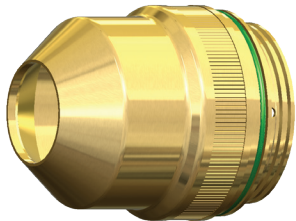
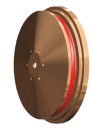


50A MILD STEEL - O₂ PLASMA / AIR SHIELD

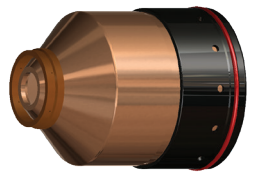
Plasma gas inlet:
120psi/8.4bar
Shield gas inlet:
120PSI/8.4bar



Shield Cap
90-0747



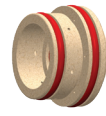
Shield
90-0555



Nozzle Retaining Cap
90-0754



Nozzle
90-0554



Swirl Ring
90-0553



Electrode
90-0552



Water Tube
90-0340

ENGLISH

Thickness	Prewlow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
	Inches	O2 Plasma	Air Shield	O2 Plasma	Air Shield	AV	Inches	Inches/Minute	In	Factor
0.030	70	30	81	14	110	0.04	270	0.08	200	0
0.036					210					
0.048					160					
0.060					114	0.05	125	0.1		
0.075					115		110			
0.105					118		80			
0.135					0.06	60	0.12			
3/16						121		50		
1/4						125		35		
5/16					0.08	25	0.16	0.5		
	130									

† 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.

90-7955

METRIC

Thickness	Prewflow		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	
0.8	70	30	81	14	110	1.0	6500	2.0	200	0	
1					111		5000				
1.2					112		4150				
1.5					114	1.3	3200	2.6			
2					115		2700				
2.5					117		2200				
3					119	1.5	1800	3.0			0.1
4					121		1400				0.2
5					122		1200				0.3
6					126	2	950	4.0			0.4
7					128		780				0.5
8					130		630				

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