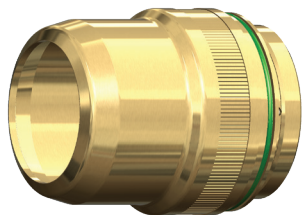
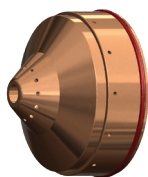


260A MILD STEEL BEVEL STANDARD O₂ PLASMA AIR SHIELD

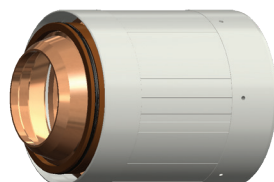
Plasma gas inlet:
120psi/8.4bar
Shield gas inlet:
120psi/8.4bar



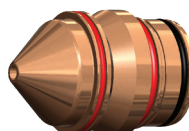
Shield Cap
90-0637



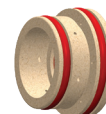
Shield
90-0741



Nozzle Retaining Cap
*220740



Nozzle
90-0542



Swirl Ring
90-0436



Electrode
90-0541



Water Tube
90-0571

Note: Bevel angle range is 0° to 45°

ENGLISH

Thickness	Preflow		Cutflow		Minimum Clearance	Torch-to-Work	Cutting Speed	Initial Pierce Height		Pierce Delay	
	O ₂ Plasma	Air Shield	O ₂ Plasma	Air Shield				Inches	Inches/Minute		In
1/4	22	49	76	46	0.08	0.11 - 0.30	245	0.33	300	0.3	
5/16							215				
3/8							180				
1/2							145				
5/8			80	49		0.14 - 0.30	115	0.35	250	0.5	
3/4							90			0.6	
7/8							75			0.7	
1			84	49			0.19 - 0.30	65	0.38	200	0.8
1-1/8								55			0.9
1-1/4								45			1.0
1-1/2 ^Δ						35		2.0			
1-3/4			Edge start	Edge start		22					
2						15					
2-1/4						12					
2-1/2						8					

Δ See the alternate, thick metal piercing, cut chart if you have a problem with excessive slag on the shield or problems with the torch misfiring.

† 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.

90-7911

METRIC

Thickness mm	Prewlow		Cutflow		Minimum Clearance mm	Torch-to-Work mm	Cutting Speed mm/Minute	Initial Pierce Height		Pierce Delay Sec			
	O ₂ Plasma	Air Shield	O ₂ Plasma	Air Shield				mm	Factor				
6	22	49	76	46	2.0	2.8 - 7.6	6500	8.5	300	0.3			
8							5470						
10							4440						
12							3850						
15			80	49		3.6 - 7.6	3130	9.0	250	0.5			
20							2170			0.6			
22							1930			0.7			
25			84	49			4.8 - 7.6			1685	9.5	200	0.8
28										1445			0.9
32										1135			1.0
38 ^Δ						895		2.0					
44			Edge start	Edge start		580		Edge start	Edge start	Edge start			Edge start
50						405							
58						290							
64						195							

MARKING

Select Gases		Set Prewlow		Set Cutflow		Amperage	Torch-to-Work		Marking Speed		Arc Voltage
						Amps	mm	Inches	mm/Minute	Inches/Minutes	Volts
N ₂	N ₂	10	10	10	10	18	2.5	0.10	6350	250	135
Air	Air	30	20	30	20	24	3.0	0.12	2540	100	68

Δ See the alternate, thick metal piercing, cut chart if you have a problem with excessive slag on the shield or problems with the torch misfiring.

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