

80A STAINLESS STEEL - F5 PLASMA / N₂ SHIELD

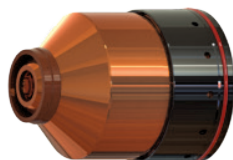
Plasma gas inlet:
120psi/8.4bar
Shield gas inlet:
120PSI/8.4bar



Shield Cap
90-0747



Shield
90-0338



Retaining Cap
90-0755



Nozzle
90-0337



Swirl Ring
90-0179



Electrode
90-0339



Water Tube
90-0340

ENGLISH

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	In	Factor	Sec	
0.135	33	23	65	60	108	0.12	105	0.18	150	0.2	
3/16					110	0.11	60	0.17		0.3	
1/4					112	0.10	45	0.15			
5/16					116	0.12	35	0.18			0.4
3/8					120		25				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.

90-7923

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	
4	33	23	65	60	108	3.0	2180	4.5	150	0.2	
5					110	2.7	1700	4.1		0.3	
6					112	2.5	1225	3.80			
8					116	3.0	895	4.50		0.4	
10					120		560			0.5	

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