

# Cutting Tips

Stinger® CONCOA/AIRCO Seat  
Natural Gas and Propane Tips



Stinger® tips incorporate a new, more efficient design. These new cutting tips are made using state-of-the-art techniques and equipment. The result is a cutting tip that gives sharp, defined preheat flames for uniform heat transfer and a perfect oxygen cutting stream for smooth face cuts...every time.

- Available in all popular seat sizes for Airco torches.
- Straight bore for hand torches or divergent bore for high speed machine torches
- Splines are manufactured to exact tolerances for better preheat flames and maximum heat transfer
- Extra long oxygen stream for smoother face cuts



## Style 275 - 2 Piece

This precision-made two-piece tip features excellent preheat flames and a cutting oxygen stream or "Stinger" which is significantly better than with conventional cutting tips. Sizes 00 through 5 feature a 22° "V" spline design that provides maximum heat transfer and flame stability. Sizes 6, 7 and 8 employ a 36° "V" spline design to provide increased gas flows and extra secondary flame length required on thicker plate. The Style 275 is for hand or machine cutting.

Stock No.	Material Thickness	Tip Size	Drill Size	Oxygen		Natural Gas		Propane		Cutting Speed Range (IPM)
				PSI	CFH	PSI	CFH	PSI	CFH	
813-2799	3/16	00	72 (.025)	25	55	2-4	18	2	8	20-24
813-2750	1/4	0	68 (.031)	35	65	2-4	18	2	8	20-24
813-2750	3/8	0	68 (.031)	40	86	3-5	25	3	11	19-23
813-2751	1/2	1	62 (.038)	45	115	3-5	28	3	12	19-23
813-2752	1	2	56 (.046)	55	177	3-5	28	3	12	14-19
813-2753	1 1/2	3	54 (.055)	55	235	4-7	30	4	14	12-16
813-2754	2 1/2	4	52 (.063)	55	300	4-7	30	4	14	9-13
813-2755	3	5	49 (.073)	50	365	5-8	35	5	16	8-11
813-2756	6	6	39 (.128)	60	610	5-8	35	5	16	5-8
813-2756	8	6	39 (.128)	65	635	5-8	35	5	16	4-6
813-2757	10	7	30 (.169)	65	900	5-8	50	6	18	3-5
813-2757	12	7	30 (.169)	70	975	5-8	50	6	18	3-5
813-2758	14	8	18 (.169)	70	1290	5-8	50	6	18	2-4



## Style 375 - 2 Piece

The 375 is identical to the 275, except the cutting oxygen bore is diverged to allow higher cutting oxygen pressure for increased speed in machine cutting operation. For plates over 4" use Style 275.

Stock No.	Material Thickness	Tip Size	Drill Size	Oxygen		Natural Gas		Propane		Cutting Speed Range (IPM)
				PSI	CFH	PSI	CFH	PSI	CFH	
813-3750	3/8	0	68 (.031)	70	62	2-4	25-33	2-3	11-14	20-22
813-3751	1/2	1	62 (.038)	80	115	3-5	30-40	3-4	12-16	18-22
813-3751	3/8	1	62 (.038)	85	121	3-5	30-40	3-4	12-16	18-21
813-3752	1	2	56 (.046)	95	133	3-5	30-40	3-4	12-16	18
813-3753	1 1/2	3	54 (.055)	90	186	4-6	35-45	4-5	14-18	16
813-3754	2 1/2	4	52 (.063)	90	270	4-6	35-45	4-5	14-18	12
813-3755	3	5	49 (.073)	90	380	5-7	40-50	5-6	16-20	11
813-3755	4	5	49 (.073)	90	380	5-7	40-50	5-6	16-20	10

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