

T3W / T3WFX Liquid-Cooled Tig Welding Torch

Ratings:	T3W: 400A DC, 280A AC @ 100% duty cycle, 1.0 to 4.0mm Electrode
	T3WFX: 400A DC, 280A AC @ 60% duty cycle, 1.0 to 4.0mm Electrode

With a smaller footprint than a WP17, the T3W has more power than a WP18 and is suitable for the majority of Industrial applications and material types.

ARC T HIGH PERFORMANCE TIG TORCH PACKAGES

Arc Tig Torches are supplied with a momentary switch and Surelok™ 35-50mm Dinse style termination as standard.

For alternate terminations, gas and water fittings, and switch options please refer to the Torch Configurators - pages 28-38.



12.5ft

T3W-S1-4M-SL-QWF1-QWR1-QGS1
T3WFX-S1-4M-SL-QWF1-QWR1-QGS1

25ft

T3W-S1-8M-SL-QWF1-QWR1-QGS1
T3WFX-S1-8M-SL-QWF1-QWR1-QGS1



Wear Parts

A Standard Ceramic Cups

Part Number	Description	Nozzle	Bore Size
T2CC04	Ceramic Cup	#4	6mm - 1/4"
T2CC05	Ceramic Cup	#5	8mm - 5/16"
T2CC06	Ceramic Cup	#6	10mm - 3/8"
T2CC07	Ceramic Cup	#7	11mm - 7/16"
T2CC08	Ceramic Cup	#8	12.5mm - 1/2"
T2CC10	Ceramic Cup	#10	16mm - 5/8"

B Standard Quartz Cups

Part Number	Description	Nozzle	Bore Size
T2QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T2QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T2QZ10	Standard Quartz Cup	#10	15mm - 5/8"

C Collet Body

Part Number	Description	Bore Size
T2CB10	Collet Body	1.0mm - 0.04"
T2CB16	Collet Body	1.6mm - 1/16"
T2CB20	Collet Body	2.0mm - 5/64"
T2CB24	Collet Body	2.4mm - 3/32"
T2CB32	Collet Body	3.2mm - 1/8"
T2CB40	Collet Body	4.0mm - 5/32"

D Gas Lens Collet Body

Part Number	Description	Bore Size
T2GL10	Gas Lens Collet Body	1.0mm - 0.04"
T2GL16	Gas Lens Collet Body	1.6mm - 1/16"
T2GL20	Gas Lens Collet Body	2.0mm - 5/64"
T2GL24	Gas Lens Collet Body	2.4mm - 3/32"
T2GL32	Gas Lens Collet Body	3.2mm - 1/8"
T2GL40	Gas Lens Collet Body	4.0mm - 5/32"

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

Please refer to Page 50.

High Performance Ceramics Available

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

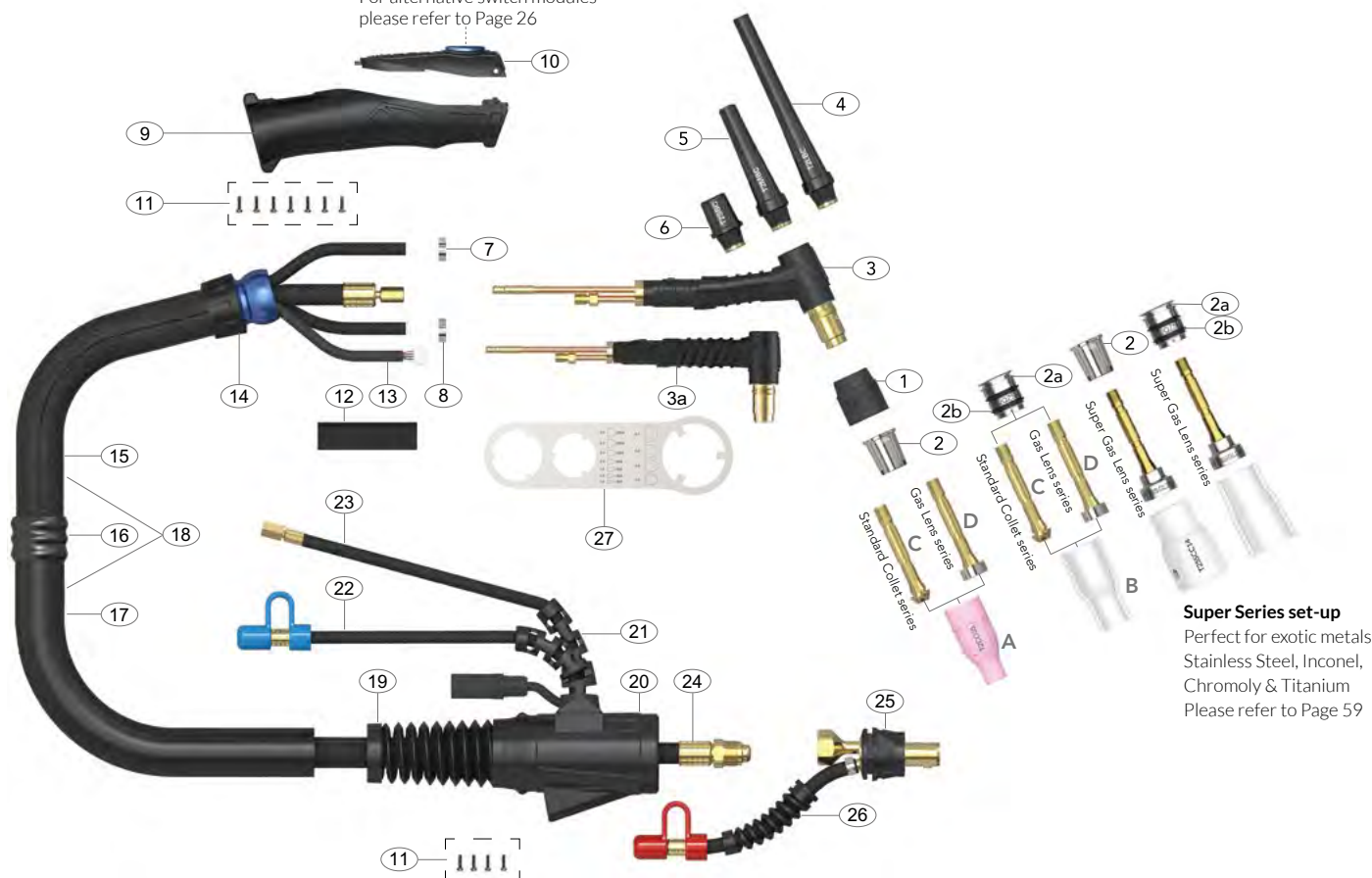
Please refer to Page 45

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER

For alternative switch modules
please refer to Page 26



Super Series set-up
Perfect for exotic metals
Stainless Steel, Inconel,
Chromoly & Titanium
Please refer to Page 59

Spare Parts

Part Number	Description	Part Number	Description
1 T2GS	Head Gasket	19 ATSLH26-S	Cable Support Large
2 T2SN	Heat Zone Isolator	20 ATSLH26-H	Surelok™ Housing Large
2a T2QZSN20	Quartz Heat Zone Isolator	21 ATSLH1820-S	Surelok™ Housing Support
2b QZR-D20	Special Seal Ring	22 AT45V070B-QWF#	Water Feed Hose x 12.5ft O/B Rubber
3 AT4501	T3W/T4W Torch Body Liquid-Cooled	AT45V080B-QWF#	Water Feed Hose x 25ft O/B Rubber
3a AT4501F	T3WFX/T4WFX Flexible Torch Body	23 ATN45V090B-QGS#	Gas Supply Hose x 12.5ft O/B Rubber
4 T2LBC	Long Back Cap	ATN45V100B-QGS#	Gas Supply Hose x 25ft O/B Rubber
5 T2MBC	Medium Back Cap	24 AT3520-4M-OB	Power Cable x 12.5ft Surelok™ O/B Rubber
6 T2SBC	Short Back Cap	AT3520-8M-OB	Power Cable x 25ft Surelok™ O/B Rubber
7 15400022	Water Hose Clamp 9.5mm	25 ATSL3550	Surelok™ Body & Support
8 15400020	Gas Hose Clamp 8.7mm	26 ATNSLOB-1-QWR#	Water Return Hose O/B
9 ATERH100	Arc Handle Kit	27 AT-SP	Spanner
*10 ATER1MS	Momentary Switch Kit		
11 ATPB2.6x8PB	Screw Pack		
12 ATHS22MM-130	Heat Shrink Tube		
13 ATERSWL4	Trigger Lead 12.5ft		
ATERSWL8	Trigger Lead 25ft		
14 ATERKJ200	Knuckle Joint		
15 ATERLC200-08	Leather Cover x 0.8mt		
16 ATERJK200	Joint Repair Kit		
17 ATERNCL-32	Neoprene Cover Assembly x 3.2m/10.5ft		
ATERNCL-72	Neoprene Cover Assembly x 7.2m/23.7ft		
18 ATERCO200-40	Sheath x 12.5ft Inc Leather Cover		
ATERCO200-80	Sheath x 25ft Inc Leather Cover		

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: AT45V070B-QWF1

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

Example: ATN45V070B-QGS4

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