



Plasma Torch Tips and Nozzles

Focus the stream of plasma flowing out of plasma torches and are compatible with specific brands and series of plasma torches.



**Thermal Dynamics
2CZG5**

Compatible with Series	Cutting Configuration	Maximum Current	For Plasma Torch Type	Item No.
American Torch Tip Nozzle				
PT-23, PT-27	Drag Shield Cutting, Standoff Cutting	30 A	Handheld	41T166
	Drag Shield Cutting, Standoff Cutting	50 A	Handheld	41T167
	Drag Shield Cutting, Standoff Cutting	80 A	Handheld	41T169
Lincoln Electric Direct Contact Nozzle				
LC40	Drag Tip Cutting	40 A	Handheld, Machine	61UZ36
Gouging Nozzle				
LC105	Gouging	80 A	Handheld, Machine	61UZ81
	Gouging	100 A	Handheld, Machine	61UZ82
Nozzle				
LC25	Standoff Cutting	25 A	Handheld	61UZ29
LC40	Standoff Cutting	40 A	Handheld, Machine	61UZ35
	Drag Tip Cutting	40 A	Handheld	33RM86
LC65	Standoff Cutting	50 A	Handheld, Machine	61UZ44
	Standoff Cutting	60 A	Handheld, Machine	61UZ45
LC105	Drag Shield Cutting, Standoff Cutting	60 A	Handheld, Machine	61UZ84
	Drag Shield Cutting, Standoff Cutting	80 A	Handheld, Machine	61UZ85
	Drag Shield Cutting, Standoff Cutting	100 A	Handheld, Machine	61UZ86
Shielded Contact Nozzle				
LC65	Drag Shield Cutting	40 A	Handheld	33RM87
Miller Electric Tip				
ICE-60T	Drag Shield Cutting, Standoff Cutting	60 A	Handheld	3RDV9
ICE-55C	Drag Shield Cutting, Standoff Cutting	55 A	Handheld	38G612
	Extended Cutting	55 A	Handheld	38G614
ICE-40C	Drag Shield Cutting, Standoff Cutting	40 A	Handheld	3RDV5
ICE-40C, ICE-55C	Extended Cutting	40 A	Handheld	3RDV7
ICE-25C, ICE-25CX, ICE-27C, ICE-27T	Drag Shield Cutting, Standoff Cutting	27 A	Handheld	3DRD5
XT30, XT30C	Drag Shield Cutting, Standoff Cutting	30 A	Handheld	15F415
XT40	Drag Shield Cutting, Standoff Cutting	40 A	Handheld	13Z847
XT60	Drag Shield Cutting, Standoff Cutting	60 A	Handheld	49X329
	Gouging	60 A	Handheld	49X336
Thermal Dynamics Standoff Tip				
	Standoff Cutting	40 A	Handheld	2CZ61
	Standoff Cutting	50 A	Handheld	2CZ62
SL100, SL60	Standoff Cutting	60 A	Handheld	2CZ63
	Standoff Cutting	80 A	Handheld	2CZ64
	Standoff Cutting	100 A	Handheld	2CZ65
	Standoff Cutting	120 A	Handheld	49NW75
Tip				
SL40	Drag Tip Cutting	40 A	Handheld	11G211
	Drag Tip Cutting	30 A	Handheld	2CFZ8
SL60	Drag Tip Cutting	40 A	Handheld	2CFZ9
	Drag Tip Cutting	60 A	Handheld	20UJ75



Plasma Torch Retaining Caps

Also known as retaining cups or shield cups, they secure plasma torch nozzles, swirl rings, and other consumables in place on plasma torches.



**Lincoln
61UZ30**

Compatible with Series	Cutting Configuration	Maximum Current	For Plasma Torch Type	Item No.
Lincoln Electric				
LC25	Standoff Cutting	25 A	Handheld	61UZ30
LC40	Drag Shield Cutting, Standoff Cutting	40 A	Handheld, Machine	61UZ38
LC105	Drag Shield Cutting, Gouging, Standoff Cutting	100 A	Handheld, Machine	61UZ87
Miller Electric				
XT30, XT30C, XT40, XT40M	Drag Shield Cutting, Extended Cutting, Gouging, Standoff Cutting	40 A	Handheld	15F416
ICE-40C, ICE-40T, ICE-50C, ICE-50CM, ICE-55C, ICE-55CM	Extended Cutting, Gouging, Standoff Cutting	50 A	Handheld	38G611
XT60, XT60M	Extended Cutting, Gouging, Standoff Cutting	60 A	Handheld	49X333
ICE-100T, ICE-100TM, ICE-60TM, ICE-80CX, ICE-80CXM, ICE-80T, ICE-80TM	Drag Shield Cutting, Extended Cutting, Gouging, Standoff Cutting	60 A	Handheld	38G622
Thermal Dynamics				
SL100, SL60	Standoff Cutting	100 A	Handheld	2UPZ2
SL100, SL60	Drag Tip Cutting, Gouging, Standoff Cutting	100 A	Handheld	3JXG3
PCH/M-100XL, PCH/M-102, PCH/M-60, PCH/M-62, PCH/M-75, PCH/M-76, PCH/M-80	Drag Tip Cutting, Gouging	55 A	Handheld, Machine	3LVN8

Plasma Torch Electrodes

Conduct current to create and maintain an arc for plasma cutting tasks and are compatible with specific brands and series of plasma torches.



Compatible with Series	For Plasma Torch Type	Item No.
Lincoln Electric Standard		
LC25	Handheld	61UZ28
LC40	Handheld, Machine	61UZ33
LC105	Handheld, Machine	61UZ76
Miller Electric Standard		
XT30, XT30C		15F414
XT60	Handheld	49X330
ICE-60T		3RDV8
ICE-40C, ICE-55C		3DRD6
Extended		
ICE-40C, ICE-55C	Handheld	3RDV6
Thermal Dynamics Standard		
SL40	Handheld	11G212
SL100, SL60	Handheld, Machine	2CZG8
PCH/M-102, PCH/M-62	Handheld, Machine	49NW77
PCH-10, PCH-20, PCH-25	Handheld	3LV15
PCH-25/38, PCH-26, PCH/M-28, PCH/M-35, PCH/M-40	Handheld, Machine	3LV18
PCH/M-51	Handheld, Machine	3LVN3
PCH/M-51	Handheld, Machine	3LVN4
Extended		
PCH/M-102, PCH/M-62	Handheld, Machine	49NW78



**Lincoln
61UZ28**



Plasma Torch Shield Caps and Deflectors

Protect plasma torch nozzles from damage during plasma cutting applications.

**Thermal Dynamics
2UPZ3**



Compatible with Series	Cutting Configuration	Maximum Current	For Plasma Torch Type	Item No.
American Torch Tip Heat Shield				
PT-23, PT-27	Drag Shield Cutting	—	Handheld	41R987
Shield				
PT-23	Drag Shield Cutting	—	Handheld	41T170
Lincoln Electric Drag Shield				
LC65	Drag Shield Cutting	60 A	Handheld	33RM91
LC105	Drag Shield Cutting	100 A	Handheld, Machine	61UZ79
Gouge Shield				
LC65	Gouging	60 A	Handheld	33RM92
LC105	Gouging	100 A	Handheld, Machine	61UZ80
Miller Electric Drag Shield				
ICE-100T, ICE-60T, ICE-60TM, ICE-80CX, ICE-80CXM, ICE-80T, ICE-80TM, ICE-50C, ICE-50CM, ICE-55C, ICE-55CM	Drag Shield Cutting	100 A	Handheld, Machine	38G619
XT30, XT30C	Drag Shield Cutting	30 A	Handheld	15F417
XT40	Drag Shield Cutting	40 A	Handheld	38G629
XT60	Drag Shield Cutting	60 A	Handheld	49X331
Gouge Shield				
XT60	Gouging	60 A	Handheld	49X335
Thermal Dynamics Deflector				
SL100, SL60	Drag Shield Cutting, Drag Tip Cutting, Gouging, Standoff Cutting	100 A	Handheld	3JXG8
Drag Shield Cap				
SL100, SL60	Drag Shield Cutting	60 A	Handheld	2UPY9
	Drag Shield Cutting	100 A	Handheld	2UPZ1
Gouging Shield Cap				
SL100, SL60	Gouging	100 A	Handheld	2UPZ3



**Thermal Dynamics
2CZG7**



Plasma Torch Start Cartridge and Swirl Rings

Also known as start cartridges, gas distributors, or baffles, they direct the plasma stream as it travels around the electrode and into the nozzle on compatible plasma torches.

Compatible with Series	For Plasma Torch Type	Item No.
Lincoln Electric Swirl Ring		
Tomahawk 375 Air, Tomahawk 625	Handheld	61UZ31
Tomahawk 1500	Handheld	61UZ88
Miller Electric Swirl Ring		
Spectrum 375, Spectrum 375 X-TREME	Handheld	15F413
Spectrum 875	Handheld	38G623
Spectrum 875, Spectrum 875 Auto-Line	Handheld	49X332
Spectrum 2050, Spectrum 625	Handheld	38G610
Thermal Dynamics Gas Distributor		
PCH/M-100XL, PCH/M-102, PCH/M-60, PCH/M-62, PCH/M-75, PCH/M-76, PCH/M-80	Handheld, Machine	3LVN9
Start Cartridge		
SL40	Handheld	11G213
SL100, SL60	Handheld	2CZG7