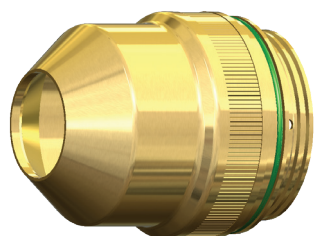
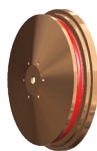


150A MILD STEEL

O₂ PLASMA AIR SHIELD



Shield Cap
90-0747



Shield
90-0183



Nozzle Retaining Cap
90-0756



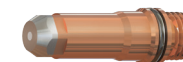
Nozzle
90-0182



Swirl Ring
90-0179



Electrode
90-0181



CleanCut™ Electrode
90-0665



Water Tube
90-0340

ENGLISH

Thickness	Preflow	Plasma	Shield	Postflow	Arc Voltage	Travel Speed	Cutting Height	Pierce Height	Pierce Time	Kerf Width
inches	psi	psi	psi	psi	volts	ipm	inches	inches	msec	inches
1/4	20	71	30	69	118	165	.105	.200	300	0.085
3/8					123	125	.135	.250	400	0.090
1/2					125	90	.300	500	0.094	
5/8			127		70	.140	.325	600	0.099	
3/4			130		55	.350	1000	0.104		
1			134		40	.150	.400	1500	0.115	
1.25			145		25	.200	.700	3000	0.126	
1.50 **			155		15	.225	.350	1500	0.139	

† 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.

For Kaliburn Spirit system
90-150-L & R

METRIC

Thickness	Preflow	Plasma	Shield	Postflow	Arc Voltage	Travel Speed	Cutting Height	Pierce Height	Pierce Time	Kerf Width		
mm	psi	psi	psi	psi	volts	mm/m	mm	mm	msec	mm		
6	20	71	30	69	117	4305	2.6	4.9	300	2.2		
10					123	3040	3.4	6.5		500	2.3	
12					124	2485	3.5	7.3			2.4	
16			45				127	1760	3.6	8.3	1000	2.5
20							130	1340		9.0	1500	2.7
25							133	1040	3.7	10.1		2.9
32							145	625	5.1	17.8		3000
38 **							154	385	5.6	8.9	1500	3.5

MARKING

Type of Gas		Preflow	Plasma	Shield	Postflow	Arc Voltage	Travel Speed		Marking Height		Initial Height		Pierce Time
Plasma	Shield	psi	psi	psi	psi	volts	ipm	mm/min	inches	mm	inches	mm	msec
Nitrogen	Nitrogen	NA	25	25	NA	135	250	6350	.100	2.5	.100	2.5	0
Argon	Air	NA	50	25	NA	61	100	2540	.100	2.5	.100	2.5	0

WARNING: Do not connect H17 (combustible gas) to the gas inputs (Pre/Postflow, Plasma, or Shield) at the same time as Oxygen or Air.

Use an arc transfer height (ignition height) of .150" (3.8 mm) for cutting and .100" (2.5 mm) for marking.

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**For Kaliburn Spirit system
90-150-L & R**