

T4W / T4WFX Liquid-Cooled Tig Welding Torch

Ratings:	12.5ft : 450A DC, 315A AC @100% duty cycle. 1.6 to 4.8mm Electrode 25ft : 450A DC, 315A AC @60% duty cycle. 1.6 to 4.8mm Electrode
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An all-day high performance Tig torch suitable for Industrial level AC processes.

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 T4W-S1-4M-SL-QWF1-QWR1-QGS1 T4WFX-S1-4M-SL-QWF1-QWR1-QGS1	25ft T4W-S1-8M-SL-QWF1-QWR1-QGS1 T4WFX-S1-8M-SL-QWF1-QWR1-QGS1
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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
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"
T2CB48	Collet Body	4.8mm - 3/16"

D Gas Lens Collet Body

Part Number	Description	Bore Size
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"
T2GL48	Gas Lens Collet Body	4.8mm - 3/16"

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.

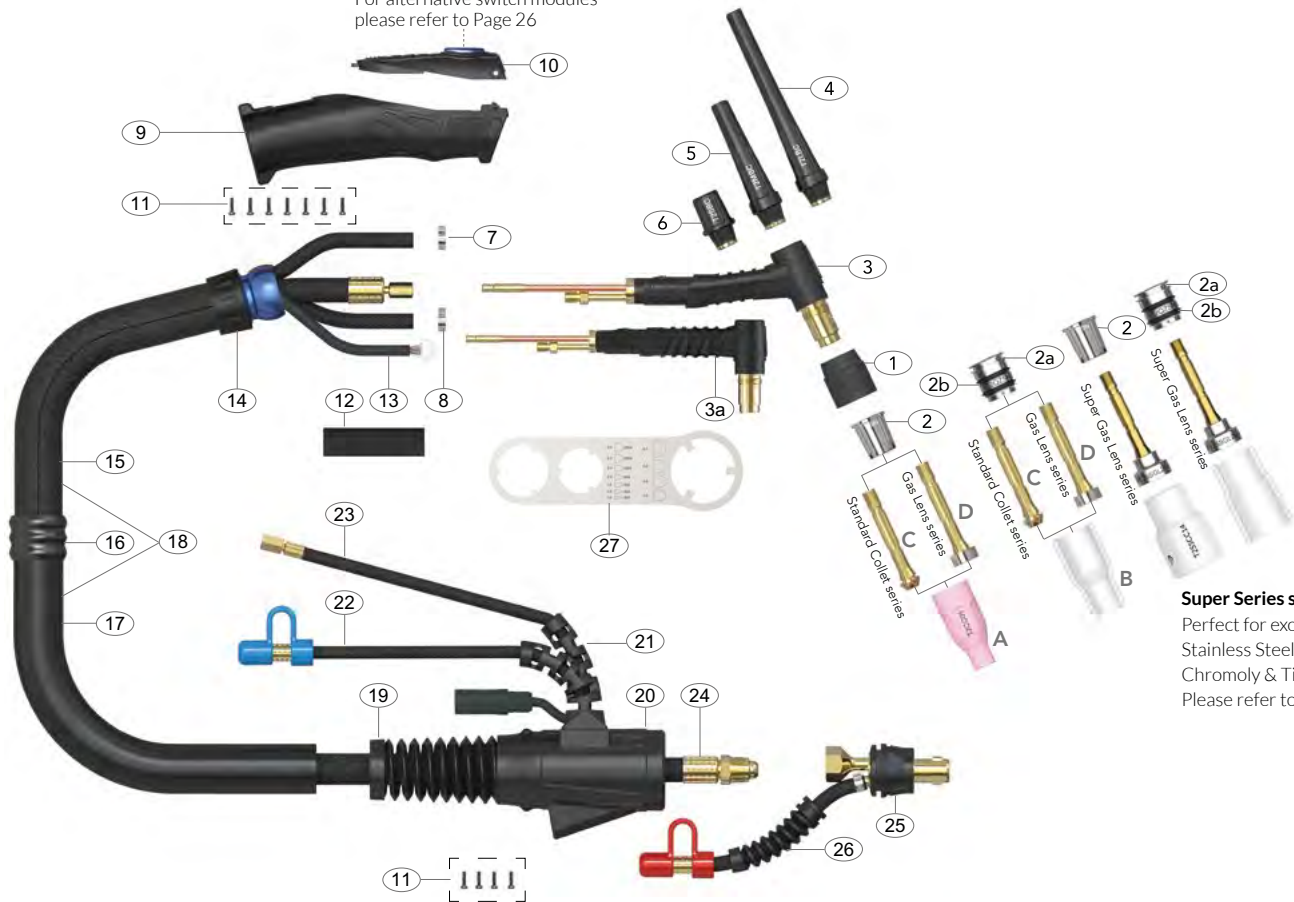
Please refer to Page 45

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 58

Spare Parts

Part Number	Description
1 T2GS	Head Gasket
2 T2SN	Heat Zone Isolator
2a T2QZSN20	Quartz Heat Zone Isolator
2b QZR-D20	Special Seal Ring
3 AT4501	T3W/T4W Torch Body Liquid-Cooled
3a AT4501F	T3WFX/T4WFX Flexible Torch Body
4 T2LBC	Long Back Cap
5 T2MBC	Medium Back Cap
6 T2SBC	Short Back Cap
7 15400022	Water Hose Clamp 9.5mm
8 15400020	Gas Hose Clamp 8.7mm
9 ATERH200	Arc Handle Kit
*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

Part Number	Description
19 ATSLH26-S	Cable Support Large
20 ATSLH26-H	Surelok™ Housing Large
21 ATSLH1820-S	Surelok™ Housing Support
22 AT45V07OB-QWF#	Water Feed Hose x 12.5ft O/B Rubber
AT45V08OB-QWF#	Water Feed Hose x 25ft O/B Rubber
23 ATN45V09OB-QGS#	Gas Supply Hose x 12.5ft O/B Rubber
ATN45V10OB-QGS#	Gas Supply Hose x 25ft O/B Rubber
24 AT4520-4M-OB	Power Cable x 12.5ft Surelok™ O/B Rubber
AT4520-8M-OB	Power Cable x 25ft Surelok™ O/B Rubber
25 ATSL3550	Surelok™ Body & Support
26 ATNSLOB-1-QWR#	Water Return Hose O/B
27 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: AT45V07OB-QWF1

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

Example: ATN45V07OB-QGS4

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