

Victor Torch Handles cover the full range of welding, cutting and heating needs. Choose from patented “VanGuard” or standard models. Performance matched cutting attachments are available for each torch handle series. All torch handles include integral reverse flow check valves (except J-28, J-40).



315FC



315C



HD 310C



100FC



100C



J-100FC



J-100C



J-28

TORCH HANDLE ORDERING INFORMATION

Part Number	Model Number	Description	Hose Connection	Gas
0382-0034	315FC	“VanGuard” Heavy Duty	9/16"-18	All
0382-0017	315C	Standard Heavy Duty	9/16"-18	All
0382-0015	HD310C	Standard Heavy Duty	9/16"-18	All
0382-0014	310C	Standard Heavy Duty	9/16"-18	All
0382-0032	100FC	“VanGuard” Medium Duty	9/16"-18	All
0382-0008	100C	Standard Medium Duty	9/16"-18	All
0382-0042	J-100FC	“VanGuard” Light Duty	9/16"-18	All
0382-0010	J-100C	Standard Light Duty	9/16"-18	All
0382-0127	*J-28	Standard Light Duty	3/8"-24	All

*Packaging Note: Above models box package. Clamshell packaging also available. See price book for details.

Torch Lengths: 310 models — 11"/280mm
 315 models — 9"/230mm
 100 models — 8 1/2"/215mm
 J-28 model — 6"/150mm

* J-28 torch includes accessory reverse flow check valves for regulator use.

A NEW DIMENSION IN OPERATOR SAFETY!
 Victor Torch Handles are available with VanGuard™ safety features:

- Built-In Flashback Arrestors - no need for accessory flash arrestors
- Built-in Reverse Flow Check Valves
- Works with all fuel gases




VanGuard™ Torch Handles are offered in Heavy-Duty (315FC) and Medium-Duty (100FC) models, and available in Victor's most popular outfit models. VanGuard™ Torch Handles also feature Victor Traditional threaded assemblies for quick economical repair if service is necessary.



VICTOR® Welding Nozzles specifications & ordering information

Oxy-Acetylene & Oxy-Hydrogen

WELDING NOZZLE ORDERING INFORMATION



Application Description	Illustration	Type/Model	Size	Part Number
General purpose welding & pre-heating. (Heavy Duty)		W	000	0323-0110
			00	0323-0111
			0	0323-0112
			1	0323-0120
			2	0323-0121
			3	0323-0122
			4	0323-0130
			5	0323-0131
			6	0323-0132
			7	0323-0140
8	0323-0141			
10	0323-0142			
Use with 300 Series torch handles.				
General purpose welding & pre-heating. (Medium Duty)		W-1	000	0324-0068
			00	0324-0069
			0	0324-0070
			1	0324-0071
			2	0324-0072
			3	0324-0073
			4	0324-0074
			5	0324-0075
			6	0324-0076
			7	0324-0077
Use with 100 series torch handles.				
General purpose welding & pre-heating. Long cone flame. (Light Duty)		W-J	000	0325-0081
			00	0325-0082
			0	0325-0083
			1	0325-0084
			2	0325-0085
			3	0325-0086
			4	0325-0087
			5	0325-0088
			6	0325-0089
			7	0325-0090
Use with J series torch handles.				

Note: Other models and sizes available. See Victor Gas Apparatus catalog for details.

Note: Above products box packaged. Clamshell packaging also available. See price book for details.


Oxy-Propane & Oxy-Natural Gas

WELDING NOZZLES ORDERING INFORMATION

Application Description	Illustration	Type/Model	Size	Part Number
General purpose brazing & pre-heating. Long cone flame. Uses TEN tip ends.		RTEN	0	0323-0280
			2	0323-0281
			4	0323-0282
			6	0323-0284
			8	0323-0285
Standard bend nozzle for welding, Brazing & heating. Multi-fuel gas service. Uses replaceable tip ends.		UN	-	0323-0242
			UN-1	0324-0094
			UN-J	0325-0101
			UNN-J	0325-0046

Oxy-Propane & Oxy-Natural Gas Replaceable Tip Ends




TIP ENDS ORDERING INFORMATION

Application Description	Illustration	Type/Model	Size	Part Number
For brazing & silver soldering with propane or natural gas. Use with RTEN nozzle.		TEN	000	0311-0481
			00	0311-0482
			0	0311-0483
			1	0323-0484
			2	0323-0485
			3	0323-0486
			4	0323-0487
			5	0323-0488
6	0323-0585			
8	0323-0586			

VICTOR® Multi-flame Heating Nozzles

Oxy-Acetylene




HEATING NOZZLES ORDERING INFORMATION

Application Description	Illustration	Type/Model	Size	Part Number
Multi-flame heating head for heat treating, straightening, & priming. For use with acetylene or hydrogen. 300 Series torch handles.		MFA	4	0323-0250
			6	0311-0251
			8	0311-0252
			10	0323-0260
			*12	0323-0261
			*15	0323-0262
Same as above except for use with 100 Series torch handle.		MFA-1	2	0324-0108
			4	0324-0109
			6	0324-0110
			8	0324-0111
Same as above except for use with J Series torch handles.		MFA-J	2	0325-0104
			4	0325-0105
			6	0325-0106

Note: Above products box packed. Products also available in clamshell package. See price book for details.

Propane & Natural Gas

HEATING NOZZLES ORDERING INFORMATION


Application Description	Illustration	Type/Model	Size	Part Number
Multi-flame heating head for pre-heating, priming, straightening, etc. For use with natural gas & propane; 300 Series torch handles.		MFN	8	0323-0292
			10	0323-0302
			*12	0323-0303
			*15	0323-0304
			*20	0323-0305
Same as above except for use with 100 Series torch handles.		MFN-1	4	0324-0116
			6	0324-0117
			8	0324-0118
Same as above except for use with J Series torch handles.		MFN-J	6	0325-0118

Note: Above products box packed. Clamshell packaging also available. See price book for details.

Heavy Duty Multi-flame Heating Nozzle

For all fuel gases except acetylene

HEATING NOZZLES ORDERING INFORMATION

Application Description	Illustration	Type/Model	Size	Part Number
High capacity heating head for all fuel gas EXCEPT ACETYLENE. Must use HD310 Series torch handle & 3/8" hose		55	*10	0323-0324
			*15	0323-0325
			*20	0323-0326
			6	0323-0327
			8	0323-0328

Note: Above products box packed. Clamshell packaging also available for most nozzles. See price book for details.

* Use HD 310 torch handle and 3/8" hose.

WARNING: At no time should the withdrawal rate of an individual acetylene cylinder exceed 1/7 of the cylinder contents per hour. If additional flow capacity is required use an acetylene manifold system of sufficient size to supply the necessary volume.

NOTE: Oxygen consumption (SCFH) is 1.1 times acetylene consumption under neutral flame conditions.

Welding Nozzle Data



Welding Nozzle Operational Data/Acetylene
Covers Series W (Heavy Duty), W-1 (Medium Duty)
And W-J (Light Duty) Series

OPERATIONAL & PERFORMANCE DATA						
Metal Thickness		Tip Size	Drill Size	Oxygen (PSIG)	Acetylene (PSIG)	Acetylene (SCFH)
IN	MM					
1/32"	.8	000	75 (.022)	3 / 5	3 / 5	1 / 2
3/64"	1.2	00	70 (.028)	3 / 5	3 / 5	1-1/2 / 3
5/64"	1.9	0	65 (.035)	3 / 5	3 / 5	2 / 4
3/32"	2.4	1	60 (.040)	3 / 5	3 / 5	3 / 6
1/8"	3.2	2	56 (.046)	3 / 5	3 / 5	5 / 10
3/16"	4.8	3	53 (.060)	4 / 7	3 / 6	18 / 18
1/4"	6.4	4	49 (.073)	5 / 10	4 / 7	10 / 25
1/2"	12.7	5	43 (.089)	6 / 12	5 / 8	15 / 35
3/4"	19.0	6	36 (.106)	7 / 14	6 / 9	25 / 45
1 1/4"	32.0	7	30 (.128)	8 / 16	8 / 10	30 / 60
2"	51.0	8	29 (.136)	10 / 19	9 / 12	35 / 75
3"	76.2	10	27 (.144)	12 / 24	12 / 15	50 / 100
4"	102.0	12*	25 (.149)	18 / 28	12 / 15	80 / 160

VICTOR Cutting Attachments

Victor Cutting Attachments are performance matched for each torch handle series.

CUTTING ATTACHMENT ORDERING INFORMATION

CA2460 SERIES - HEAVY DUTY

For use with 310C, & 315FC Series torch handles.
All Fuel Gases

Part Number	Model Number	Cutting Range	Tip Series	Head Angle
0381-0816	CA2460	8"/200mm	1	90°
0381-0817	CA2461	8"/200mm	1	75°
0381-0818	CA2462	8"/200mm	1	180°
0381-0823	CA2470	7"/175mm	3	90°

CA1350 SERIES - MEDIUM DUTY

For use with 100C, & 100FC Series torch handles.
All Fuel Gases

Part Number	Model Number	Cutting Range	Tip Series	Head Angle
0381-0418	CA1350	6"/150mm	3	90°
0381-0420	CA1351	6"/150mm	3	75°
0381-0421	CA1352	6"/150mm	3	180°

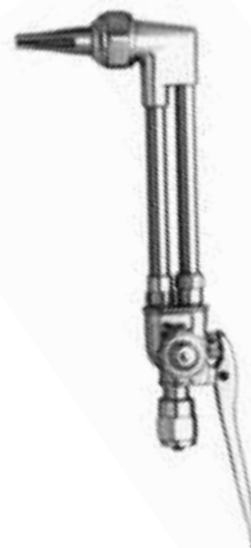
CA1260 SERIES - LIGHT DUTY

For use with J-100, & J-100FC Series torch handles.
All Fuel Gases

Part Number	Model Number	Cutting Range	Tip Series	Head Angle
0381-0162	CA1260	3"/75mm	3	90°



CA 2460/CA 2470



CA 1350/CA 1260