



GAS INNOVATIONS™



MACH1™ Cutting Tips



NEW STAINLESS INSERT FOR VICTOR® HARRIS®, AIRCO® OXWELD® & SMITH® STYLE TIPS

DOUBLE SEAT LOCKING REDUCES LEAKS

NICKEL CHROME FINISH TO REFLECT HEAT & INCREASE DURABILITY OF SHELL

CONVERGENT BORE INCREASES OXYGEN VELOCITY

NEW HIGHLY POLISHED STAINLESS INTERNAL INSERT. TIP CLEANERS WILL WORK HARDEN INSERT & NOT DAMAGE DIVERGENT BORE



SOLID COPPER SHELL FOR INCREASED TIP LIFE

SQUARE CHAMBER FORCES HYDROCARBONS ON TO 18 SPLINES

DIVERGENT BORE TAKES HIGH VELOCITY OXYGEN EXPANSION TO ATMOSPHERIC PRESSURE WITH NO TURBULENCE

18 U GROOVE PREHEAT SPLINES FOR FASTER PREHEAT TIME

NARROW CONSISTENT KERF WITH LONG STINGER


THE TIP THAT MAKES A DIFFERENCE



HIGH PERFORMANCE Machine and Hand Cutting Tips with Stainless Cutting Oxygen Insert.

Note: For tip sizes #6 and #7 they are designed to work in a machine torch. Tips #0 thru 5 can be used for both Hand Cutting or Machine Cutting Torches.

GAS INNOVATIONS PROPYLENE HIGH SPEED LONG LIFE HAND & MACHINE TIPS



Material Thickness	Tip Size	Propylene Pressure P.S.I.	Cutting Oxygen P.S.I.	Preheat Oxygen P.S.I.	Cutting Speed I.P.M.	Kerf Width Inches
1/4-3/8	0	6-8	60-80	30	29 - 33	0.04-0.05
1/2	1	8-10	60-80	40	25 - 31	0.05
3/4-1	2	9-10	60-80	45	29 - 18	0.06-0.07
1 1/2	3	9-10	60-80	45	13 - 20	0.08
2	4	9-10	60-80	50	13 - 18	0.10
2 1/2-3	5	9-11	60-80	55	8 - 15	0.11-0.13
4-5	6*	9-11	80-95	55	9 - 14	0.13-0.14
6-8	7*	9-11	110-120	65	5- 7.5	0.14-0.18
10-12	8*	9-12	120	65	3 - 4	0.20-0.24

NOTE: FOR BEVEL CUTTING CUTTING GO ONE TO TWO SIZES UP
NOTE *: FOR SIZE 6, 7 & 8 WORKS BEST WITH A 3 HOSE MACHINE TORCH

Preheat oxygen pressure for 3 hose torch only

