14 RH) connections. Use T-grade or RM hose

Fuel: 3/8" (9.5mm) 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 (PSIG/KPA)	Oxygen (SCFH/LPM)	*Fuel (PSIG/KPA)	Fuel (SCFH/LPM)
			in	mm	in	mm				
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

Torches

STRAIGHT CUTTING TORCHES



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
- 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

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:

Part No.	Model	Type	Tip Sizes Recommended for use with each model
Flashback Arrestors			
Oxygen: (Select one of the following)			
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
0657-0078	FBHC-OR	Regulator Mount/High Flow	10 and larger
Fuel: (Select one of the following)			
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 I.P.M.	Kerf Width
		in	mm	PSIG	SCFH	*PSIG	SCFH	PSIG	SCFH		
Acetylene (general purpose tips)											
0330-0009	6-1-101	8	203.2	45/55	500/600	-	37/55	7/14	34/50	5/6	0.19
0330-0013	7-1-101	10	254.0	45/55	700/850	-	44/62	10/15	40/56	4/5	0.34
0330-0014	8-1-101	12	304.8	45/55	900/1000	-	53/68	10/15	48/62	3/5	0.41
Tips for descaling, scarfing, gauging, weld preparation, removing defective welds and washing rivets											
0330-0114	4-1-118	-	-	40/50	270/320	-	20/33	5/10	18/30	9/12	0.12
0330-0115	6-1-118	-	-	45/55	500/600	-	37/55	7/14	34/50	5/6	0.19
0330-0116	8-1-118	-	-	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 descaling, scarfing, gouging, weld preparation, removing defective welds, washing rivets											
0330-0178	4-1-128	-	-	45/50	210/250	-	23/108	8/12	16/20	8/11	0.12
0330-0179	6-1-218	-	-	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

Torches

STRAIGHT CUTTING TORCHES



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

Victor Bulldog with Victor Head

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Overall Length
0381-1703	HC 1100C	Bottom Rear	1	90°	21" (53.3 mm)
0381-1704	HC 1101C	Bottom Rear	1	75°	21" (53.3 mm)
0381-1709	HC 1130C	Bottom Rear	1	90°	36" (91.4 mm)
0381-1710	HC 1131C	Bottom Rear	1	75°	36" (91.4 mm)
0381-1711	HC 1132C	Bottom Rear	1	180°	36" (91.4 mm)
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)

WARNING: Use add-on flashback arrestors

For best performance, use the following recommended equipment:

Part No.	Model	Type	Tip Sizes Recommended for use with each model
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Flashback Arrestors

Oxygen: (Select one of the following)

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: (Select one of the following)

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

Victor Bulldog with Seat Designed for Harris® Style Tip

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Overall Length
0381-1698	HC 1100C H1	Bottom Rear	1	90°	21" (53.3 mm)
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

HC 1100C Cutting Tips

For Use With Natural Gas, 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 0309-0025 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	1000/1200	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

Victor CutSkill Bulldog 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

Bulldog tips by Victor CutSkill 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

Torches

STRAIGHT CUTTING TORCHES

ST 2600FC Series

Heavy Duty Straight Cutting Torch
(for use with all fuel gases)



- For use with any 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)



- 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)



- 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)

Safety Accessories

FLASHBACK ARRESTORS, CHECK VALVES

Flamebuster™ Flashback Arrestors

Flashback arrestors and reverse flow check valves provide additional protection against flashbacks. Victor recommends the use of these devices whenever possible. Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor.

Due to the high flow requirements of Victor Heavy Industry torches, it is important to use flashback arrestors that have sufficient flow capacity.

IT IS IMPORTANT TO UNDERSTAND THE DIFFERENCE BETWEEN REVERSE FLOW CHECK VALVES AND FLASHBACK ARRESTORS.

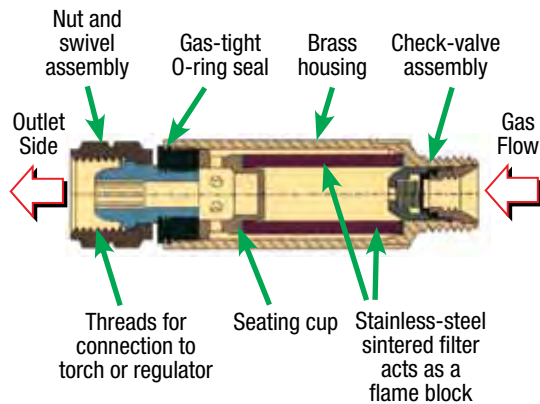
Reverse Flow Check Valves: Helps to prevent the reverse flow of gases from traveling past the check valve.

Flashback Arrestors: Prevents a flame from traveling past the flashback arrestor in the event of a flashback.

Note: The use of both regulator and torch mount flashback arrestors with heavy industry equipment requiring high gas volume is not recommended because it may cause excessive flow restriction. It is always better to place the safety devices at the rear of the torch than at the regulator in order to protect the hose

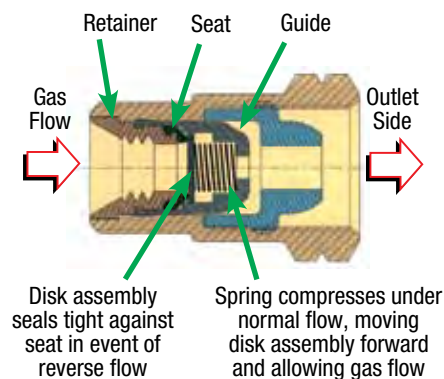
The Flashback Arrestor

Prevents flashback



The Check Valve

Prevents the reverse flow of gases



Safety Accessories

FLASHBACK ARRESTORS, CHECK VALVES

FBHC-0

High Flow
Torch Mount



FBHC-OR

High Flow
Regulator Mount



FBHC-OC

High Flow
Torch Mount



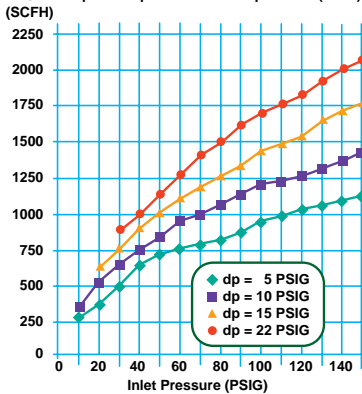
FBHC-ORC

High Flow
Regulator Mount



Flow Chart - FBHC Series Flashback Arrestor

Flow dp = inlet pressure - outlet pressure (PSIG)



Gas	Conversion Factor	Max. Pressure
Acetylene	1.05	15 PSI
Hydrogen	3.79	30 PSI
Mapp	0.82	22 PSI
Methane	1.34	50 PSI
Oxygen	0.95	143 PSI
Propane	0.80	50 PSI

Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor

Flamebuster High Flow Ordering Information

Part No.	Model No.	Gas	Description	Connection
Oxygen – Torch Mount (Torch mount models also protect hose)				
0657-0076	FBHC-0	Oxygen	Torch Mount - High Flow	"B" 9/16"-18 RH (CGA 022)
0657-0077	FBHC-OC	Oxygen	Torch Mount - High Flow	"C" 7/8" - 14 RH (CGA 024)
Oxygen – Regulator Mount				
0657-0078	FBHC-OR	Oxygen	Regulator Mount - High Flow	"B" 9/16" - 18 RH (CGA 022)
0657-0079	FBHC-ORC	Oxygen	Regulator Mount - High Flow	"C" 7/8" - 14 RH (CGA 024)

Flow rates shown in chart are for air. To convert to other gases, multiply the air flow rate by the conversion factor listed. Nothing can take the place of proper equipment operation. Always read, understand and follow the instructions provided with each product.

FB-0

Torch Mount



FB-OR

Regulator Mount



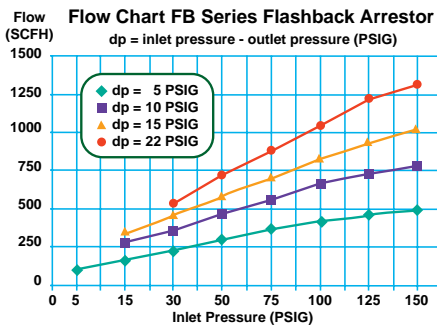
FB-F

Torch Mount



FB-FR

Regulator Mount



Gas	Conversion Factor	Max. Pressure
Acetylene	1.05	15 PSI
Hydrogen	3.79	30 PSI
Methane	1.34	50 PSI
Oxygen	0.95	150 PSI
Propane	0.80	50 PSI

Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrester

Flamebuster Ordering Information

Part No.	Model No.	Gas	Description	Connection
Oxygen - Torch Mount				
0657-0010	FB-0	Oxygen	Torch Mount	"B" 9/16"-18 RH (CGA 022)
Oxygen - Regulator Mount				
0657-0014	FB-OR	Oxygen	Regulator Mount	"B" 9/16"-18 RH (CGA 022)
Fuel - Torch Mount				
0657-0011	FB-F	Fuel	Torch Mount	"B" 9/16"-18 LH (CGA 023)
Fuel - Regulator Mount				
0657-0015	FB-FR	Fuel	Regulator Mount	"B" 9/16"-18 LH (CGA 023)
Pair Packs				
0656-0001	FB-1	Oxy/Fuel	Torch Mount	"B" 9/16"-18 RH/LH (CGA 022 & 023)
0656-0004	FBR-1	Oxy/Fuel	Regulator	"B" 9/16"-18 RH/LH (CGA 022 & 023)

Flow rates shown in chart are for air. To convert to other gases, multiply the air flow rate by the conversion factor listed. Nothing can take the place of proper equipment operation. Always read, understand and follow the instructions provided with each product.