

New T5WA Auto Liquid-Cooled Tig Welding Torch



Ratings:	12.5ft : 550A DC, 385A AC @100% duty cycle. 1.6 to 6.4mm Electrode 25ft : 450A DC, 315A AC @100% duty cycle. 1.6 to 6.4mm Electrode
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A High Performance Automatic/Cobotic Tig Torch for consistent, high weld quality in the most demanding applications.

ARC T HIGH PERFORMANCE TIG TORCH PACKAGES

Arc Tig Torches are supplied Surelok™ 35-50mm Dinse style termination as standard.
For alternate terminations, gas and water fittings, please refer to the Torch Configurators
- pages 28-38.



12.5ft
T5WA-4M-SL-QWF1-QWR1-QGS1

25ft
T5WA-8M-SL-QWF1-QWR1-QGS1

Wear Parts

A Standard Ceramic Cups

Part Number	Description	Nozzle	Bore Size
T3CC04	Ceramic Cup	#4	6mm - 1/4"
T3CC05	Ceramic Cup	#5	8mm - 5/16"
T3CC06	Ceramic Cup	#6	10mm - 3/8"
T3CC07	Ceramic Cup	#7	11mm - 7/16"
T3CC08	Ceramic Cup	#8	12.5mm - 1/2"
T3CC10	Ceramic Cup	#10	16mm - 5/8"
T3CC12	Ceramic Cup	#12	19mm - 3/4"

B Large Gas Lens Ceramic Cups

Part Number	Description	Nozzle	Bore Size
T5LGLCC08	Large Gas Lens Ceramic Cup	#8	12.5mm - 1/2"
T5LGLCC10	Large Gas Lens Ceramic Cup	#10	16mm - 5/8"
T5LGLCC12	Large Gas Lens Ceramic Cup	#12	19mm - 3/4"
T5LGLCC14	Large Gas Lens Ceramic Cup	#14	24mm - 15/16"

C Collet Body

Part Number	Description	Bore Size
T3CB16	Collet Body	1.6mm - 1/16"
T3CB20	Collet Body	2.0mm - 5/64"
T3CB24	Collet Body	2.4mm - 3/32"
T3CB32	Collet Body	3.2mm - 1/8"
T3CB40	Collet Body	4.0mm - 5/32"
T3CB48	Collet Body	4.8mm - 3/16"
T3CB64	Collet Body	6.4mm - 1/4"

D Standard Quartz Cups

Part Number	Description	Nozzle	Bore Size
T3QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T3QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T3QZ10	Standard Quartz Cup	#10	15mm - 5/8"
T3QZ12	Standard Quartz Cup	#12	20mm - 3/4"

E Gas Lens Collet Body

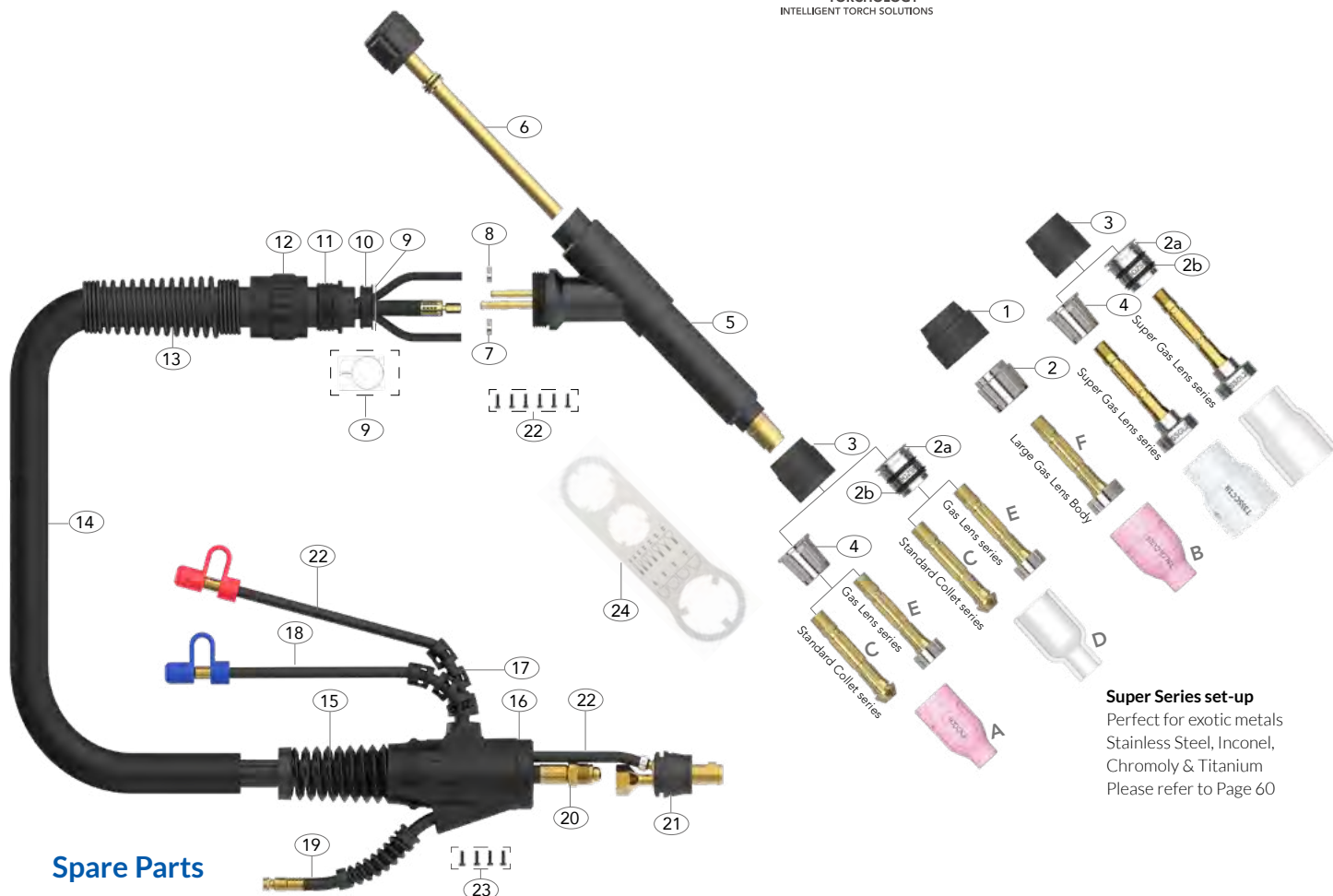
Part Number	Description	Bore Size
T3GL16	Gas Lens Collet Body	1.6mm - 1/16"
T3GL20	Gas Lens Collet Body	2.0mm - 5/64"
T3GL24	Gas Lens Collet Body	2.4mm - 3/32"
T3GL32	Gas Lens Collet Body	3.2mm - 1/8"
T3GL40	Gas Lens Collet Body	4.0mm - 5/32"
T3GL48	Gas Lens Collet Body	4.8mm - 3/16"
T3GL64	Gas Lens Collet Body	6.4mm - 1/4"

F Large Gas Lens Collet Body

Part Number	Description	Bore Size
T5LGL16	Large Gas Lens Collet Body	1.6mm - 1/16"
T5LGL20	Large Gas Lens Collet Body	2.0mm - 5/64"
T5LGL24	Large Gas Lens Collet Body	2.4mm - 3/32"
T5LGL32	Large Gas Lens Collet Body	3.2mm - 1/8"
T5LGL40	Large Gas Lens Collet Body	4.0mm - 5/32"
T5LGL48	Large Gas Lens Collet Body	4.8mm - 3/16"
T5LGL64	Large Gas Lens Collet Body	6.4mm - 1/4"

To set-up your Arc Tig Torch please add the relevant starter kit.

Please refer to Page 50.



Super Series set-up
Perfect for exotic metals
Stainless Steel, Inconel,
Chromoly & Titanium
Please refer to Page 60

Spare Parts

Part Number	Description
1 T3LGS	Large Head Gasket
2 T3LSN	Large Heat Zone Isolator
2a T3QZSN23	Quartz Heat Zone Isolator
2b QZR-D23	Special Seal Ring
3 T3GS	Head Gasket
4 T3SN	Heat Zone Isolator
5 T5WA	T5W Auto Liquid-Cooled Torch Body
6 T5WABC	T5W Auto Torch Back Cap
7 ATB5024	Water Hose Clamp 9.5mm
8 ATB5025S	Gas Hose Clamp 8.0mm
9 ATWA9115F	Wire Clamp
10 AMB8010	Canvas Cover Retainer
11 AMB8110A	Auto Handle Insert
12 AMB8030A	Auto Handle Lock Nut
13 AMB8017A	Auto Handle Spring
14 AT200-40	Neoprene Sheath x 12.5ft
AT200-80	Neoprene Sheath x 25ft
15 ATSLH26-S	Cable Support Large
16 ATSLH26-H	Surelok™ Housing Large
17 ATSLH1820-S	Surelok™ Housing Support
18 ATPAP45V07OB-QWF#	Water Feed Hose x 12.5ft O/B Rubber
ATPAP45V08OB-QWF#	Water Feed Hose x 25ft O/B Rubber

Part Number	Description
19 ATPAUN45V09OB-QGS#	Gas Supply Hose x 12.5ft O/B Rubber
ATPAUN45V10OB-QGS#	Gas Supply Hose x 25ft O/B Rubber Power
20 AT5520-4M-OB	Cable x 12.5ft Surelok™ O/B Rubber Power
AT5520-8M-OB	Cable x 25ft Surelok™ O/B Rubber
21 ATSL3550	Surelok™ Body & Support
22 ATNSLOB-1-QWR#	Water Return Hose O/B
23 ATPB2.6 x 8PB	Screw Pack
24 AT-SP	Spanner

Water feed and gas supply hoses are specified by utilizing the part number and a termination suffix from the water feed and gas supply hose table on Page 24.

Example: ATPAP45V07OB-QWF1

Water Feed Hose Rapid Fit x 12.5ft c/w 8.9mm Quick Fit

Example: ATPAUN45V07OB-QGS4

Gas Supply Hose Rapid Fit x 12.5ft c/w 8.9mm Quick Fit

High Performance Ceramics Available

Withstands extreme temperatures up to 1950°C without any risk of cracking or burning.
Please refer to Page 45