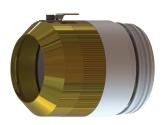


### CUT CHARTS PHD Clean Cut



## 260A MILD STEEL - O2 PLASMA / AIR SHIELD

Plasma gas inlet: 120psi/8.4bar Shield gas inlet: 120PSI/8.4bar



**Shield Cap** 60-0398



Shield 60-0440



**Nozzle Retaining Cap** 60-0433



**Nozzle** 60-0439



**Swirl Ring** 60-0436



**Electrode** 60-0668



**Water Tube** 60-0340

	Thickness	Preflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
	Inches	O <sub>2</sub> Plasma	Air Shield	O <sub>2</sub> Plasma	Air Shield	AV	Inches	Inches/Minute	ln	Factor %	Sec
	1/4		49	76	46	150	.011	245	- 0.33	300	0.3
71	5/16							215			
41	3/8							180			
ח ו	1/2	22						145			0.4
	5/8			80	49	155	0.14	115	0.35	250	0.5
	3/4					159		90			0.6
	7/8					166		75			0.7
-	1			84		171		65			0.8
	1-1/8					170	0.19	55	0.38	200	0.9
	1-1/4					172		45			1.0
	1-1/2					174		35			
	1-3/4					185		22	E	Edge Start	
	2					188		15			

† American Torch Tip Company is in no way affiliated with the above-named manufacturer(s). References to the above-named machines, torches and numbers are for your convenience only. American Torch Tip is not necessarily authorized by the above-named manufacturer(s) to provide replacement parts. Most parts advertised for sale are made by, or for, American Torch Tip Company and other parts, as indicated, are original parts manufactured by the above-named OEM and are simply being resold by American Torch Tip Company. Part numbers followed by an \* are manufactured by the respective OEM.

60-9951



# CUT CHARTS PHD Clean Cut





	Thickness	Preflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
	mm	O2 Plasma	Air Shield	O2 Plasma	Air Shield	AV	mm	mm/Minute	mm	Factor %	Sec
j	6	22	49	76	46	150	2.8	6500	8.5	300	0.3
4	8							5470			
	10							4440			
7	12							3850			0.4
1	15			80	49	155	3.6	3130	9.0	250	0.5
	20					159		2170			0.6
	22					166		1930			0.7
	25			84		171		1685			0.8
	28					170	4.8	1445	9.5	200	0.9
	32					172		1135			1.0
	38					174		895			
	44					185		580	Edge Start		
	50					188		405			

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