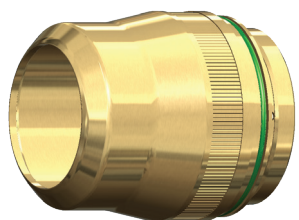
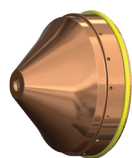


# 130A MILD STEEL - O<sub>2</sub> PLASMA / AIR SHIELD

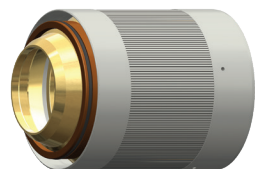
Plasma gas inlet:  
120psi/8.4bar  
Shield gas inlet:  
120PSI/8.4bar



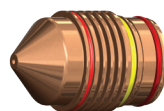
**Shield Cap**  
97-0200



**Shield**  
97-0255



**Nozzle Retaining Cap**  
97-1365



**Nozzle**  
97-0252



**Swirl Ring**  
90-0179



**Electrode**  
97-0249



**Water Tube**  
90-0700

ENGLISH

Thickness Inches	Prewlow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height	Pierce Delay	
	O <sub>2</sub> Plasma	Air Shield	O <sub>2</sub> Plasma	Air Shield	AV	Inches	Inches/Minute	In	Sec	
0.135	32	32	84	28	124	0.10	240	0.20	0.1	
3/16					126	0.11	190	0.22	0.2	
1/4					127		150			
5/16		22		52	22	129	0.12	132	0.24	0.3
3/8						130		110		
1/2						132	0.15	80	0.26	0.5
5/8						135		60		
3/4		0.30		138	0.16	45	1.0			
1				141		20		1.8		
1-1/4				160		0.18			15	
1-1/2	167	10	Edge Start							

† 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	Prewflow		Cutflow		Arc Voltage	Torch-to-Work	Cutting Speed	Initial Pierce Height	Pierce Delay
mm	O <sub>2</sub> Plasma	Air Shield	O <sub>2</sub> Plasma	Air Shield	AV	mm	mm/Minute	mm	Sec
3	32	32	84	28	124	2.5	6505	5.0	0.1
4					126	2.8	5550	5.6	0.2
5					4795				
6					4035				
8					127	3.0	3360	6.0	0.3
10					129				
12		130	2680						
15		132	3.3	2200	6.6	0.5			
20		52	22	84	135	3.8	1665	7.6	0.7
25					138		1050		1.0
32					141	550	1.8		
38					160	4.5	255	Edge Start	
					167				

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