




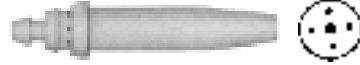






GOSS[®] 
MANUFACTURER OF TORCH TOOLS

“TORCH TIPS”

CUTTING - WELDING - HEATING - BRAZING



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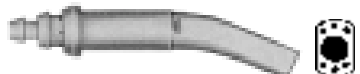





GOSS 		AIRCO/CONCOA Style			GOSS 		
REPLACEMENT TIPS							
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
A-FH	FH-825	HIGH SPEED MAPP-OXYGEN CUTTING 		124	810	GENERAL ACETYLENE-OXYGEN CUTTING 	
STOCK NO.	SIZE			STOCK NO.	SIZE		
0816-2372	72	854-2499	00	0816-2368	68	854-2400	0
0816-2365	65	854-2401	1	0816-2360	60	854-2402	2
0816-2356	56	854-2403	3	0816-2354	54		
0816-2352	52			0816-2349	49		
0816-2344	44			0816-2344	44		
0816-2338	38			0816-2338	38		
Two piece tip for hand or machine cutting. Fits 4700 machine torch. Stinger 345 substitute.							
A-FS (245)	FS-825	CUTTING TIP MAPP-OXYGEN 		138	840	GENERAL ACETYLENE-OXYGEN CUTTING 	
STOCK NO.	SIZE			STOCK NO.	SIZE		
0816-0072	72	854-3899	00	0816-0068	68	854-3800	0
0816-0065	65	854-3801	1	0816-0060	60	854-3802	2
0816-0056	56	854-3803	3	0816-0054	54	854-3804	4
0816-0052	52	854-3806	6	0816-0049	49		
0816-0044	44			0816-0044	44		
0816-0038	38			0816-0038	38		
Two piece tip, standard speed. Stinger 245 substitute.							
A-SP	SP-825	CUTTING TIP MAPP-OXYGEN 		144	820	GENERAL ACETYLENE-OXYGEN CUTTING 	
STOCK NO.	SIZE			STOCK NO.	SIZE		
0856-0072	72	854-4499	00	0856-0068	68	854-4400	0
0856-0065	65	854-4401	1	0856-0060	60	854-4402	2
0856-0056	56	854-4403	3	0856-0054	54	854-4404	4
0856-0052	52	854-4405	5	0856-0049	49	854-4406	6
0856-0044	44	854-4407	7	0856-0044	44	854-4407	7
0856-0038	38	854-4408	8	0856-0038	38	854-4408	8
0856-0031	31	854-4409	9	0856-0031	31	854-4409	9
		854-4410	10				
Standard speed one piece cutting tip.							
45	850	HIGH SPEED ACETYLENE-OXYGEN 		145	860	CUTTING ACETYLENE-OXYGEN 	
STOCK NO.	SIZE			STOCK NO.	SIZE		
813-4500	0	854-4500	0	813-4501	1	854-4501	1
813-4502	2	854-4503	3	813-4503	3		
813-4504	4			813-4504	4		
Light preheat for machine cutting. Fits Airco 4700 machine torch. For larger sizes sub 830.							
Medium preheat. For hand or machine cutting. Fits Airco 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500 torches.							
Medium preheat. For general cutting. Fits Airco style 700 and 2790 torches.							



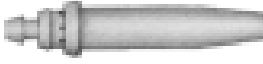


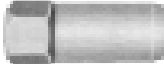






AIRCO/CONCOA Style



REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
164	830	GENERAL CUTTING ACETYLENE-OXYGEN  <p>Very heavy preheat. For general cutting. Also for use in cutting cast iron and stainless steel. Fits Airco 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500 torches.</p>	196	842	RIVET WASHING ACETYLENE-OXYGEN  <p>Heavy preheat. Flared cutting orifice provides large oxygen stream of low velocity for rivet washing. Fits Airco 3700, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500 torches.</p>
STOCK NO. 854-6499 854-6400 854-6401 854-6402 854-6403 854-6404 854-6405 854-6406 854-6407 854-6408 854-6409 854-6410	SIZE 00 0 1 2 3 4 5 6 7 8 9 10		STOCK NO. 854-9608 854-9610 854-9612	SIZE 8 10 12	
183	807	GOUGING ACETYLENE-OXYGEN  <p>Medium preheat for grooving, gouging and removing welds. Fits Airco 3700, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500 torches.</p>	261	875	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS  <p>Two piece tip for hand cutting. Heavy preheat. Fits Airco 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500, 2900 torches.</p>
STOCK NO. 854-8306 854-8308 854-8310 854-8312	SIZE 6 8 10 12		STOCK NO. 813-2610 813-2611 813-2612 813-2613 813-2614 813-2615 813-2617 813-2618 813-2619	SIZE 00 0 1 2 3 4 5 6 7 8 10	
185	807-S	GOUGING ACETYLENE-OXYGEN  <p>Medium preheat for grooving, gouging and removing welds. Fits Airco 3700, 4690, 4700, 4800, 5700, 5800 torches.</p>	263	826	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS  <p>Two piece tip for hand cutting. Medium preheat. Fits Airco 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500, 2900 torches. Stinger 275 substitute.</p>
STOCK NO. 854-8506 854-8508 854-8510	SIZE 6 8 10		STOCK NO. 813-2669 813-2630 813-2631 813-2632 813-2633 813-2635 813-2637	SIZE 00 0 1 2 3 5 7	
195	841	BEVEL CUTTING ACETYLENE-OXYGEN  <p>Medium preheat. One side milled flat. For machine cutting 45° bevel with torch in perpendicular position or for hand cutting rivet heads. Fits Airco 3700, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500 torches.</p>	275	872	GENERAL CUTTING PROPANE OR - OXYGEN NATURAL GAS  <p>Stinger style - two piece design. Hand or machine cutting.</p>
STOCK NO. 854-9501 854-9502 854-9503 854-9504	SIZE 1 2 3 4		STOCK NO. 813-2799 813-2750 813-2751 813-2752 813-2753 813-2754 813-2755 813-2756	SIZE 00 0 1 2 3 4 5 6	

GOSS 		AIRCO/CONCOA Style		GOSS 			
REPLACEMENT TIPS							
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
375	873	HIGH SPEED PROPANE OR - OXYGEN NATURAL GAS  	STOCK NO. 813-3750 813-3751 813-3752 813-3753 813-3754	760	3076	HEATING FUEL GASES-OXYGEN 	Complete with mixer assembly. Fits Airco 750 torch handle.
	SIZE 0 1 2 3 4				STOCK NO. 810-2707 810-2708		
757	857	HEATING FUEL GASES-OXYGEN  	STOCK NO. 811-2032 811-2034 811-2036 811-2038	919	3009	LONG FLAME ACETYLENE OR-OXYGEN MAPP GAS 	Complete tip and mixer for light welding and brazing. Fits Airco 300 and 400 series torches.
	SIZE 12 14 16• 18•				STOCK NO. 810-9191 810-9192 810-9193 810-9195		
91	3051	LONG FLAME ACETYLENE OR-OXYGEN MAPP GAS 	STOCK NO. 810-9112 810-9111 810-9101 810-9102 810-9103 810-9104 810-9105				
	SIZE 00• 0• 1 2 3 4 5						
98	3040	LONG FLAME ACETYLENE OR-OXYGEN MAPP GAS 	STOCK NO. 811-9820 811-9800 811-9801 811-9802 811-9803 811-9804 811-9805 811-9806 811-9807 811-9808				
	SIZE 00• 0• 1 2 3 4 5 6 7 8						
		For medium and light welding and brazing. Fits Airco 300 and 400 series torches with mixer. • Sizes not for use with Mapp gas. 1/4-32 thread.					
		For general welding and brazing. 3/8-20 thread. •Sizes not for use with Mapp gas.					



AIR PRODUCTS Style REPLACEMENT TIPS



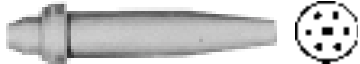
Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
121	1460	<p style="text-align: center;">GENERAL CUTTING ACETYLENE-OXYGEN</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="font-size: small;">Medium preheat. For hand or machine cutting. Fits Air Products 1100, 5200, 5300 torches. 7/16-20 thread.</p>	461	221	<p style="text-align: center;">HEATING TIP PROPANE OR-OXYGEN NATURAL GAS</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="font-size: small;">Tips have 1/2-25 threads.</p>
<p>STOCK NO. U-121020 R-121000 D-121001 5-121002 T-121003 H-121004 9-121005 Y-121006</p>	<p>SIZE 00 0 1 2 3 4 5 6</p>		<p>STOCK NO. 6-4612 X-4613 N-4614 F-4615</p>	<p>SIZE 2 3 4 5</p>	
159	1476	<p style="text-align: center;">GENERAL CUTTING ACETYLENE-OXYGEN</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="font-size: small;">Heavy preheat. For general cutting operations with hand or machine cutting apparatus. Fits Air Products 2200, 2300, 2400, 6200, 6300, 6500 torches.</p>	160	3013	<p style="text-align: center;">WELDING ACETYLENE - OXYGEN</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="font-size: small;">General welding tip. Fits Air Products style 3000 heavy duty torch with mixer. 3/8-20 thread.</p>
<p>STOCK NO. 3-159920 1-159900 K-159901 A-159902 2-159903 P-159904 E-159905 6-159906</p>	<p>SIZE 00 0 1 2 3 4 5 6</p>		<p>STOCK NO. P-1610 Q-1611 H-1612 A-1613 4-1614 U-1615 L-1616</p>	<p>SIZE 0 1 2 3 4 5 6</p>	
231	1485	<p style="text-align: center;">GENERAL CUTTING PROPANE-OXYGEN</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="font-size: small;">Heavy preheat. Two piece tip for both hand and machine cutting. Fits Air Products 2200, 2300, 2400, 6200, 6300, 6500 torches.</p>			
<p>STOCK NO. J-231020 G-231000 5-231001 T-231002 H-231003 9-231004</p>	<p>SIZE 00 0 1 2 3 4</p>				



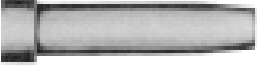

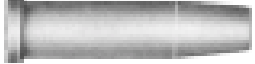

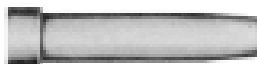











GOSS **CRAFTSMAN Style**
REPLACEMENT TIPS**GOSS** 















Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
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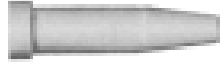

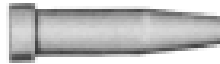

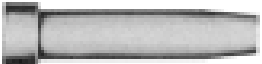

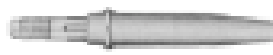

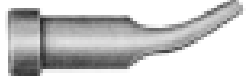



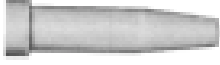



STYLE NO.	GOSS NO.	PRODUCT INFORMATION
9 54431 0-8	3509 0-7	Same as Harris 5090. See Harris section for details.
9 54436 1, 2	1369 1, 2	Same as Harris 3690. See Harris section for details.
9 54441 0-10, 13, 15	3021 0-10, 13, 15	Same as Harris 23-A-90. See Harris section for details.
9 54452 000-4	1304 000-4	Same as Harris 2490. See Harris section for details.
9 54456 000-6	1394 000-6	Same as Harris 2490-NX. See Harris section for details.

GOSS **DOCKSON Style**
REPLACEMENT TIPS**GOSS** 

Style No.	Goss No.	Product Information
C-6	1060	
STOCK NO. C6-0 C6-1 C6-2 C6-3 C6-4 C6-5 C6-6	SIZE 0 1 2 3 4 5 6	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>Medium preheat, for general cutting operations.</p>

GOSS 		HARRIS Style				GOSS 	
REPLACEMENT TIPS							
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
H-FH	FH-1345			2490	1304		
STOCK NO. 0816-2468 0816-2465 0816-2460 0816-2456 0816-2454 0816-2452 0816-2449 0816-2444	SIZE 68 65 60 56 54 52 49 44	HIGH SPEED	MAPP-OXYGEN	STOCK NO. 1500010 1500020 1500030 1500031 1500032 1500033 1500034	SIZE 000 00 0 1 2 3 4	GENERAL CUTTING	ACETYLENE-OXYGEN
		 				 	
		Two piece tip for machine cutting, 6290 style. Fits Harris 98-2 and 98-3 machine torches.				One piece standard speed. Fits Harris 42-3, 62-3, 72, 72A, 73, 73A torches.	
H-FS	FS-1355			2490-NFF	1344		
STOCK NO. 0816-0272 0816-0268 0816-0265 0816-0260 0816-0256 0816-0254 0816-0252 0816-0249 0816-0244	SIZE 72 68 65 60 56 54 52 49 44	GENERAL CUTTING	MAPP-OXYGEN	STOCK NO. 1500090 1500110	SIZE 1 3	GENERAL CUTTING	PROPANE OR -OXYGEN NATURAL GAS
		 				 	
		Two piece standard speed. 6290 style. Fits Harris 42-3, 49AF, 49F, 62-3 torches.				Heavy preheat thrift tip. Fits Harris 42-3, 49AF, 49F, 62-3, 85 torches.	
H-SP	SP-1355			2490-NX	1394		
STOCK NO. 0856-0372 0856-0368 0856-0365 0856-0360 0856-0356 0856-0354 0856-0352 0856-0349 0856-0344 0856-0338 0856-0331	SIZE 72 68 65 60 56 54 52 49 44 38 31	GENERAL CUTTING	MAPP-OXYGEN	STOCK NO. 1500150 1500160 1500170 1500180 1500190 1500200 1500210	SIZE 000 00 0 1 2 3 4	GENERAL CUTTING	PROPANE OR -OXYGEN NATURAL GAS
		 				 	
		One piece standard speed. 6290 style. Fits Harris 42-3, 49AF, 49F, 62-3 torches.				Medium preheat. For general cutting use. Fits Harris 42-3, 49AF, 49F 62-3, 85 series torches.	
2290	221			2490-VVCM	FH-1324		
STOCK NO. 1800130 1800140 1800150 1800160 1800170	SIZE 1 2 3 4 5	HEATING TIP	PROPANE OR -OXYGEN NATURAL GAS	STOCK NO. 1500434 1500437 1500438 1500439 1500441 1500442 1500443 1500444	SIZE 00 1 1 1/2 2 2 1/2 3 4 5	HIGH SPEED	MAPP-OXYGEN
		 				 	
		1/2-25 thread.				Thrift tip. Two piece machine cutting. Fits Harris 98-2 and 98-3 machine torches and 85 series torches.	

GOSS 		HARRIS Style REPLACEMENT TIPS			GOSS 	
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information
2890-F	1320	GENERAL CUTTING ACETYLENE-OXYGEN 		6290-GG	1305	GOUGING PROPANE OR -OXYGEN NATURAL GAS 
STOCK NO. 1500450 1500460 1500470 1500480 1500490 1500500	SIZE 1 2 3 4 5 6			STOCK NO. 1500940 1500950 1900960	SIZE 1 2 3	
3690	1369	GENERAL CUTTING ACETYLENE-OXYGEN 		6290-N	1365	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS 
STOCK NO. 1500660 1500670	SIZE 1 2			STOCK NO. 1500970 1500980 1500990 1501000 1501010	SIZE 000 00 0 1 2 3 4	
6290	1360	GENERAL CUTTING ACETYLENE-OXYGEN 		6290-NFF	1355	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS 
STOCK NO. 1500810 1500820 1500830 1500840 1500850 1500860 1500870	SIZE 000 00 0 1 2 3 4 5 6			STOCK NO. 1501020 1501030 1501040 1501050 1501060 1501070	SIZE 00 0 1 2 3 4 5 6	
6290-G	1300	GOUGING ACETYLENE-OXYGEN 		6290-NH	1345-H	HEAVY CUTTING PROPANE OR -OXYGEN NATURAL GAS 
STOCK NO. 1500910 1500920 1500930	SIZE 1 2 3			STOCK NO. 1501120 1501130 1501140 1501190	SIZE 5 6 7 8	

GOSS 		HARRIS Style				GOSS 	
REPLACEMENT TIPS							
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
6290-NX	1335			6290-VVC	1345		
STOCK NO.	SIZE			STOCK NO.	SIZE		
1501200	000	GENERAL PROPANE OR -OXYGEN CUTTING NATURAL GAS  	Medium preheat. For general cutting use. Fits Harris 42-3, 49AF, 49F, 62-3, 85 torches.	1501310	5/0	HIGH SPEED PROPANE OR -OXYGEN NATURAL GAS  	High speed tips, for use in machine cutting. Fits Harris 98-2 and 98-3 machine torches.
1501210	00			1501320	4/0		
1501220	0			1501330	000		
1501230	1			1501340	00		
1501240	2			1501350	0		
1501250	3			1501360	0 1/2		
1501260	4			1501370	1		
1501270	5			1501380	1 1/2		
1501280	6			1501390	2		
				1501400	2 1/2		
		1501410	3				
		1501420	4				
		1501430	5				
6290-NXM	1328			7490-A	1370		
STOCK NO.	SIZE			STOCK NO.	SIZE		
1501530	000	GENERAL MAPP-OXYGEN CUTTING  	Two piece tip. Fits Harris 42-3, 49AF, 49F, 62-3, 85 torches.	7490-1-A	1	GENERAL ACETYLENE-OXYGEN CUTTING  	Medium preheat, for general cutting operations. Fits Harris 75 torch. Ring No. XP-181.
1501540	00			7490-2-A	2		
1501550	0			7490-3-A	3		
1501560	1						
1501570	2						
1501580	3						
1501590	4						
1501600	5						
1501610	6						
6290-R	1362						
STOCK NO.	SIZE			STOCK NO.	SIZE		
1501290	2	RIVET ACETYLENE-OXYGEN CUTTING  	Hand cutting of bulkheads. Fits Harris 42-3, 62-3, 72, 72A, 73, 73A, 85 torches.	1501780	0	GENERAL PROPANE OR - OXYGEN CUTTING NATURAL GAS  	Heavy preheat, for general cutting with propane and natural gas. Fits Harris 75 torch. Ring No. XP-181.
				1501790	1		
		1501830	5				
6290-S	1363			1390	1313		
STOCK NO.	SIZE			STOCK NO.	SIZE		
1501470	1	HEAVY ACETYLENE-OXYGEN PREHEAT  	General hand and machine cutting. Fits Harris 42-3, 62-3, 72, 72A, 73, 73A, 98-2, 98-3, 85 torches.	1600010	00	GENERAL ACETYLENE-OXYGEN WELDING  	General welding, screw in type tip end only. 3/8-24 thread. For heating tip see MF-116.
1501480	2			1600020	0		
1501490	3			1600030	1		
1501500	4			1600040	2		
1501510	5			1600050	3		
1501520	6			1600060	4		
				1600070	5		
		1600080	6				
		1600090	7				
		1600100	8				
		1600140	9				
		1600150	10				

GOSS **HARRIS Style** **GOSS**

REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
1390-N	1313-N	BRAZING PROPANE OR -OXYGEN NATURAL GAS 	5090	3509	WELDING ACETYLENE-OXYGEN Fits Harris 15-3, 16, 50-5 torches with mixer. 5/16-27 thread.
STOCK NO.	SIZE		STOCK NO.	SIZE	
1600210	5		1601690	0	
1600220	6		1601700	1	
1600230	7		1601710	2	
			1601730	3	
			1601740	4	
			1601760	5	
			1601780	6	
			1601800	7	

Style No.	Goss No.	Product Information	
23-A-90	3021	WELDING ACETYLENE-OXYGEN Tip end only. For general welding. Fits Harris 18-3, 43-2, 63-2, 85 torches with mixer. 23/64-26 thread.	
STOCK NO.	SIZE		
1600840	0		
1600850	1		
1600860	2		
1600870	3		
1600880	4		
1600890	5		
1600900	6		
1600910	7		
1600920	8		
1600930	9		
1600940	10		

GOSS **KOIKE Style** **GOSS**

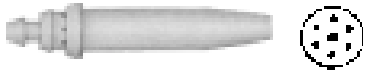


REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
102 102D5 103 103D7		SEE AIRCO 164 - GOSS 830 SEE AIRCO 45 - GOSS 850 SEE AIRCO A-FS - GOSS FS-825 SEE AIRCO A-FH - GOSS FH-825	106 106M		SEE AIRCO 263 - GOSS 826 SEE AIRCO 261 - GOSS 875



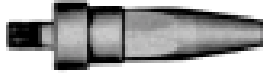









MARQUETTE Style REPLACEMENT TIPS


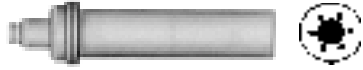







Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
GW-6	1646	GENERAL CUTTING ACETYLENE-OXYGEN  Medium preheat. General hand and scrap cutting. Fits Marquette 20-110 super jet and 21-110 star jet torches.	21	3044	WELDING ACETYLENE-OXYGEN  Fits Marquette 20-100 star jet torch with mixer. 5/16-24 thread.
STOCK NO. 23-200 23-201 23-202 23-203 23-204	SIZE 0 1 2 3 4		STOCK NO. 21-400 21-401 21-402 21-403 21-404 21-405	SIZE 0 1 2 3 4 5	
20	3043	WELDING ACETYLENE-OXYGEN  Fits Marquette 21-100 super jet torch with mixer. 13/32-27 thread.			
STOCK NO. 20-403 20-404 20-405	SIZE 3 4 5				

STYLE NO.	GOSS NO.	PRODUCT INFORMATION
M23108, 09	1369 1,2	Same as Harris 3690. See Harris section for details.
M23114, 15	1360 000-6	Same as Harris 6290. See Harris section for details.
M23214, 15	1363 1-6	Same as Harris 6290-S. See Harris section for details.
M23314, 15	1335 000-6	Same as Harris 6290-NX. See Harris section for details.

GOSS 		MECO Style REPLACEMENT TIPS			GOSS 	
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information
LA	1556			WG	3080	
STOCK NO.	SIZE	GENERAL CUTTING ACETYLENE-OXYGEN   00 0 - 6 One piece. Fits weldmaster, cutmaster, SCA torches.		STOCK NO.	SIZE	WELDING ACETYLENE-OXYGEN  Medium duty welding and brazing. Fits weldmaster torches. 7/16-24 threads.
3510	00			WG-0	0	
3511	0			WG-2	2	
3512	1			WG-4	4	
3513	2			WG-6	6	
3514	3			WG-8	8	
3515	4					
3516	5					
3517	6					
LM	1555					
STOCK NO.	SIZE	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   Two piece. Medium preheat for cutting with propane or natural gas. Fits weldmaster, cutmaster, SCN torches.				
3529	0					
3530	1					
3531	2					
3532	3					
3533	4					
3534	5					
3535	6					
WGH	220					
STOCK NO.	SIZE	HEATING TIP PROPANE OR NATURAL GAS   7/16-20 thread.				
3345	1					
3346	2					
3347	3					
3348	4					
3349	5					
AV	3060					
STOCK NO.	SIZE	WELDING ACETYLENE-OXYGEN  Light duty welding and brazing. Fits aviator torches. 5/16-27 thread.				
AV-00	00					
AV-0	0					
AV-1	1					
AV-2	2					
AV-3	3					
AV-4	4					
AV-5	5					
AV-6	6					
AV-7	7					





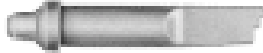





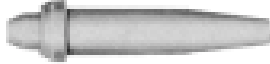

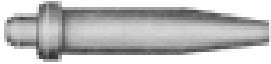

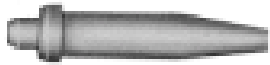

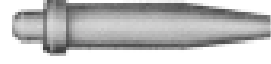





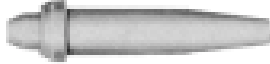

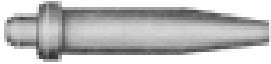

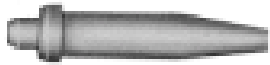

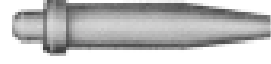

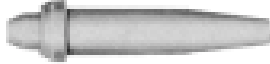

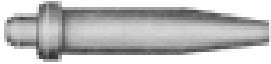

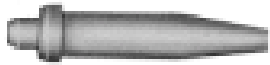

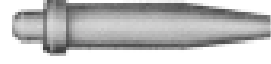

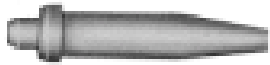

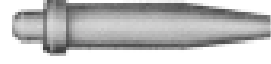

GOSS  **OXWELD/ESAB/L-TEC/LINDE Style** **GOSS** 
REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
O-FH	FH-1735	<p>HIGH SPEED MAPP OR FG-2-OXYGEN</p>  <p>Two piece tip machine cutting. Fits C-39, C-58, C-67 machine torches.</p>	1507	1707	<p>RIVET CUTTING ACETYLENE-OXYGEN</p>  <p>Medium preheat. For rivet piercing and removing rivet heads. Fits CW-23, C-31, C-32, C-66, C-77 hand torches.</p>
<p>STOCK NO. 0816-2672 0816-2668 0816-2665 0816-2660 0816-2656 0816-2654 0816-2652 0816-2649 0816-2644 0816-2638</p> <p>SIZE 72 68 65 60 56 54 52 49 44 38</p>	<p>STOCK NO. 66240</p> <p>SIZE 19</p>				
O-FS	FS-1734	<p>GENERAL MAPP OR FG-2-OXYGEN</p>  <p>Two piece standard speed. Fits CW-23, C-31, C-32, C-66, C-77 hand torches.</p>	1511	1770	<p>GOUGING ACETYLENE-OXYGEN</p>  <p>For gouging, grooving plate edges for welding, removing defects from castings, pad washing. Medium preheat, tip has wear skid. Fits C-31, C-32, C-66, C-77, CW-23 hand torches.</p>
<p>STOCK NO. 0816-0772 0816-0768 0816-0765 0816-0760 0816-0756 0816-0754 0816-0752 0816-0749 0816-0744 0816-0738</p> <p>SIZE 72 68 65 60 56 54 52 49 44 38</p>	<p>STOCK NO. 15X14 15X15 15X16</p> <p>SIZE 13 19 25</p>				
1501	1750	<p>GENERAL CUTTING ACETYLENE-OXYGEN</p>  <p>Light preheat. For hand cutting on clean surfaces. Fits CW-23, C-31, C-32, C-66, C-77 hand torches.</p>	1515	1775	<p>GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS</p>  <p>One piece tip for hand or machine cutting. Fits C-31, CW-23, C-32, C-66, C-77 hand torches, C-39, C-58, C-67 machine torches.</p>
<p>STOCK NO. 13A81 13A82 13A83 13A84 13A85</p> <p>SIZE 4 6 8 10 12</p>	<p>STOCK NO. 08Z88 08Z89</p> <p>SIZE 10 (8") 12 (12")</p>				
1502	1760	<p>GENERAL CUTTING ACETYLENE-OXYGEN</p>  <p>Medium preheat. For hand or machine cutting. Fits CW-32, C-31, C-23, C-66, C-77 hand torches, C-37, C-39, C-58 machine torches.</p>			
<p>STOCK NO. 08Z69 08Z67 15Z17 15Z18 15Z19 15Z20 15Z21</p> <p>SIZE 2 3 (1/4") 4 (1/2") 6 (1 1/2") 8 (4") 10 (8") 12 (12")</p>					

GOSS OXWELD/ESAB/L-TEC/LINDE Style GOSS

REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information	
INTERNAL		INTERNAL General cutting, medium preheat, propane, natural gas, butane-oxygen. Fits CW-23, C-31, C-32, C-66, C-77 hand torches, C-39, C-58, C-67 machine torches.	INTERNAL		INTERNAL Hi-speed cutting, heavy preheat, propane, natural gas, butane-oxygen. Fits CW-39, C-58, C-67 machine torches. EXTERNAL • Other externals for Mapp/FG-2 available on request • See complete tips for Mapp/FG-2 listed in this section.	
1534	1734		1566	1776		
STOCK NO.	SIZE		STOCK NO.	SIZE		
14Z66 14Z50 14Z51 14Z52 14Z53 639228 639229 14Z67 14Z68	2 3 4 6 8 10 12 16 20		639600 639601 639602 639604 639606	1/2" 3/4" 1" 2" 4"		
EXTERNAL		EXTERNAL • Other externals for Mapp/FG-2 available on request. • See complete tips for Mapp/FG-2 listed in this section.	INTERNAL		INTERNAL General cutting, heavy preheat, propane, natural gas, butane-oxygen. Fits CW-23, C-31, C-32, C-66, C-77 hand torches, C-39, C-58, C-67 machine torches.	
14Z38	1738-S		1567	1767		
14Z39	1739-M		STOCK NO.	SIZE		
14Z77	1736-X		639615 639616 639617 639618 639619 639620 998734 998735 998736	1/4" 1/2" 3/4" 1" 2" 3" 4" 8" 12"		
14Z69	1737-H	EXTERNAL		EXTERNAL • Other externals for Mapp/FG-2 available on request. • See complete tips for Mapp/FG-2 listed in this section.		
INTERNAL		INTERNAL Hi-speed cutting, medium preheat, propane, natural gas, butane-oxygen. Fits CW-39, C-58, C-67 machine torches.	INTERNAL		INTERNAL General cutting, heavy preheat, propane, natural gas, butane-oxygen. Fits CW-23, C-31, C-32, C-66, C-77 hand torches, C-39, C-58, C-67 machine torches.	
1535	1735		639322			1763-L
STOCK NO.	SIZE		14Z39			1739-M
14Z56 14Z57 14Z58 14Z59 14Z60 14Z61 14Z64 639230 639461	31 40 43 47 52 60 80 100 120		14Z77	1736-X		
EXTERNAL		EXTERNAL		EXTERNAL • Other externals for Mapp/FG-2 available on request. • See complete tips for Mapp/FG-2 listed in this section.		
14Z38	1738-S	W-17, 22, 26				
14Z39	1739-M	STOCK NO.	SIZE			
14Z77	1736-X	639865 639866 639867 639868	4 6 9 15			
1565	1769	3024		WELDING ACETYLENE-OXYGEN HEATING Complete tip and mixer. Single flame. Size 4 to 70 welding. Size 100-250 heating.		
STOCK NO.	SIZE	GENERAL CUTTING ACETYLENE-OXYGEN				
639263 639264 639265 639266 639267 639268 639269	1/4" 1/2" 3/4" 1" 2" 3" 4"					
One piece low acetylene consumption. Fits CW-23, C-31, C-32, C-66, C-77 hand torches, C-37, C-39, C-58 machine torches.						

		<h1 style="margin: 0;">PUROX/ESAB/LINDE Style</h1> <h2 style="margin: 0;">REPLACEMENT TIPS</h2>																																		
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information																														
P-FS	FS-1955	GENERAL CUTTING MAPP OR FG-2-OXYGEN   Two piece standard speed. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 0816-0972 0816-0968 0816-0965 0816-0960 0816-0956 0816-0954 0816-0952 0816-0949 0816-0944 0816-0938 SIZE 72 68 65 60 56 54 52 49 44 38	4206	1956	DRAG ACETYLENE-OXYGEN   Sheet metal cutting. Fits CW-200, CW-202, Type E, CW-300 torches.																														
							P-SP	SP-1955	GENERAL CUTTING MAPP OR FG-2-OXYGEN   One piece standard tip. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 0856-1172 0856-1168 0856-1165 0856-1160 0856-1156 0856-1154 0856-1152 0856-1149 0856-1144 0856-1131 SIZE 72 68 65 60 56 54 52 49 44 31	4207	1957	GOUGING ACETYLENE-OXYGEN   Grooving and gouging. Fits CW-200, CW-202, Type E, CW-300 torches.					4202	1952	GENERAL CUTTING ACETYLENE-OXYGEN   Medium preheat for general cutting. Fits CW-200, CW-202, Type E torches, C-205 machine torch, CW-300 torches.	STOCK NO. 16K08 16K09 16K10 16K11 16K12 16K13 16K14 SIZE 3 (1/4") 4 (1/2") 5 (1 1/2") 7 (4") 9 (6") 11(10") 13 (12")	4213-14	1955	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   Complete tip, medium preheat. Fits CW-200, CW-202, Type E torches. For Mapp or FG-2 see style P-FS. Fits CW-300 torches.					4203	1965	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   One piece general and scrap cutting. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 16K15 16K16 16K17 16K18 SIZE 4 5 7 9	4216	1916	GENERAL CUTTING FUEL GASES-OXYGEN   One piece. Heavy preheat with acetylene. Medium preheat with Mapp, FG-2, etc. Fits CW-200, CW-202, Type E hand torches, C-205 machine torch, CW-300 torches.	
P-SP	SP-1955	GENERAL CUTTING MAPP OR FG-2-OXYGEN   One piece standard tip. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 0856-1172 0856-1168 0856-1165 0856-1160 0856-1156 0856-1154 0856-1152 0856-1149 0856-1144 0856-1131 SIZE 72 68 65 60 56 54 52 49 44 31	4207	1957	GOUGING ACETYLENE-OXYGEN   Grooving and gouging. Fits CW-200, CW-202, Type E, CW-300 torches.																														
							4202	1952	GENERAL CUTTING ACETYLENE-OXYGEN   Medium preheat for general cutting. Fits CW-200, CW-202, Type E torches, C-205 machine torch, CW-300 torches.	STOCK NO. 16K08 16K09 16K10 16K11 16K12 16K13 16K14 SIZE 3 (1/4") 4 (1/2") 5 (1 1/2") 7 (4") 9 (6") 11(10") 13 (12")	4213-14	1955	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   Complete tip, medium preheat. Fits CW-200, CW-202, Type E torches. For Mapp or FG-2 see style P-FS. Fits CW-300 torches.					4203	1965	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   One piece general and scrap cutting. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 16K15 16K16 16K17 16K18 SIZE 4 5 7 9	4216	1916	GENERAL CUTTING FUEL GASES-OXYGEN   One piece. Heavy preheat with acetylene. Medium preheat with Mapp, FG-2, etc. Fits CW-200, CW-202, Type E hand torches, C-205 machine torch, CW-300 torches.												
4202	1952	GENERAL CUTTING ACETYLENE-OXYGEN   Medium preheat for general cutting. Fits CW-200, CW-202, Type E torches, C-205 machine torch, CW-300 torches.	STOCK NO. 16K08 16K09 16K10 16K11 16K12 16K13 16K14 SIZE 3 (1/4") 4 (1/2") 5 (1 1/2") 7 (4") 9 (6") 11(10") 13 (12")	4213-14	1955	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   Complete tip, medium preheat. Fits CW-200, CW-202, Type E torches. For Mapp or FG-2 see style P-FS. Fits CW-300 torches.																														
							4203	1965	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   One piece general and scrap cutting. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 16K15 16K16 16K17 16K18 SIZE 4 5 7 9	4216	1916	GENERAL CUTTING FUEL GASES-OXYGEN   One piece. Heavy preheat with acetylene. Medium preheat with Mapp, FG-2, etc. Fits CW-200, CW-202, Type E hand torches, C-205 machine torch, CW-300 torches.																							
4203	1965	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS   One piece general and scrap cutting. Fits CW-200, CW-202, Type E, CW-300 torches.	STOCK NO. 16K15 16K16 16K17 16K18 SIZE 4 5 7 9	4216	1916	GENERAL CUTTING FUEL GASES-OXYGEN   One piece. Heavy preheat with acetylene. Medium preheat with Mapp, FG-2, etc. Fits CW-200, CW-202, Type E hand torches, C-205 machine torch, CW-300 torches.																														

GOSS **PUROX/ESAB/LINDE Style** **GOSS**

REPLACEMENT TIPS

Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information
4217	1975	<p style="text-align: center;">INTERNAL</p> <p style="text-align: center;">General cutting, heavy preheat. Propane, natural gas-oxygen.</p>	W-200	3200	<p style="text-align: center;">WELDING ACETYLENE-OXYGEN</p> <p style="text-align: center;">Complete welding tip and mixer. For W-200 torch.</p>
STOCK NO.	SIZE		STOCK NO.	SIZE	
19485	1/4	<p style="text-align: center;">EXTERNAL</p> <p style="text-align: center;">EXTERNAL</p>	06L46	1	<p style="text-align: center;">WELDING ACETYLENE-OXYGEN</p> <p style="text-align: center;">Fits W-300 and W-400 torch. Complete welding tip and mixer.</p>
19486	1/2		639439	2	
19487	1		639440	4	
19488	2		639441	6	
19489	4		639442	9	
19490	6		639443	15	
			639444	30	
			998085	55	
			998086	70	
				3025-N	

GOSS **REGO/REXARC Style** **GOSS**


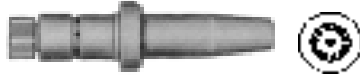


















REPLACEMENT TIPS




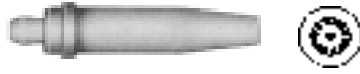

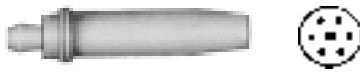



KX6	2132	Product Information	KX105	2135	Product Information
STOCK NO.	SIZE	<p style="text-align: center;">GENERAL ACETYLENE-OXYGEN CUTTING</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p style="text-align: center;">68 62-30</p> <p style="text-align: center;">Medium preheat for hand cutting. Fits KXA, SXA, CWP 9000, 7000, 18000, 8720, 6808, 6912, 6916 torches.</p>	STOCK NO.	SIZE	<p style="text-align: center;">GENERAL PROPANE OR - OXYGEN CUTTING NATURAL GAS</p> <p style="text-align: center;">Two piece hand cutting tip. Fits KXA, SXA, CWP 9000, 7000, 18000, 8720, 6808, 6912, 6916 torches.</p>
KX6-68	68		KX-105-68	68	
KX66-62	62		KX-105-62	62	
KX66-56	56		KX-105-56	56	
KX6-53	53		KX-105-53	53	
KX6-51	51		KX-105-51	51	
KX6-46	46		KX-105-46	46	
KX6-42	42		KX-105-42	42	
KX6-35	35		KX-105-35	35	
KX6-30	30		KX-105-30	30	







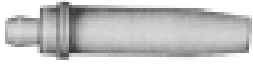

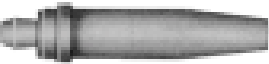









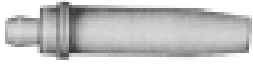

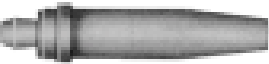



























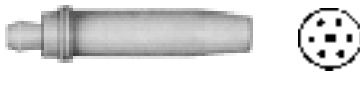













SMITH Style REPLACEMENT TIPS









Style No.	Goss No.	Product Information	Style No.	Goss No.	Product Information																				
LC-6	2260	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>Heavy preheat for fast cutting or rusty, dirty metal. Fits cutting assemblies LC305, LC309. Cutting torches LC445, LC445S, LC449, LC449S, LC625, LC629.</p>	SC-50	2295	<p>GENERAL PROPANE OR -OXYGEN CUTTING NATURAL GAS</p>  <p>Two piece heavy preheat tip for hand and machine cutting. Fits torches Silver Star, Pipe Welders Special (00-5) Tuf-Tony (00-9). Fits machine torches SC770, SC771 (0-6), SC780A, SC781A, SC782A (00-9).</p>																				
<p>STOCK NO. LC0-6 LC1-6 LC2-6 LC3-6 LC4-6</p> <p>SIZE 0 1 2 3 4</p>	<p>STOCK NO. SC50-00 SC50-0 SC50-1 SC50-2 SC50-3 SC50-4 SC50-5 SC50-6 SC50-7 SC50-8 SC50-9</p> <p>SIZE 00 0 1 2 3 4 5 6 7 8 9</p>		MC-12	2272		<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>Medium duty hand cutting. Fits cutting assemblies Pipeliner MC505, MC509, Airliner AC305, AC309.</p>	AW-200	3028	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut. General light duty welding. Fits torches AW1, AW6, AW10.</p>	<p>STOCK NO. MC12-00 MC12-0 MC12-1 MC12-2 MC12-3 MC12-4</p> <p>SIZE 00 0 1 2 3 4</p>	<p>STOCK NO. AW201 AW203 AW205 AW207</p> <p>SIZE 1 3 5 7</p>	S-FS	FS-2295	<p>GENERAL MAPP-OXYGEN CUTTING</p>  <p>SC-90 style two piece tip. Fits cutting assemblies Silver Star, Pipeliner MC409 (72-56). Cutting torches Silver Star, Tuf-Tony (72-44).</p>	MW-200	3027	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut. General medium duty welding. Fits torch MW5.</p>	<p>STOCK NO. 0816-1172 0816-1168 0816-1165 0816-1160 0816-1156 0816-1154 0816-1152 0816-1144</p> <p>SIZE 72 68 65 60 56 54 52 44</p>	<p>STOCK NO. MW-201 MW-202 MW-203 MW-204 MW-205</p> <p>SIZE 1 2 3 4 5</p>	SC-12	2276	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>For hand or machine cutting. Fits Silver Star (000-5), Pipeliner MC409 (000-4). Cutting torches Tuf-Tony, Silver Star (000-7). Machine torches SC770, SC771, SC780A, SC781A, SC782A (000-7).</p>	SW-200	3026	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut, for general and heavy welding and brazing. Fits torches SW1A, SW2.</p>
MC-12	2272	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>Medium duty hand cutting. Fits cutting assemblies Pipeliner MC505, MC509, Airliner AC305, AC309.</p>	AW-200	3028	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut. General light duty welding. Fits torches AW1, AW6, AW10.</p>																				
<p>STOCK NO. MC12-00 MC12-0 MC12-1 MC12-2 MC12-3 MC12-4</p> <p>SIZE 00 0 1 2 3 4</p>	<p>STOCK NO. AW201 AW203 AW205 AW207</p> <p>SIZE 1 3 5 7</p>		S-FS	FS-2295		<p>GENERAL MAPP-OXYGEN CUTTING</p>  <p>SC-90 style two piece tip. Fits cutting assemblies Silver Star, Pipeliner MC409 (72-56). Cutting torches Silver Star, Tuf-Tony (72-44).</p>	MW-200	3027	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut. General medium duty welding. Fits torch MW5.</p>	<p>STOCK NO. 0816-1172 0816-1168 0816-1165 0816-1160 0816-1156 0816-1154 0816-1152 0816-1144</p> <p>SIZE 72 68 65 60 56 54 52 44</p>	<p>STOCK NO. MW-201 MW-202 MW-203 MW-204 MW-205</p> <p>SIZE 1 2 3 4 5</p>	SC-12	2276	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>For hand or machine cutting. Fits Silver Star (000-5), Pipeliner MC409 (000-4). Cutting torches Tuf-Tony, Silver Star (000-7). Machine torches SC770, SC771, SC780A, SC781A, SC782A (000-7).</p>	SW-200	3026	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut, for general and heavy welding and brazing. Fits torches SW1A, SW2.</p>	<p>STOCK NO. SC12-000 SC12-00 SC12-0 SC12-1 SC12-2 SC12-3 SC12-4 SC12-5 SC12-6 SC12-7</p> <p>SIZE 000 00 0 1 2 3 4 5 6 7</p>	<p>STOCK NO. SW201 SW202 SW203 SW204 SW205 SW206</p> <p>SIZE 1 2 3 4 5 6</p>						
S-FS	FS-2295	<p>GENERAL MAPP-OXYGEN CUTTING</p>  <p>SC-90 style two piece tip. Fits cutting assemblies Silver Star, Pipeliner MC409 (72-56). Cutting torches Silver Star, Tuf-Tony (72-44).</p>	MW-200	3027	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut. General medium duty welding. Fits torch MW5.</p>																				
<p>STOCK NO. 0816-1172 0816-1168 0816-1165 0816-1160 0816-1156 0816-1154 0816-1152 0816-1144</p> <p>SIZE 72 68 65 60 56 54 52 44</p>	<p>STOCK NO. MW-201 MW-202 MW-203 MW-204 MW-205</p> <p>SIZE 1 2 3 4 5</p>		SC-12	2276		<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>For hand or machine cutting. Fits Silver Star (000-5), Pipeliner MC409 (000-4). Cutting torches Tuf-Tony, Silver Star (000-7). Machine torches SC770, SC771, SC780A, SC781A, SC782A (000-7).</p>	SW-200	3026	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut, for general and heavy welding and brazing. Fits torches SW1A, SW2.</p>	<p>STOCK NO. SC12-000 SC12-00 SC12-0 SC12-1 SC12-2 SC12-3 SC12-4 SC12-5 SC12-6 SC12-7</p> <p>SIZE 000 00 0 1 2 3 4 5 6 7</p>	<p>STOCK NO. SW201 SW202 SW203 SW204 SW205 SW206</p> <p>SIZE 1 2 3 4 5 6</p>														
SC-12	2276	<p>GENERAL ACETYLENE-OXYGEN CUTTING</p>  <p>For hand or machine cutting. Fits Silver Star (000-5), Pipeliner MC409 (000-4). Cutting torches Tuf-Tony, Silver Star (000-7). Machine torches SC770, SC771, SC780A, SC781A, SC782A (000-7).</p>	SW-200	3026	<p>WELDING ACETYLENE-OXYGEN</p>  <p>With nut, for general and heavy welding and brazing. Fits torches SW1A, SW2.</p>																				
<p>STOCK NO. SC12-000 SC12-00 SC12-0 SC12-1 SC12-2 SC12-3 SC12-4 SC12-5 SC12-6 SC12-7</p> <p>SIZE 000 00 0 1 2 3 4 5 6 7</p>	<p>STOCK NO. SW201 SW202 SW203 SW204 SW205 SW206</p> <p>SIZE 1 2 3 4 5 6</p>																								

GOSS 		VICTOR Style REPLACEMENT TIPS			GOSS 	
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information
GPN	2355	GENERAL PROPANE OR -OXYGEN CUTTING NATURAL GAS  Medium preheat for hand and machine cutting. Fits 2450, CA 1060, CAN 1060, ST, SST, STN, 1400C, machine torches.		MTHN	2367	HI-SPEED PROPANE OR -OXYGEN NATURAL GAS  Machine cutting, two piece. Fits machine torches.
STOCK NO.	SIZE			STOCK NO.	SIZE	
000-GPN	000			00-MTHN	00	
00-GPN	00			0-MTHN	0	
0-GPN	0			1-MTHN	1	
1-GPN	1			2-MTHN	2	
2-GPN	2			3-MTHN	3	
3-GPN	3			4-MTHN	4	
4-GPN	4			5-MTHN	5	
5-GPN	5					
6-GPN	6					
7-GPN	7					
8-GPN	8					
GPP	2359	GENERAL PROPYLENE-OXYGEN CUTTING  Hand or machine cutting. Fits 2450, CA 1060, ST, SST, 1400C, machine torches.		1-101	2360	GENERAL ACETYLENE-OXYGEN CUTTING  Medium preheat for hand and machine cutting. Fits 2460, CA 1060, ST, SST, 1400C, machine torches.
STOCK NO.	SIZE			STOCK NO.	SIZE	
0-GPP	0			000-1-101	000	
1-GPP	1			00-1-101	00	
2-GPP	2			0-1-101	0	
3-GPP	3			1-1-101	1	
4-GPP	4			2-1-101	2	
5-GPP	5			3-1-101	3	
				4-1-101	4	
				5-1-101	5	
				6-1-101	6	
				7-1-101	7	
				8-1-101	8	
HPN	2365	SCRAP PROPANE OR -OXYGEN CUTTING NATURAL GAS  Scrap cutting, beveling and piercing. Fits 2450, CA 1060, CAN 1060, ST, SST, STN, 1400C machine torches.		1-108	2358	BOILER TIP ACETYLENE-OXYGEN  For boiler tube removal. Fits 2460, CA 1060, ST, SST, 1400C torches.
STOCK NO.	SIZE			STOCK NO.	SIZE	
1-HPN	1			0-1-108	0	
2-HPN	2			1-1-108	1	
3-HPN	3			2-1-108	2	
4-HPN	4			3-1-108	3	
5-HPN	5			4-1-108	4	
6-HPN	6					
7-HPN	7					
8-HPN	8					
HTMP	-	Replace with Goss heating tip adaptor 2301-S and heating tip 241-S size 2.		1-110	2361	DRAG TYPE ACETYLENE-OXYGEN  Light preheat for plate cutting. Fits 2460, CA 1060, ST, SST, 1400C, machine torches.
HTN	-	Replace with Goss heating tip adaptor 2301 and heating tip 220 size 2.		STOCK NO.	SIZE	
				00-1-110	00	
				0-1-110	0	
				1-1-110	1	
				2-1-110	2	
MFTA	-	Replace with Goss heating tip adaptor 2301 and heating tip 230 size 2.				

GOSS 		VICTOR Style REPLACEMENT TIPS		GOSS 																																			
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information																																	
1-112	2363	RIVET CUTTING ACETYLENE-OXYGEN  Hand cutting for bulkhead rivets. Fits 2460, CA 1060, ST, SST, 1400C torches.		2V-FS	FS-2385	GENERAL CUTTING MAPP-OXYGEN  Two piece standard speed tip. Similar to Victor GPM. Fits 2460, CA 1060, ST, SST, 1400C, machine torches.																																	
STOCK NO. 00-1-112 0-1-112 1-1-112 2-1-112 3-1-112 4-1-112	SIZE 00 0 1 2 3 4			STOCK NO. 0816-1672 0816-1668 0816-1665 0816-1660 0816-1656 0816-1654 0816-1652 0816-1649 0816-1644 0816-1638 0816-1631	SIZE 72 (000) 68 (00) 65 60 (0) 56 (1) 54 (2) 52 49 (3) 44 (4) 38 (5) 31 (6)			1-116	2366	MULTI-PURPOSE CUTTING ACETYLENE-OXYGEN  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, ST, SST, 1400C, machine torches.		2V-SP	SP-2385	GENERAL CUTTING MAPP-OXYGEN  One piece standard speed tip. Similar to Victor 1-303M. Fits 2450, CA 1060, ST, SST, 1400C, machine torches.		STOCK NO. 2-1-116 4-1-116	SIZE 2 4	STOCK NO. 0856-2360 0856-2356 0856-2354 0856-2352 0856-2349	SIZE 60 (0) 56 (1) 54 (2) 52 49 (3)	1-118	2368	GOUGING ACETYLENE-OXYGEN  Gouging, scarfing and deseaming. Fits 2460, CA 1060, ST, SST, 1400C torches.		3-GPN	2345	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS  Two piece medium preheat series 3 tip. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C1400 torches.		STOCK NO. 0-1-118 2-1-118 4-1-118 6-1-118 8-1-118	SIZE 0 2 4 6 8	STOCK NO. 00-3-GPN 0-3-GPN 1-3-GPN 2-3-GPN 3-3-GPN 4-3-GPN 5-3-GPN	SIZE 00 0 1 2 3 4 5	1-207	2307	MULTI-PURPOSE CUTTING PROPANE OR -OXYGEN NATURAL GAS  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, CAN 1060, ST, SST, STN, machine torches.		3-GPP	2349	GENERAL CUTTING PROPYLENE-OXYGEN  General purpose hand and machine cutting. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C 1400 torches.	
1-116	2366	MULTI-PURPOSE CUTTING ACETYLENE-OXYGEN  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, ST, SST, 1400C, machine torches.		2V-SP	SP-2385	GENERAL CUTTING MAPP-OXYGEN  One piece standard speed tip. Similar to Victor 1-303M. Fits 2450, CA 1060, ST, SST, 1400C, machine torches.																																	
STOCK NO. 2-1-116 4-1-116	SIZE 2 4			STOCK NO. 0856-2360 0856-2356 0856-2354 0856-2352 0856-2349	SIZE 60 (0) 56 (1) 54 (2) 52 49 (3)			1-118	2368	GOUGING ACETYLENE-OXYGEN  Gouging, scarfing and deseaming. Fits 2460, CA 1060, ST, SST, 1400C torches.		3-GPN	2345	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS  Two piece medium preheat series 3 tip. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C1400 torches.		STOCK NO. 0-1-118 2-1-118 4-1-118 6-1-118 8-1-118	SIZE 0 2 4 6 8	STOCK NO. 00-3-GPN 0-3-GPN 1-3-GPN 2-3-GPN 3-3-GPN 4-3-GPN 5-3-GPN	SIZE 00 0 1 2 3 4 5	1-207	2307	MULTI-PURPOSE CUTTING PROPANE OR -OXYGEN NATURAL GAS  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, CAN 1060, ST, SST, STN, machine torches.		3-GPP	2349	GENERAL CUTTING PROPYLENE-OXYGEN  General purpose hand and machine cutting. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C 1400 torches.		STOCK NO. 2-1-207 4-1-207	SIZE 2 4	STOCK NO. 0-3-GPP 1-3-GPP 2-3-GPP 3-3-GPP 4-3-GPP 5-3-GPP	SIZE 0 1 2 3 4 5								
1-118	2368	GOUGING ACETYLENE-OXYGEN  Gouging, scarfing and deseaming. Fits 2460, CA 1060, ST, SST, 1400C torches.		3-GPN	2345	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS  Two piece medium preheat series 3 tip. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C1400 torches.																																	
STOCK NO. 0-1-118 2-1-118 4-1-118 6-1-118 8-1-118	SIZE 0 2 4 6 8			STOCK NO. 00-3-GPN 0-3-GPN 1-3-GPN 2-3-GPN 3-3-GPN 4-3-GPN 5-3-GPN	SIZE 00 0 1 2 3 4 5			1-207	2307	MULTI-PURPOSE CUTTING PROPANE OR -OXYGEN NATURAL GAS  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, CAN 1060, ST, SST, STN, machine torches.		3-GPP	2349	GENERAL CUTTING PROPYLENE-OXYGEN  General purpose hand and machine cutting. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C 1400 torches.		STOCK NO. 2-1-207 4-1-207	SIZE 2 4	STOCK NO. 0-3-GPP 1-3-GPP 2-3-GPP 3-3-GPP 4-3-GPP 5-3-GPP	SIZE 0 1 2 3 4 5																				
1-207	2307	MULTI-PURPOSE CUTTING PROPANE OR -OXYGEN NATURAL GAS  Deseaming, gouging, removing welds, rivet washing, scarfing. Fits 2460, CA 1060, CAN 1060, ST, SST, STN, machine torches.		3-GPP	2349	GENERAL CUTTING PROPYLENE-OXYGEN  General purpose hand and machine cutting. Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800, C 1400 torches.																																	
STOCK NO. 2-1-207 4-1-207	SIZE 2 4			STOCK NO. 0-3-GPP 1-3-GPP 2-3-GPP 3-3-GPP 4-3-GPP 5-3-GPP	SIZE 0 1 2 3 4 5																																		



GOSS 		VICTOR Style		REPLACEMENT TIPS		GOSS 	
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
3V-FS	FS-2395	GENERAL CUTTING MAPP-OXYGEN 		5-101	2320	GENERAL CUTTING ACETYLENE-OXYGEN 	
STOCK NO. 0816-1768 0816-1765 0816-1760 0816-1756 0816-1754 0816-1752 0816-1749	SIZE 68 (00) 65 60 (0) 56 (1) 54 (2) 52 49 (3)			STOCK NO. 0-5-101 1-5-101 2-5-101	SIZE 0 1 2		
3-101	2341	GENERAL CUTTING ACETYLENE-OXYGEN 		5-200	2325	GENERAL CUTTING PROPANE OR -OXYGEN NATURAL GAS 	
STOCK NO. 000-3-101 00-3-101 0-3-101 1-3-101 2-3-101 3-3-101 4-3-101 5-3-101 6-3-101	SIZE 000 00 0 1 2 3 4 5 6			STOCK NO. 0-5-200 1-5-200 2-5-200	SIZE 0 1 2		
3-112	2343	RIVET CUTTING ACETYLENE-OXYGEN 		1-100	2350	GENERAL CUTTING ACETYLENE-OXYGEN 	
STOCK NO. 1-3-112 2-3-112 3-3-112	SIZE 1 2 3			STOCK NO. 0-1-100 1-1-100 2-1-100	SIZE 0 1 2		
3-118	2348	GOUGING ACETYLENE-OXYGEN 		MFA	3091	HEATING ACETYLENE PROPYLENE -OXYGEN MAPP 	
STOCK NO. 2-3-118	SIZE 2			STOCK NO. 8-MFA 10-MFA 12-MFA 15-MFA	SIZE 8 10 12• 15•		

GOSS 		VICTOR Style REPLACEMENT TIPS				GOSS 	
Style No.	Goss No.	Product Information		Style No.	Goss No.	Product Information	
W	3031	WELDING ACETYLENE-OXYGEN  Complete nozzle (nozzle nut included). General welding and preheating. Fits 300 series torches.		W-J	3033	WELDING ACETYLENE-OXYGEN  Complete nozzle (nozzle nut included). Tip for general light welding and brazing. Fits J series torches.	
STOCK NO. 000-W 00-W 0-W 1-W 2-W 3-W 4-W 5-W 6-W 7-W 8-W	SIZE 000 00 0 1 2 3 4 5 6 7 8			STOCK NO. 000-W-J 00-W-J 0-W-J 1-W-J 2-W-J 3-W-J 4-W-J 5-W-J 6-W-J 7-W-J	SIZE 000 00 0 1 2 3 4 5 6 7		
W-1	3032	WELDING ACETYLENE-OXYGEN  Complete nozzle (nozzle nut included). Long cone flame general welding and brazing. Fits 100 series torches.		MFA-1	3071	HEATING ACETYLENE-OXYGEN  Multiflame nozzle for preheating and straightening. Fits 100 series torches.	
STOCK NO. 000-W-1 00-W-1 0-W-1 1-W-1 2-W-1 3-W-1 4-W-1 5-W-1 6-W-1 7-W-1	SIZE 000 00 0 1 2 3 4 5 6 7			STOCK NO. 6-MFA-4 8-MFA-1	SIZE 6 8		

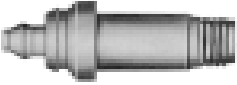
For a great selection of Victor style torches, welding and cutting attachments and regulators, please see Generico section 200-2.

GOSS  **REPLACEMENT TIP NUTS**  **GOSS**


MFG. TORCH AND TIP STYLES		TIP NUT STOCK NO.	GOSS NO.
AIRCO	3700, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000, 9500	831-2259	803
AIR PRODUCTS	(Threaded)	229-U-360000	1403
AIR PRODUCTS	(Conical)	229-8-360656	803
HARRIS	6290 Tips	6259B	1362-B
MECO	Weldmaster, Cutmaster	1641	1503
OXWELD	CW-23, C-31, C-32, C-66, C-77, C-37, C-39, C-58, C-67	33A56	1703
PUROX	CW-200, CW-202, E	802	1903
REGO	"KX" New	4278-21	2105
SMITH	SC Tips	G900-41A	2204
VICTOR	CA 1260, CA 1350, C 1450, CA 2060, CST 800, C 1400 (3 series tips)	0309-0003	2303
VICTOR	2450, CA 1060, CAN 1060, ST, SST, STN, 1400C, MT, MTN (1 series tips)	0309-0018	2353

GOSS  **THE ECONOMY LINE**  **GOSS**


Cutting Tips and Tip Connectors



Economy Connector



Tip Nut
(Included w/ Connector)





Economy Tip

- STANDARDIZES ALL STYLES OF TORCHES
- PROTECTS SEAT OF TORCH HEAD
- INSURES ECONOMICAL TIP REPLACEMENT COSTS

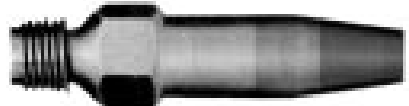
SEAT STYLE	GOSS CONNECTOR NO.	SEAT STYLE	GOSS CONNECTOR NO.	SEAT STYLE	GOSS CONNECTOR NO.
AIRCO	AD-820	HARRIS 6290	AD-1360	SMITH SC	AD-2276
AIR PRODUCTS (Conical)	AD-820	MECO LA	AD-1550	VICTOR (1 Series)	AD-2360
		OXWELD	AD-1760	VICTOR (3Series)	AD-2340
		PUROX	AD-1950		

GOSS ECONOMY CUTTING TIPS AND TIP NUT

PART NO.	USED WITH	SIZE OF TIP	NUMBER OF PREHEAT
730 TIP 725 TIP 703 TIP NUT	ACETYLENE PROPANE -	00-6 00-6 -	6 12-16 -

GOSS  **BRAZING ADAPTORS**  **GOSS**


MF-116 TIP



SIZES 1-4 & 6

A 3/8-24 Threaded tip that uses all fuel gases and oxygen.

MF-118 ADAPTOR



Adapts welding tips to MF-116 brazing tip by being soldered to end of welding tip.



HEATING TIPS - ADAPTORS EXTENSIONS - CONNECTORS

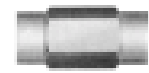


HEATING TIPS



FOR USE WITH	PART NO.	TIP SIZES	THREAD SIZE
LP OR NATURAL GAS	220	1-2-3-4-5	7/16-20
	221	1-2-3-4-5	1/2-25
	222	1-2-3-4-5	1/4 NPT
ACETYLENE GAS	230	1-2-3	7/16-20
	231	1-2-3	1/2-25
MAPP GAS (ONE PIECE)	241	1-2-3-4-5	1/2-25
MAPP GAS (FINE SPLINE)	241-S	1-2-3-4	1/2-25

CONNECTORS



PART NO.	THREAD Female x Female
226	7/16-20 x 7/16-20
227	3/8-20 x 3/8-20
228	3/8-20 x 7/16-20
229	1/2-20 x 1/2-25
229-B	5/8-18 x 1/2-25
248	1/2-25 x 1/2-25
258	9/16-18 x 1/2-20
259	1/2-20 x 1/2-20
480	7/16-20 x 1/2-20

HEATING TIP EXTENSIONS FOR WELDING OR HEATING TORCHES

Available Straight or Bent 45°



BRASS TIP EXTENSIONS (SPECIFY LENGTH)

GOSS PART NO.	STYLE	TORCH END THREAD	LENGTH (Specify)	TIP END THREAD
223-S	Straight	3/8-20	12" - 18"	7/16-20
223-B	Bent - 45°	3/8-20	12" - 18"	7/16-20
224-S	Straight	7/16-20	12" - 18"	7/16-20
224-B	Bent - 45°	7/16-20	12" - 18"	7/16-20
232-S	Straight	7/16-20	12" - 18"	7/16-20
232-B	Bent - 45°	7/16-20	12" - 18"	7/16-20
233-S	Straight	7/16-20	12" - 18"	7/16-20
233-B	Bent - 45°	7/16-20	12" - 18"	7/16-20
328-S	Straight	1/2-27	12" - 18"	1/4 NPT
328-B	Bent - 45°	1/2-27	12" - 18"	1/4 NPT

STAINLESS STEEL EXTENSIONS (Specify Length)

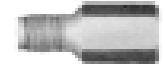
225-S	Straight	1/2-25	12" - 18" - 24" - 36"	1/2-25
225-B	Bent - 45°	1/2-25	12" - 18" - 24" - 36"	1/2-25
224-MBS	Straight	1/2-20	12" - 18" - 24" - 36"	1/2-25
224-MBB	Bent - 45°	1/2-20	12" - 18" - 24" - 36"	1/2-25
235-S	Straight	1/2-27	12" - 18" - 24" - 36"	1/2-25
235-B	Bent - 45°	1/2-27	12" - 18" - 24" - 36"	1/2-25

HEATING TIP ADAPTORS FOR CUTTING TORCHES

SEAT STYLE	GOSS PART NO.	THREAD	SEAT STYLE	GOSS PART NO.	THREAD
SMITH SC 	2271	7/16-20	HARRIS 6290 	1361	7/16-20
	2271-S	1/2-25		1361-S	1/2-25
PUROX 	1901	7/16-20	AIRCO AIR PRODUCTS 	801	7/16-20
	1901-S	1/2-25		801-S	1/2-25
VICTOR 1 SERIES 	2301	7/16-20	MECO LA 	1501	7/16-20
	2301-S	1/2-25		1501-S	1/2-25
OXWELD 	1701	7/16-20	REGO KX 	2101	7/16-20
	1701-S	1/2-25		2101-S	1/2-25



PART NO.	THREAD Male x Male
244	Stainless Steel 1/2-20 x 1/2-25
255	1/2-20 x 1/2-25
257	3/8-20 x 7/16-20
267	1/2-25 x 1/2-25
268	1/2-20 x 9/16-18
288	1/2-20 x 1/2-20



PART NO.	THREAD Male x Bore
245	7/16-20 x 5/16 Bore
249	1/2-25 x 1/4 Bore
251	1/2-25 x 5/16 Bore



PART NO.	THREAD Male x Female
214	9/16-18 x 9/16-18
215	9/16-18 x 7/16-24
246	9/16-18 x 7/16-20
247	9/16-18 x 1/2-25
253	3/8-24 x 7/16-20
254	7/16-20 x 1/2-20
256	1/4 NPT x 7/16-20
269	9/16-18 x 1/2-20
275	7/16-20 x 1/2-25
292	7/16-20 x 1/4 NPT
293	1/2-25 x 1/4NPT

GOSS **GOSS** 

CUTTING TIP CHART

MATERIAL THICKNESS	1/8	1/4	1/2	3/4	1	1 1/2	2	4	5	6	8	10	12
RECOMMENDED TIP NUMBER AND DRILL SIZE	00 68	0 60	1 56	1 56	2 54	2 54	3 52	3 49	4 44	6 38	6 31	7 28	8
OXYGEN PRESSURE SETTING LB/IN ² g	20-25	25-30	30-35	30-35	35-40	40-45	40-45	40-50	45-55	45-55	45-55	45-55	45-55
ACETYLENE PRESSURE SETTING LB/IN ² g	3-5	3-5	3-5	3-5	3-7	3-7	5-10	5-10	6-12	7-13	8-14	10-15	10-15
CUTTING IN/MIN	27-30	26-29	20-24	17-21	14-18	13-17	12-15	8-11	7-9	6-8	5-6	4-5	3-4

All charts and information contained in this catalogue are intended only as an approximate guide.
The type and condition of equipment, length of hose, regulator pressure settings, operator skill, etc. will affect performance of any tip.

WELDING TIP CHART

TIP SIZE	DRILL SIZE	OXYGEN PRESSURE P.S.I.		ACETYLENE PRESSURE P.S.I.		ACETYLENE CONSUMPTION CFH*		METAL THICKNESS
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
000	75	1/2	2	1/2	2	1/2	3	Up To 1/32"
00	70	1	2	1	2	1	4	1/64"-3/64"
0	65	1	3	1	3	2	6	1/32"-5/64"
1	60	1	4	1	4	4	8	3/64"-3/32"
2	56	2	5	2	5	7	13	1/16"-1/8"
3	53	3	7	3	7	8	36	1/8"-3/16"
4	49	4	10	4	10	10	41	3/16"-1/4"
5	43	5	12	5	15	15	59	1/4"-1/2"
6	36	6	14	6	15	55	127	1/2"-3/4"
7	30	7	16	7	15	78	152	3/4"-1 1/4"
8	29	9	19	8	15	81	160	1 1/4"-2"
9	28	10	20	9	15	90	166	2"-2 1/2"
10	27	11	22	10	15	100	169	2 1/2"-3"
11	26	13	24	11	15	106	175	3"-3 1/2"
12	25	14	28	12	15	111	211	3 1/2"-4"

Gas consumption data is merely for rough estimating purposes. It will vary greatly on the material being welded and the particular skill level of the operator.

Pressures are approximate for hose length up to 25 ft. Increase for longer hose lengths about 1 psi per 25 feet.

*Oxygen consumption is 1.1 times the acetylene under neutral flame conditions.



HEATING TIP CHART FOR 220, 221 & 222 STYLE TIPS

SIZE	OXYGEN PRESSURE (PSIG)	OXYGEN FLOW (CFH)	PROPANE PRESSURE (PSIG)	PROPANE FLOW (CFH)	APPROX. HEAT OUTPUT (BTU/HR)
1	10-25	160-320	4-12	40-80	100,000-200,000
2	15-45	220-520	7-20	55-125	140,000-330,000
3	25-65	340-900	8-25	80-230	215,000-550,000
4	50-110	640-1300	10-30	160-320	400,000-800,000
5	60-130	700-1600	13-40	180-400	450,000-1,000,000

NOTE: 1. Use 3/8" hose with all tips.
2. No. 4 and No. 5 tips may require increased pressures if hose length is over 25 feet.

HEATING TIP CHART FOR 230 & 231 STYLE TIPS

SIZE	ACETYLENE PSIG	APPROXIMATE CFH	APPROX. HEAT OUTPUT (BTU/HR)
1	3-6	13-23	19,000-33,000
2	5-9	25-45	36,000-66,000
3	10-14	60-140	88,500-200,500

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

HEATING TIP CHART FOR 241 & 241-S STYLE TIPS

SIZE	MAPP PSIG	OXYGEN PSIG	APPROX. HEAT OUTPUT (BTU/HR)
1	4-12	10-25	100,000-200,000
2	7-20	15-45	140,000-330,000
3	8-25	25-65	215,000-550,000
4	10-30	50-110	400,000-800,000
5	13-40	60-130	450,000-1,000,000

GOSS **CROSS REFERENCE TO
GOSS NUMBERS****GOSS** 

AIRCO	GOSS	CRAFTSMAN	GOSS	MECO	GOSS	SMITH	GOSS
A-B45	AB-825	B	950	AJ	1560	LC-6	2260
A-FH	FH-825	BL	955	AJL	1565	MC-12	2272
A-FS	FS-825	954431	3509	LA	1556	S-FS	FS-2295
A-G1	G1-825	954436	1369	LM	1555	S-SP	SP-2295
A-GW30	AG-825	954438	1336	LMG	1558	SC-10	2274
A-RW	RW-825	954441	3021	LMM	1557	SC-12	2276
A-SP	SP-825	954452	1304	WGH	220	SC-50	2295
45	850	954456	1394	AV	3060	AW-200	3028
46-H	845			WG	3080	MW-200	3027
112	812					SW-200	3026
119	829	DOCKSON	GOSS	OXWELD/LINDE	GOSS		
124	810	D-SP	SP-1045	O-FH	FH-1735	VERIFLO	GOSS
138	840	CG	1055	O-FS	FS-1734	A	2860
144	820	C-4	1050	O-GW30	OG-1734	L	2855
145	860	C-6	1060	O-SP	SP-1734	25AA	2870
149	885	E	3074	1425	1745-2	G	3037
157	895			1501	1750	P	3038
158	890	GASWELD	GOSS	1502	1760		
164	830	C-5	1150	1507	1707	VICTOR	GOSS
168	891	CPT-14	1155	1510	1710	GPN	2355
183	807			1511	1770	GPP	2359
185	807-S	HARRIS	GOSS	1514	1720	HDN	2357
195	841	H-FH	FH-1345	1515	1775	HPN	2365
196	842	H-FS	FS-1355	1520	1705	MTHN	2367
219	839	H-SP	SP-1355	1534	1734	1-100	2350
221	865	2290	221	1535	1735	1-101	2360
261	875	2490	1304	1540	1715	1-108	2358
263	826	2490-NFF	1344	1542	1772	1-110	2361
275	872	2490-NX	1394	1564	1764	1-111	2362
287	887	2490-NXM	1329	1565	1769	1-112	2363
297	897	2490-VVC	1384	1566	1776	1-116	2366
361	835	2490-VVCM	FH-1324	1567	1767	1-118	2368
363	863	2890-F	1320	1806	1786	1-207	2307
375	873	2890-P	1325	W-17	3024	2V-FH	FH-2385
757	857	3690	1369	W-17	3035	2V-FS	FS-2385
759	859	3690-P	1336	PUROX/LINDE	GOSS	2V-GW30	VG-2385
8	3000	6290	1360	P-FS	FS-1955	2V-SP	SP-2385
70	3012	6290-D	1364	P-SP	SP-1955	3-GPN	2345
80	3014	6290-G	1300	4101	1850	3-GPP	2349
91	3051	6290-GG	1305	4201	1951	3V-FS	FS-2395
98	3040	6290-N	1365	4202	1952	3-100	2340
760	3076	6290-NFF	1355	4203	1965	3-101	2341
860	3086	6290-NFW	1327	4206	1956	3-112	2343
919	3009	6290-NH	1345-H	4207	1957	3-116	2347
		6290-NX	1335	4213	1955	3-118	2348
AIR PROD	GOSS	6290-NXM	1328	4216	1916	5-101	2320
K-SP	SP-1465	6290-R	1362	4217	1975	5-110	2321
111	1440	6290-S	1363	W-200	3200	5-112	2323
121	1460	6290-VVC	1345	W-201	3025	5-200	2325
121	1460	6290-VVCM	1330	REGO	GOSS	MFA	3091
141	1474	7490-A	1370	R-FS	FS-2135	MFA-J	3048
159	1476	7490-BTU	1375	R-SP	SP-2135	MFN	3047
201	1465	1390	1313	KX6	2132	RTE	3130
231	1485	1390-N	1313-N	KX105	2135	W	3031
461	221	23-A-90	3021	KX205	2138	W-I	3032
700	FS-1485	5090	3509	KXV	2137	W-J	3033
750	FH-1485			243	2585		
140	3042	MARQUETTE	GOSS	723	2523-2		
150	3039	GW-4	1644	723	2523-1		
160	3013	GW-6	1646	TWP1800	3075		
		GW-P	1665	TWP3800	3138		
		20	3043				
		21	3044				