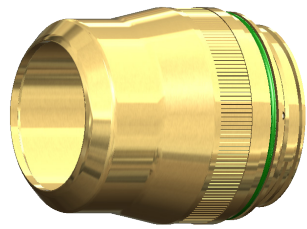
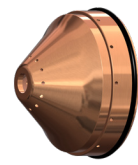


400A MILD STEEL - O₂ PLASMA / AIR SHIELD

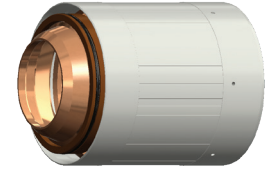
Plasma gas inlet:
120psi/8.4bar
Shield gas inlet:
120PSI/8.4bar



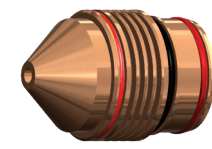
Shield Cap
90-4000AT



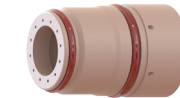
Shield
90-4002AT



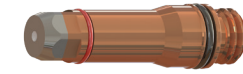
Nozzle Retaining Cap
90-4001



Nozzle
90-0632



Swirl Ring
220631*



Electrode
90-0530



Water Tube
90-0571

ENGLISH

Thickness Inches	Prewlow		Cutflow		Arc Voltage AV	Torch-to-Work Inches	Cutting Speed Inches/Minute	Initial Pierce Height In	Factor %	Pierce Delay Sec
	O ₂ Plasma	Air Shield	O ₂ Plasma	Air Shield						
1/2	24	50	60	50	140	0.14	170	0.28	200	0.4
5/8					143		150			0.5
3/4					145		115			0.6
7/8					148	100	0.8			
1					151	85	0.9			
1-1/4					153	65	1.2			
1-1/2					157	48	1.6			
1-3/4					160	40	2.5			
2					168	30	5.5			
2-1/4					171	25	Edge Start Recommended			
2-1/2					175	20				
3					193	10				

† 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	Factor	Pierce Delay
mm	O ₂ Plasma	Air Shield	O ₂ Plasma	Air Shield	AV	mm	mm/Minute	mm	%	Sec
12	24	50	60	50	139	3.6	4430	7.2	200	0.4
15					142		3950			0.5
20					146		2805			0.7
22					148	2540	7.6	0.8		
25					150	2210	8.0	0.9		
30					153	1790	9.2	1.1		
40					158	1160	11.5	250		1.9
50					167	795	19.1	360		5.2
60					173	580	Edge Start Recommended			
70					183	380				
80	197	180								

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