

T1W / T1WFX^{New} Liquid-Cooled Tig Welding Torch

Ratings: 330A DC, 230A AC @ 100% duty cycle, 1.0 to 4.0mm Electrode

The Arc T1W will outperform the WP20 and is the smallest Liquid-Cooled Arc Tig torch in the series. Rated at 330 Amps it has 40% more power than a WP20.

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

T1W-S1-4M-SL-QWF1-QWR1-QGS1
T1WFX-S1-4M-SL-QWF1-QWR1-QGS1

25ft

T1W-S1-8M-SL-QWF1-QWR1-QGS1
T1WFX-S1-8M-SL-QWF1-QWR1-QGS1



Wear Parts

A Standard Ceramic Cups

Part Number	Description	Nozzle	Bore Size
T1CC04	Ceramic Cup	#4	6mm - 1/4"
T1CC05	Ceramic Cup	#5	8mm - 5/16"
T1CC06	Ceramic Cup	#6	10mm - 3/8"
T1CC07	Ceramic Cup	#7	11mm - 7/16"
T1CC08	Ceramic Cup	#8	12.5mm - 1/2"
T1CC10	Ceramic Cup	#10	16mm - 5/8"

B Short Ceramic Cup

Part Number	Description	Nozzle	Bore Size
T1CC05S	Short Ceramic Cup	#5	8mm - 5/16"
T1CC07S	Short Ceramic Cup	#7	11mm - 7/16"
T1CC10S	Short Ceramic Cup	#10	15mm - 5/8"

C Standard Quartz Cups

Part Number	Description	Nozzle	Bore Size
T1QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T1QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T1QZ10	Standard Quartz Cup	#10	15mm - 5/8"

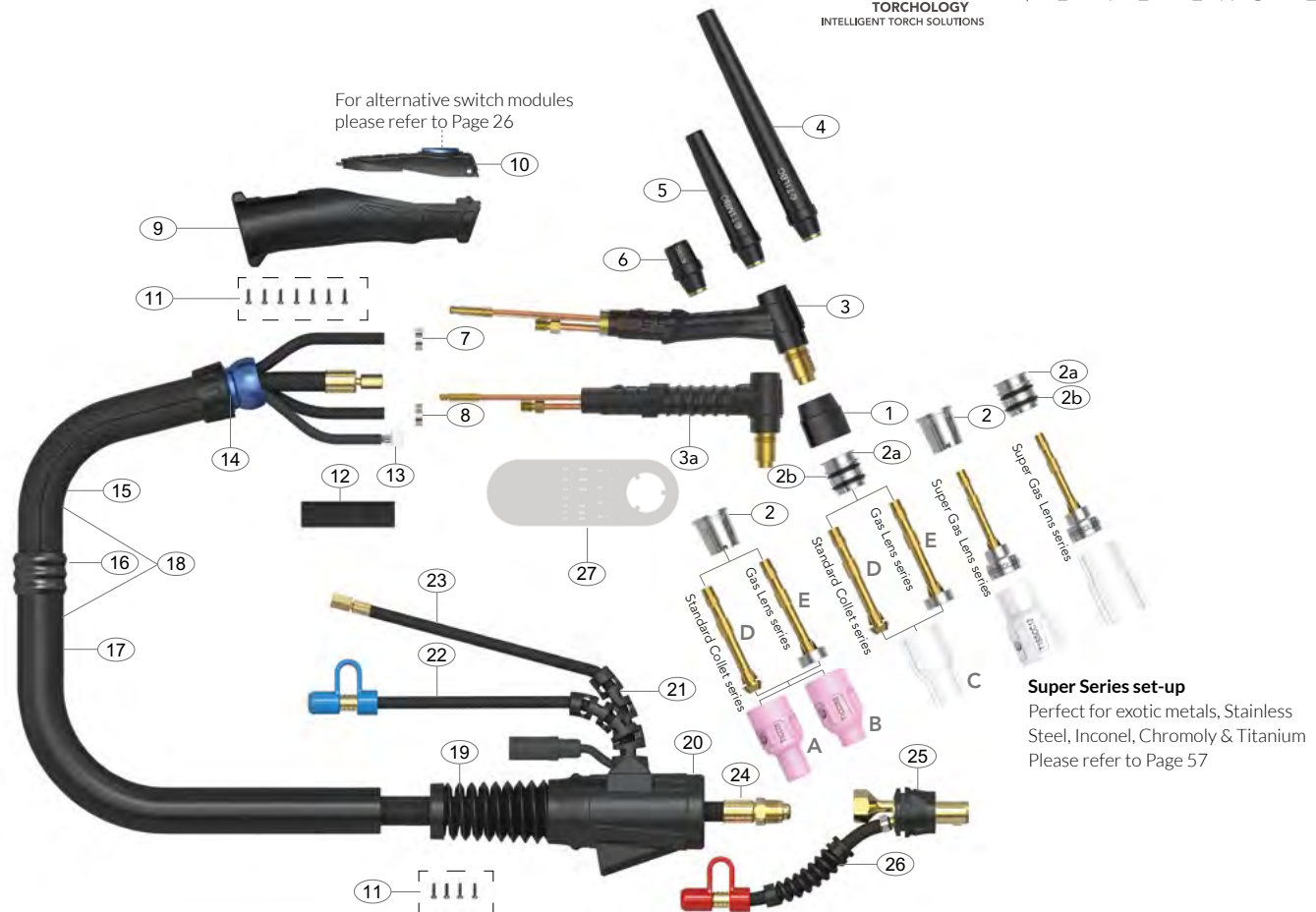
D Collet Body

Part Number	Description	Bore Size
T1CB10	Collet Body	1.0mm - 0.04"
T1CB16	Collet Body	1.6mm - 1/16"
T1CB20	Collet Body	2.0mm - 5/64"
T1CB24	Collet Body	2.4mm - 3/32"
T1CB32	Collet Body	3.2mm - 1/8"
T1CB40	Collet Body	4.0mm - 5/32"

E Gas Lens Collet Body

Part Number	Description	Bore Size
T1GL10	Gas Lens Collet Body	1.0mm - 0.04"
T1GL16	Gas Lens Collet Body	1.6mm - 1/16"
T1GL20	Gas Lens Collet Body	2.0mm - 5/64"
T1GL24	Gas Lens Collet Body	2.4mm - 3/32"
T1GL32	Gas Lens Collet Body	3.2mm - 1/8"
T1GL40	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.



Spare Parts

Part Number	Description	Part Number	Description
1 T1GS	Head Gasket	19 ATSLH26-S	Cable Support Large
2 T1SN	Heat Zone Isolator	20 ATSLH26-H	Surelok™ Housing Large
2a T1QZSN18	Quartz Heat Zone Isolator	21 ATSLH1820-S	Surelok™ Housing Support
2b QZR-D18	Special Seal Ring	22 AT45V07OB-QWF#	Water Feed Hose x 12.5ft O/B Rubber
3 AT3501	T1W Torch Body Liquid-Cooled	AT45V08OB-QWF#	Water Feed Hose x 25ft O/B Rubber
3a AT3501F	T1WFX Flexible Torch Body	23 ATN45V09OB-QGS#	Gas Supply Hose x 12.5ft O/B Rubber
4 T1LBC	Long Back Cap	ATN45V10OB-QGS#	Gas Supply Hose x 25ft O/B Rubber
5 T1MBC	Medium Back Cap	24 AT3320-4M-OB	Power Cable x 12.5ft Surelok™ O/B Rubber
6 T1SBC	Short Back Cap	AT3320-8M-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-S	Spanner Small
* 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: 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