

## 164 Styles



Very heavy preheat. Well suited for work requiring heavy preheat such as rusty or painted plates. Six (6) preheat flames.

Metal Thickness inch	tip size	drill size	Oxygen (PSIG)	Oxygen (SCFH)	Fuel (PSIG)	Fuel (SCFH)	cutting speed range (IPM)
1/8"	00	69 (.029)	25	33	1-1/2	13	22-26
5/16"	0	64 (.036)	30	60	2	17	20-24
1/2"	1	57 (.043)	40	105	3	25	17-20
1"	2	55 (.052)	50	160	3	27	14-16
1-3/4"	3	53 (.059)	50	210	3	29	11-15
2-1/2"	4	50 (.070)	50	275	3	31	9-13
4"	5	47 (.078)	60	400	4	45	7-10
6"	6	42 (.093)	55	505	5	52	5-8
8"	7	36 (.106)	60	680	6	70	4-6
10"	8	1/8 (.125)	55	760	6	70	3-1/2-5
14"	11	10 (.193)	90	1260	8	85	2-1/2-4
16"	12	2 (.221)	105	1450	7	125	2-1/2-3-1/2

## 144 Styles



Designed for hand-cutting applications over a large range of surface conditions. For a metal thickness over 7' use 164 styles. Four (4) preheat flames.

Metal Thickness inch	tip size	drill size	Oxygen (PSIG)	Oxygen (SCFH)	Fuel (PSIG)	Fuel (SCFH)	cutting speed range (IPM)
1/8"	00	69 (.029)	30	33	1-1/2	11	21-24
1/4"	0	64 (.036)	30	57	2	14	20-23
3/8"	1	57 (.043)	30	84	3	20	18-21
3/4"	2	55 (.052)	40	134	3	22	14-17
1-1/4"	3	53 (.059)	45	190	3	23	11-14
2-1/2"	4	50 (.070)	50	263	3	25	8-11
3"	5	47 (.078)	45	313	4	31	7-10
5"	6	42 (.093)	50	457	5	43	5-7
6"	6	42 (.093)	55	492	5	43	5-6
7"	6	42 (.093)	65	552	5	43	4-5

## 183 Styles



Medium preheat tip with two milled flat sides. Flared cutting cavity that supplies low velocity oxygen for grooving, gouging and removing flawed welds. The tip is angled at 20°. Six (6) preheat flames.

depth	tip size	Gas Pressure acetylene	Settings oxygen
1/8-1/4	6	3	50-65
1/4-3/8	8	5	65-85
3/8-1/2	10	6	85-100
> 1/2	12	6	85-100

## 263 Styles



Medium preheat 22 degree V splines for max heat transfer fast piercing/starting 2 piece. Hand or machine cutting, general purpose cutting straight bore for material up to 6"

Metal Thickness inch	tip size	drill size	Oxygen (PSIG)	Fuel (PSIG)	cutting speed range (IPM)
up to 3/16"	00	68 (.031)	30-40	3-5	17-24
2/16"	0	63 (.037)	35-45	3-6	16*23
1/2"	1	56 (.046)	35-50	3-6	14-18
1"	2	54 (.055)	40-50	4-8	12-16
2"	3	52 (.063)	40-50	4-8	10-14
3"	4	49 (.073)	45-65	5-10	9-13
4"	5	45 (.082)	60-75	8-12	8-12
6"	6	41 (.096)	60-90	9-15	6-9
8"	7	35 (.110)	60-90	9-15	4-6
12"	8	30 (.128)	60-90	9-15	3-5