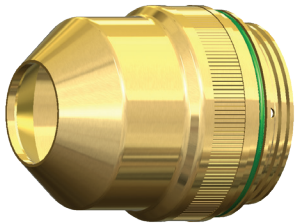


80A STAINLESS STEEL - F5 PLASMA / N₂ SHIELD

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



Shield Cap
90-0747



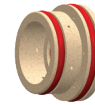
Shield
90-0338



Nozzle Retaining Cap
90-0755



Nozzle
90-0337



Swirl Ring
90-0179



Electrode
90-0339



Water Tube
90-0340

ENGLISH

Thickness Inches	Prewlow		Cutflow		Arc Voltage AV	Torch-to-Work Inches	Cutting Speed Inches/Minute	Initial Pierce Height		Pierce Delay Sec
	F5 Plasma	N2 Shield	F5 Plasma	N2 Shield				In	Factor	
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		0.4
5/16					116	0.12	35	0.18		0.5
3/8					120		25			

† 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.

METRIC

Thickness mm	Prewflow		Cutflow		Arc Voltage AV	Torch-to-Work mm	Cutting Speed mm/Minute	Initial Pierce Height		Pierce Delay Sec
	F5 Plasma	N2 Shield	F5 Plasma	N2 Shield				mm	Factor	
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		0.4
8					116	3.0	895	4.50		0.4
10					120		560			0.5

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