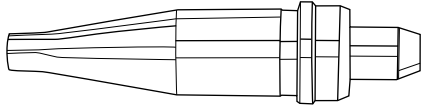


Series 1
TYPE 101



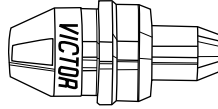
- General purpose
- Medium preheat
- Acetylene



Series 1
TYPE 108



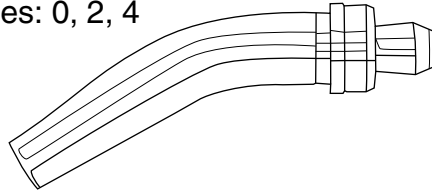
- Boiler tube removal
- Medium preheat
- Acetylene



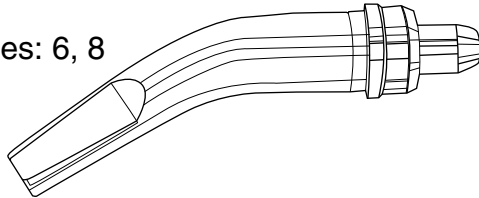
Series 1
TYPE 118

- Gouging, grooving, rivet washing
- Medium preheat
- Acetylene

Sizes: 0, 2, 4



Sizes: 6, 8



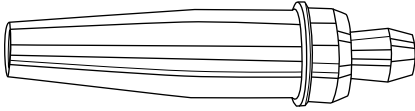
Size	Type 101		Type 108		Type 118	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
000	CS1101 000	6700C2408	-	-	-	-
00	CS1101 00	6700C2409	-	-	-	-
0	CS1101 0	6700C2410	CS1108 0	6700C2990	CS1118 0	6700C2700
1	CS1101 1	6700C2411	CS1108 1	6700C2991	-	-
2	CS1101 2	6700C2412	CS1108 2	6700C2992	CS1118 2	6700C2701
3	CS1101 3	6700C2413	CS1108 3	6700C2993	-	-
4	CS1101 4	6700C2414	CS1108 4	6700C2994	CS1118 4	6700C2702
5	CS1101 5	6700C2415	-	-	-	-
6	CS1101 6	6700C2416	-	-	CS1118 6	6700C2703
7	CS1101 7	6700C2417	-	-	-	-
8	CS1101 8	6700C2418	-	-	CS1118 8	6700C2704

Victor CutSkill

Series 1 TYPE 303MP



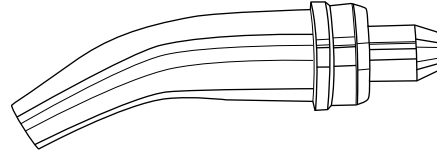
- General purpose
- Medium preheat
- Propylene



Series 1 TYPE 318MP



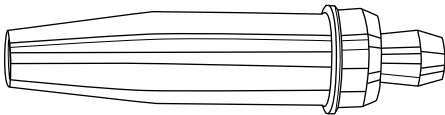
- Gouging, grooving, rivet washing
- Medium preheat
- Propylene



Series 1 TYPE HPP



- Hand & machine cutting
- Heavy preheat
- Propylene

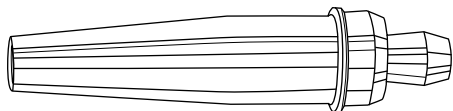


Size	Type 303MP		Type 318MP		Type HPP	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
0	CS1303 MP 0	6700C3037	CS1318 MP 0	6700C2650	-	-
1	CS1303 MP 1	6700C3038	-	-	CSHPP 1	6700C2901
2	CS1303 MP 2	6700C3039	CS1318 MP 2	6700C2651	CSHPP 2	6700C2902
3	CS1303 MP 3	6700C3040	-	-	CSHPP 3	6700C2903
4	CS1303 MP 4	6700C3041	CS1318 MP 4	6700C2652	CSHPP 4	6700C2904
5	CS1303 MP 5	6700C3042	-	-	CSHPP 5	6700C2905
6	CS1303 MP 6	6700C3043	CS1318 MP 6	6700C2653	CSHPP 6	6700C2906
7	-	-	-	-	CSHPP 7	6700C2907
8	-	-	CS1318 MP 8	6700C2654	CSHPP 8	6700C2908

Series 1
TYPE GPP



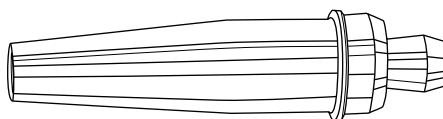
- General purpose
- Two-piece
- Medium preheat
- Propylene



Series 1
TYPE MTHP



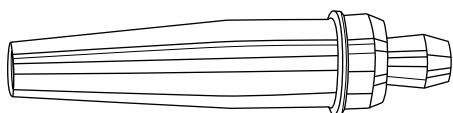
- High speed machine cutting
- Two-piece
- Medium preheat
- Propylene



Series 1
TYPE GPP-P (PLATED)



- General purpose
- Two-piece
- Medium preheat
- Propylene



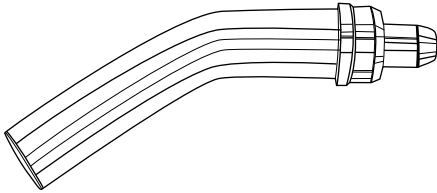
Size	Type GPP		Type GPP-P		Type MTHP	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
000	CSGPP 000	6700C2588	CSGPP-P 000	6700C2948	-	-
00	CSGPP 00	6700C2589	CSGPP-P 00	6700C2949	CSMTHP 00	6700C3119
0	CSGPP 0	6700C2590	CSGPP-P 0	6700C2950	CSMTHP 0	6700C3120
1	CSGPP 1	6700C2591	CSGPP-P 1	6700C2951	CSMTHP 1	6700C3121
2	CSGPP 2	6700C2592	CSGPP-P 2	6700C2952	CSMTHP 2	6700C3122
3	CSGPP 3	6700C2593	CSGPP-P 3	6700C2953	CSMTHP 3	6700C3123
4	CSGPP 4	6700C2594	CSGPP-P 4	6700C2954	CSMTHP 4	6700C3124
5	CSGPP 5	6700C2595	CSGPP-P 5	6700C2955	CSMTHP 5	6700C3125
6	CSGPP 6	6700C2596	CSGPP-P 6	6700C2956	-	-
7	CSGPP 7	6700C2597	CSGPP-P 7	6700C2957	-	-
8	CSGPP 8	6700C2598	CSGPP-P 8	6700C2958	-	-

Victor CutSkill

Series 1 TYPE 218



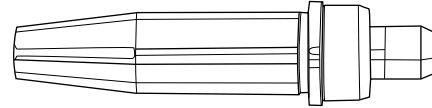
- Gouging, grooving, rivet washing
- Medium preheat
- Natural gas/propane



Series 1 TYPE GPN & GPN-P (PLATED)



- General purpose
- Hand & machine cutting
- Two-piece
- Medium preheat
- Natural gas/propane

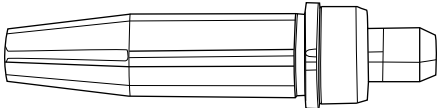


Size	Type 218		Type GPN		Type GPN-P	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
000	-	-	CSGPN 000	6700C2468	CSGPN-P 000	6700C2928
00	-	-	CSGPN 00	6700C2469	CSGPN-P 00	6700C2929
0	-	-	CSGPN 0	6700C2470	CSGPN-P 0	6700C2930
1	-	-	CSGPN 1	6700C2471	CSGPN-P 1	6700C2931
2	-	-	CSGPN 2	6700C2472	CSGPN-P 2	6700C2932
3	-	-	CSGPN 3	6700C2473	CSGPN-P 3	6700C2933
4	CS1218 4	6700C2682	CSGPN 4	6700C2474	CSGPN-P 4	6700C2934
5	-	-	CSGPN 5	6700C2475	CSGPN-P 5	6700C2935
6	CS1218 6	6700C2683	CSGPN 6	6700C2476	CSGPN-P 6	6700C2936
7	-	-	CSGPN 7	6700C2477	CSGPN-P 7	6700C2937
8	CS1218 8	6700C2684	CSGPN 8	6700C2478	CSGPN-P 8	6700C2938

Series 1 TYPE HPN



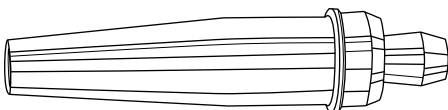
- Hand & machine cutting
- Heavy preheat
- Natural gas/propane



Series 1 TYPE MTHN



- Hand & machine cutting
- Two-piece
- Medium preheat
- Natural gas/propane

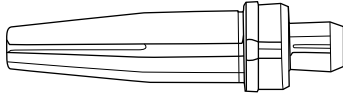


Size	Type HPN		Type MTHN	
	Cat #	Ref #	Cat #	Ref #
00	-	-	CSMTHN 00	6700C3089
0	-	-	CSMTHN 0	6700C3090
1	CSHPN 1	6700C2841	CSMTHN 1	6700C3091
2	CSHPN 2	6700C2842	CSMTHN 2	6700C3092
3	CSHPN 3	6700C2843	CSMTHN 3	6700C3093
4	CSHPN 4	6700C2844	CSMTHN 4	6700C3094
5	CSHPN 5	6700C2845	CSMTHN 5	6700C3095
6	CSHPN 6	6700C2846	CSMTHN 6	6700C3096
7	CSHPN 7	6700C2847	-	-
8	CSHPN 8	6700C2848	-	-
10	CSHPN 10	6700C2849	-	-
12	CSHPN 12	6700C2850	-	-

Series 3
TYPE 101



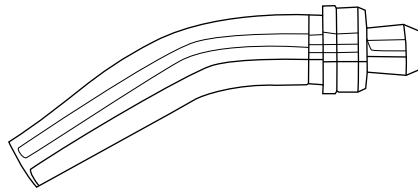
- General purpose
- Medium preheat
- Acetylene



Series 3
TYPE 118



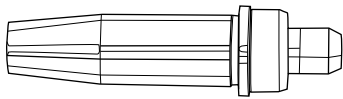
- Gouging, grooving, rivet washing
- Medium preheat
- Acetylene



Series 3
TYPE GPP



- General purpose
- Two-piece
- Medium preheat
- Propylene



Series 3
TYPE GPN



- General purpose
- Two-piece
- Medium preheat
- Natural gas/propane



Size	Type 101		Type 118		Type GPP		Type GPN	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
000	CS3101 000	6700C2438	-	-	CS3GPP 000	6700C2618	CS3GPN 000	6700C2498
00	CS3101 00	6700C2439	-	-	CS3GPP 00	6700C2619	CS3GPN 00	6700C2499
0	CS3101 0	6700C2440	CS31418 0	6700C2730	CS3GPP 0	6700C2620	CS3GPN 0	6700C2500
1	CS3101 1	6700C2441	-	-	CS3GPP 1	6700C2621	CS3GPN 1	6700C2501
2	CS3101 2	6700C2442	CS3118 2	6700C2731	CS3GPP 2	6700C2622	CS3GPN 2	6700C2502
3	CS3101 3	6700C2443	-	-	CS3GPP 3	6700C2623	CS3GPN 3	6700C2503
4	CS3101 4	6700C2444	-	-	CS3GPP 4	6700C2624	CS3GPN 4	6700C2504
5	CS3101 5	6700C2445	-	-	CS3GPP 5	6700C2625	CS3GPN 5	6700C2505

AIRCO® Cutting Tips

Standard Cutting Tips (144, 164)								
Material thickness up to: (in)	1/4	1/2	1	2	2 1/2			
Material thickness up to: (mm)	6	13	25	51	64			
Tip Size	0	1	2	3	4			
Drill Size	64	57	55	53	50			
Oxygen Pressure (PSI)	30	40	50	50	50			
Oxygen Pressure (BAR)	2.1	2.8	3.4	3.4	3.4			
Fuel Pressure (PSI)	4	5	5	5	6			
Fuel Pressure (BAR)	0.29	0.34	0.34	0.34	0.41			
High Speed Machine Cutting Tips (AFH)								
Material thickness up to: (in)	1/4	3/8	3/4	1	2	4	6	10
Material thickness up to: (mm)	6	9	19	25	51	101	152	200
Tip Size	000	00	0	1	1 1/2	2	3	5
Oxygen Pressure (PSI)	70-80	80-90	80-100	80-100	80-100	80-100	80-100	80-100
Oxygen Pressure (BAR)	4.8-5.4	5.5-6.1	6.1-6.8	6.1-6.8	6.1-6.8	6.1-6.8	6.1-6.8	6.1-6.8
Fuel Pressure (PSI)	2-5	3-5	3-5	3-6	3-6	6-10	6-10	9-15
Fuel Pressure (BAR)	0.14-0.34	0.29-0.35	0.20-0.34	0.20-0.41	0.20-0.41	0.27-0.41	0.41-0.68	0.61-1.02

HARRIS® Cutting Tips

Standard Cutting Tips (NX)										
Material thickness up to: (in)	3/16	3/8	5/8	1	2	3	6	8	12	
Material thickness up to: (mm)	4.8	9	16	25	51	76	152	200	305	
Tip Size	000	00	0	2	2	3	4	5	6	
Drill Size	68	64	60	52	52	48	42	35	30	
Oxygen Pressure (PSI)	15-20	20-30	30-40	40-50	40-55	45-60	42	65-80	70-90	
Oxygen Pressure (BAR)	1.02-1.4	1.4-2.1	2.1-2.8	2.8-3.8	2.8-3.8	3.1-4.1	50-75	4.5-5.5	4.8-6.2	
Fuel Pressure (PSI)	LGP Fuels 4 oz. or more; Acetylene 5-15 psig									
Fuel Pressure (BAR)	LGP Fuels 4 oz. or more; Acetylene 5-15 psig									
Gouging/Descaling Tips										
Gouge Width: (in)	1/8-1/4		3/16-3/8			1/4-1/3				
Gouge Width: (mm)	3-6		5-9			6-13				
Tip Model and Size	6290-1GG		6290-2GG			6290-3GG				
Fuel Gas	Propane/Natural Gas/Propylene									
Oxygen Pressure (PSI)	35		50			50				
Oxygen Pressure (BAR)	2.4		3.4			3.4				
Fuel Pressure (PSI)	4 oz. - 2 psig									
Fuel Pressure (BAR)	17 mbar - 0.14 bar									

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SMITH® Cutting Tips

Standard Cutting Tips (SC-12, SC-60)								
Material thickness up to: (in)	3/16	3/8	5/8	11/4	2	4	8	12
Material thickness up to: (mm)	5	9	16	32	51	101	200	305
Tip Size	00	0	1	2	3	4	5	6
Drill Size	68	62	56	54	51	45	41	32
Oxygen Pressure (PSI)	20	30-35	35-40	35-40	40-45	35-50	50-70	70-90
Oxygen Pressure (BAR)	1.4	2.4-2.4	2.4-2.8	2.4-2.8	2.8-3.1	2.4-3.4	3.4-4.8	4.8-6.2
Fuel Pressure (PSI)	10	10	10	10	10	10	10	10
Fuel Pressure (BAR)	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68

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VICTOR Cutting Tips

Standard Cutting Tips												
Material thickness up to: (in)	1/8	1/4	1/2	3/4	11/2	21/2	3	5	10	12	15	18
Material thickness up to: (mm)	3	6	13	19	38	64	76	127	254	305	381	457
Tip Size	000	00	0	1	2	3	4	5	7	8	10	12
Drill Size	70	66	59	56	53	50	45	39	28	20	13	2
Oxygen Pressure (PSI)	20-25	20-25	20-25	30-35	35-45	40-50	40-50	45-55	45-55	45-55	45-55	45-55
Oxygen Pressure (BAR)	1.4-1.7	1.4-1.7	1.7-2.4	2.1-2.4	2.4-3.1	2.8-3.4	2.8-3.4	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8	3.1-3.8
Fuel Pressure (PSI)	3-5	3-5	3-5	3-5	3-7	4-10	5-10	5-13	10-15	10-15	10-16	10-16
Fuel Pressure (BAR)	0.20-0.35	0.20-0.35	0.20-0.35	0.20-0.35	0.20-0.48	0.28-0.69	0.34-0.69	0.34-0.90	0.68-1.02	0.68-1.02	0.68-1.09	0.68-1.09

High Speed Machine Cutting Tips (MTHM, MTHP)							
Material thickness up to: (in)	3/8	3/4	11/2	3	6	8	10
Material thickness up to: (mm)	9	19	38	76	152	200	254
Tip Size	00	0	1	2	3	4	5
Oxygen Pressure (PSI)	85-95	85-95	85-95	85-95	85-95	85-95	85-95
Oxygen Pressure (BAR)	5.8-6.5	5.8-6.5	5.8-6.5	5.8-6.5	5.8-6.5	5.8-6.5	5.8-6.5
Fuel Pressure (PSI)	8 oz. or more						
Fuel Pressure (BAR)	34 mbar or more						
Gouging/De Seaming Tips							
Gouge Width: (in)	1/8-3/16	3/16-1/4	1/4-3/8	3/8-7/16	7/16-1/2		
Gouge Width: (mm)	3-5	5-6	6-9	9-11	11-13		
Size	0	2	4	6	8		
Oxygen Pressure (PSI)	30-50	40-60	40-60	50-70	60-80		
Oxygen Pressure (BAR)	2.0-3.4	2.7-4.1	2.7-4.1	3.4-4.8	4.1-5.4		
Fuel Pressure (PSI)	6-10	8-12	8-12	8-12	8-12		
Fuel Pressure (BAR)	0.41-0.68	0.54-0.82	0.54-0.82	0.54-0.82	0.54-0.82		

Victor CutSkill

Airco® - Style



TYPE 144

- General purpose
- Medium heat
- Acetylene



Airco - Style



TYPE 164

- Special Applications
- Heavy preheat
- Acetylene

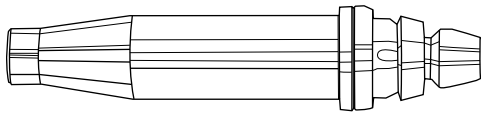


Airco - Style



TYPE 245 (A-FS)

- Two-piece
- Medium preheat
- Propylene



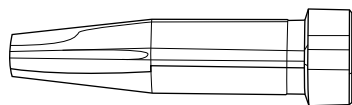
Size	Type 144		Type 164		Type 245	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
0	CS144 0	6700C1010	CS164 0	6700C1040	CS245 0	6700C1140
1	CS144 1	6700C1011	CS164 1	6700C1041	CS245 1	6700C1141
2	CS144 2	6700C1012	CS164 2	6700C1042	CS245 2	6700C1142
3	CS144 3	6700C1013	CS164 3	6700C1043	CS245 3	6700C1143
4	CS144 4	6700C1014	CS164 4	6700C1044	CS245 4	6700C1144

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Harris® - Style 

TYPE 6290

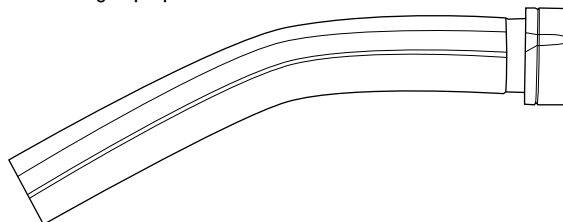
- General purpose
- Medium preheat
- Acetylene



Harris - Style 

TYPE 6290-GG

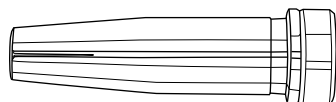
- Gouging, grooving, rivet washing
- Medium preheat
- Natural gas/propane



Harris - Style 

TYPE 6290-NX (PLATED)

- Hand and machine cutting
- Medium preheat
- Natural gas/propane
- Two piece



Size	Type 6290		Type 6290-GG		Type 6290-NX	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
00	CS6290 00	6700C1429	-	-	CS6290NX 00	6700C1509
0	CS6290 0	6700C1430	-	-	CS6290NX 0	6700C1510
1	CS6290 1	6700C1431	CS6290GG 1	6700C1551	CS6290NX 1	6700C1511
2	CS6290 2	6700C1432	CS6290GG 2	6700C1552	CS6290NX 2	6700C1512
3	CS6290 3	6700C1433	CS6290GG 3	6700C1553	CS6290NX 3	6700C1513
4	CS6290 4	6700C1434	-	-	CS6290NX 4	6700C1514
5	CS6290 5	6700C1435	-	-	CS6290NX 5	6700C1515
6	-	-	-	-	CS6290NX 6	6700C1516

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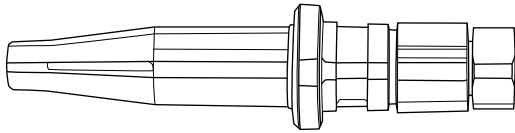
Victor CutSkill

Smith® - Style



SC-12

- General purpose
- Hand & machine cutting
- Medium preheat
- Acetylene

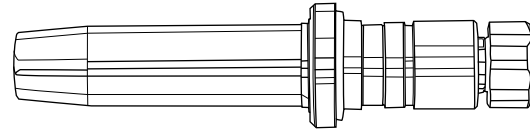


Smith - Style



SC-50

- Special purpose
- Scrap cutting and beveling and other heavy preheat applications
- Heavy preheat
- Natural gas/propane
- Two piece

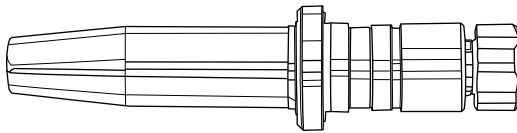


Smith - Style



SC-60

- General purpose
- Hand & machine cutting
- Medium preheat
- Mapp/propylene
- Two piece



Size	Type SC-12		Type SC-50		Type SC-60	
	Cat #	Ref #	Cat #	Ref #	Cat #	Ref #
0	CSSC12 0	6700C2190	CSSC50 0	6700C2250	CSSC60 0	6700C2310
1	CSSC12 1	6700C2191	CSSC50 1	6700C2251	CSSC60 1	6700C2311
2	CSSC12 2	6700C2192	CSSC50 2	6700C2252	CSSC60 2	6700C2312
3	CSSC12 3	6700C2193	CSSC50 3	6700C2253	CSSC60 3	6700C2313
4	CSSC12 4	6700C2194	CSSC50 4	6700C2254	CSSC60 4	6700C2314
5	CSSC12 5	6700C2195	CSSC50 5	6700C2255	-	-
6	-	-	CSSC50 6	6700C2256	-	-

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