

# 27 Series TIG Torch

500 AMP Water-Cooled

#	Part #	Description
1	27A	Machine Torch Body, 9"
2	27B	Machine Torch Body, 20"
3	27-13A	Shaft Assembly (27A)
	27-13B	Shaft Assembly (27B)
4	27-13-2	O-Ring (outter)
5	27-13-3	O-Ring (inner)
6	27-12	Insulating Boot
7	See Chart	Collet
8	See Chart	Gas Lens Collet Body
9	181W89	O-Ring
10	57N56	Gasket
11	See Chart	Nozzle
12	40V84R-3	Power Cable, 3' Rubber
	40V84R	Power Cable, 12.5' Rubber
	40V84RL	Power Cable, 25' Rubber
13	40V83R-3	Water Hose, 3' Rubber
	40V83R	Water Hose, 12.5' Rubber
	40V83RL	Water Hose, 25' Rubber
14	40V82R-3	Gas Hose, 3' Rubber
	40V82R	Gas Hose, 12.5' Rubber
	40V82RL	Gas Hose, 25' Rubber
15	CC-4-10	Cable Cover, 4"x10'
	CC-4-10	Cable Cover, 4"x22'
16	45V11	Power Cable Adapter
17	27-18	Bracket Assembly (not pictured)



## 27 Series Torch Packages, 500 Amp

Part #	Description
27A	Machine Torch 9", 500 Amp
27A-3	Torch Pkg. 500 Amp 3' Rubber, 180° 9" Body
27A-12	Torch Pkg. 500 Amp 12.5' Rubber, 180° 9" Body
27A-25	Torch Pkg. 500 Amp 25' Rubber, 180° 9" Body

Part #	Description
27B	Machine Torch 20", 500 Amp
27B-3	Torch Pkg. 500 Amp 3' Rubber, 180° 20" Body
27B-12	Torch Pkg. 500 Amp 12.5' Rubber, 180° 20" Body
27B-25	Torch Pkg. 500 Amp 25' Rubber, 180° 20" Body

Electrode Diameter		.040" (1.0mm)	1/16" (1.6mm)	3/32" (2.4mm)	1/8" (3.2mm)	.5/32" (4.0mm)	3/16" (4.8mm)	1/4" (6.4mm)
Nozzle Size	#	#5 (5/16")	#6 (3/8")	#7 (7/16")	#8 (1/2")	#10 (5/8")	#12 (3/4")	#15 (15/16")
<b>Standard Set-Up</b>								
Collet	7	57N45	57N46	57N47	57N48	57N49	57N50	57N51
Gas Lens	8	49V22	49V23	49V24	49V25	49V26	49V27	49V28
Alumina Nozzle	11		57N75		57N74	53N88	53N87	53N89
Alumina Nozzle Long			57N75L		57N74L	53N88L	53N87L	
Alumina Nozzle Extra Long			57N75XL		57N74XL	53N88XL	53N87XL	
Alumina Nozzle Extra Extra Long			57N75XXL		57N74XXL	53N88XXL	53N87XXL	