

Stinger® 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.



Style 275 - 2 Piece

Suitable for hand- or machine-cutting, 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.

Part Number	Material Thickness	Tip Size	Drill Size	Oxygen		Natural Gas		Propane		Cutting Speed Range (IPM)
				PSIG	SCFH	PSIG	SCFH	PSIG	SCFH	
813 2799-00-1	3/16"	00	72 (.025)	25	55	2-4	18	2	8	20-24
813 2750-00-1	1/4"	0	68 (.031)	35	65	2-4	18	2	8	20-24
813 2750-00-1	3/8"	0	68 (.031)	40	86	3-5	25	3	11	19-23
813 2751-00-1	1/2"	1	62 (.038)	45	115	3-5	28	3	12	19-23
813 2752-00-1	1"	2	56 (.046)	55	177	3-5	28	3	12	14-19
813 2753-00-1	1 1/2"	3	54 (.055)	55	235	4-7	30	4	14	12-16
813 2754-00-1	2 1/2"	4	52 (.063)	55	300	4-7	30	4	14	9-13
813 2755-00-1	3"	5	49 (.073)	50	365	5-8	35	5	16	8-11
813 2756-00-1	6"	6	39 (.128)	60	610	5-8	35	5	16	5-8
813 2756-00-1	8"	6	39 (.128)	65	635	5-8	35	5	16	4-6
813 2757-00-1	10"	7	30 (.169)	65	900	5-8	50	6	18	3-5
813 2757-00-1	12"	7	30 (.169)	70	975	5-8	50	6	18	3-5
813 2758-00-1	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.

Part Number	Material Thickness	Tip Size	Drill Size	Oxygen		Natural Gas		Propane		Cutting Speed Range (IPM)
				PSIG	SCFH	PSIG	SCFH	PSIG	SCFH	
813 3750-00-1	3/8"	0	68 (.031)	70	62	2-4	25-33	2-3	11-14	20-22
813 3751-00-1	1/2"	1	62 (.038)	80	115	3-5	30-40	3-4	12-16	18-22
813 3751-00-1	5/8"	1	62 (.038)	85	121	3-5	30-40	3-4	12-16	18-21
813 3752-00-1	1"	2	56 (.046)	95	133	3-5	30-40	3-4	12-16	18
813 3753-00-1	1 1/2"	3	54 (.055)	90	186	4-6	35-45	4-5	14-18	16
813 3754-00-1	2 1/2"	4	52 (.063)	90	270	4-6	35-45	4-5	14-18	12
813 3755-00-1	3"	5	49 (.073)	90	380	5-7	40-50	5-6	16-20	11
813 3755-00-1	4"	5	49 (.073)	90	380	5-7	40-50	5-6	16-20	10