

CUT CHARTS



45A STAINLESS STEEL - F5 PLASMA / N2 SHIELD

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















Shield Cap 90-0747

Shield 90-0202

Nozzle Retaining Cap 90-0755

Nozzle 90-0201

Swirl Ring 90-0180

Electrode 90-0308

Water Tube 90-0340

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턴.	Thickness	Preflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
	Inches	F5 Plasma	N2 Shield	F5 Plasma	N2 Shield	AV	Inches	Inches/Minute	ln	Factor	Sec
	0.036	35	18	62	49	99	0.10	240	0.15	150	0.2
7	0.048							190			
4	0.060							150			
	0.075					100		130			
	0.105					102		90			
Z	0.035					104		65			0.3
3	3/16				11	108	0.08	45		190	0.4
4	1.4					110		30			0.5

[†] 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.



CUT CHARTS



METRIC

Thickness	Preflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
mm	F5 Plasma	N2 Shield	F5 Plasma	N2 Shield	AV	mm	mm/Minute	mm	Factor	Sec
0.8		5	62	49	99	2.5	6570	3.8	150	0.2
1							5740			
1.2							4905			
1.5	35						3890			
2					101		3175			
2.5					102		2510			0.3
3					103		2010			
4					104		1435			
6				11	110	2.0	845		190	0.5

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