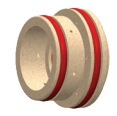
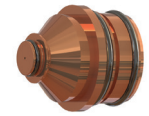
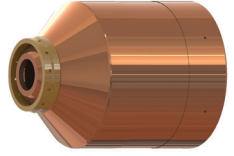
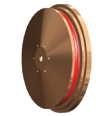
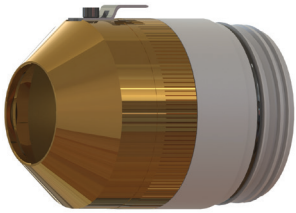


50A MILD STEEL - O₂ PLASMA / AIR SHIELD

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



Shield Cap
60-0173

Shield
60-0555

Nozzle Retaining Cap
60-0313

Nozzle
60-0554

Swirl Ring
60-0553

Electrode
60-0552

Water Tube
60-0340

ENGLISH

Thickness	Prewflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay
	Inches	O ₂ Plasma	Air Shield	O ₂ 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					0.05	125				
0.075						110				
0.105						80				
0.135						60				
3/16					0.06	50	0.12	0.3		
1/4						35				
5/16					0.08	25	0.16	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.

METRIC

Thickness	Prewlow		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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