

T1 / T1FX ^{New} Air-Cooled Tig Welding Torch

Ratings: 140A DC, 100A AC @35% duty cycle. 1.0 to 3.2mm Electrode

The Arc T1 is the smallest Air-Cooled Tig torch in the range.
At 140 Amps DC it has 15% more power than a WP9.

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 fittings, and switch options please refer to the Torch Configurators - pages 28-38.



12.5ft
T1-S1-4M-SL-QGS1
T1FX-S1-4M-SL-QGS1

25ft
T1-S1-8M-SL-QGS1
T1FX-S1-8M-SL-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	15mm - 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"

E Gas Lens Collet Body

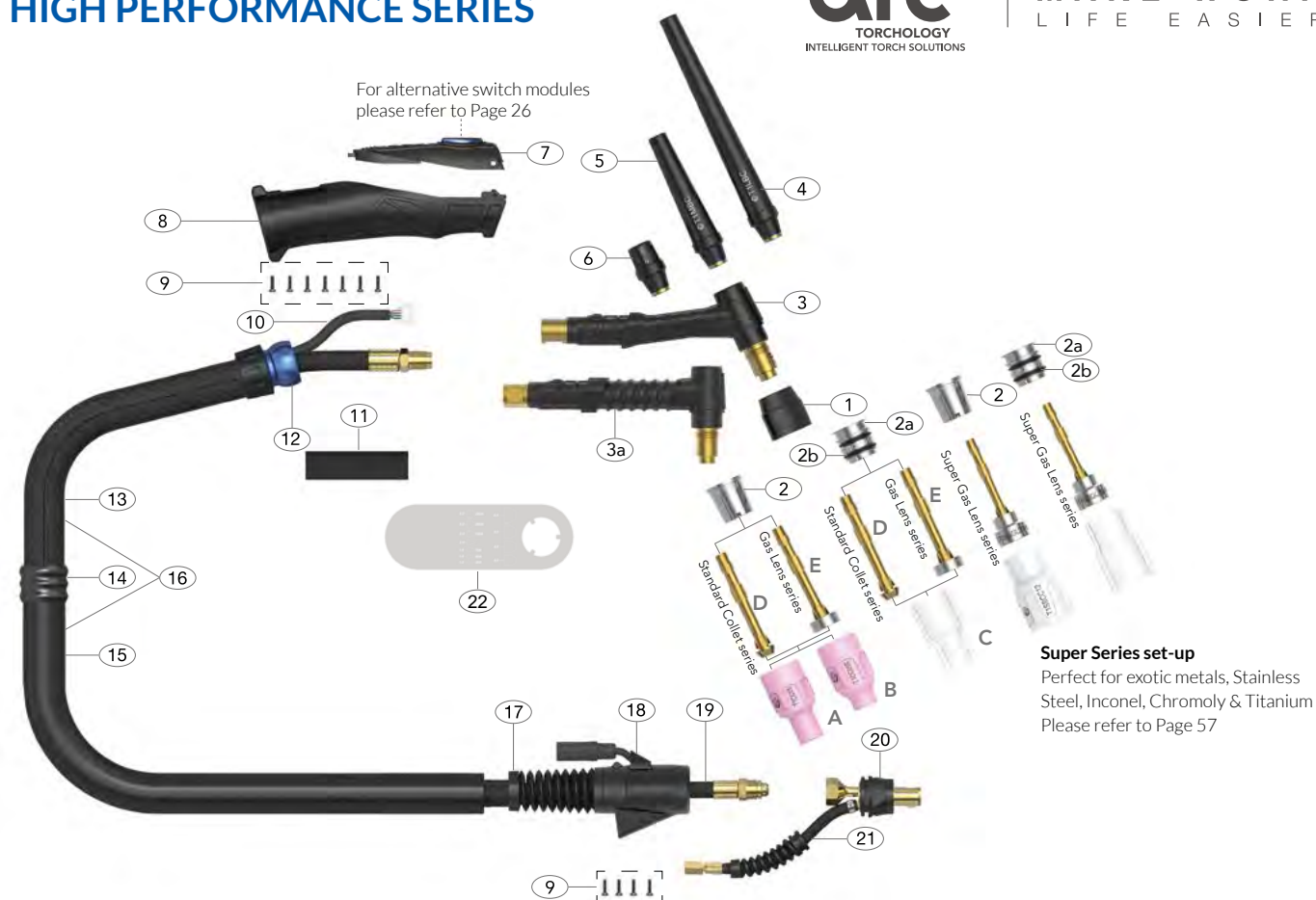
Part Number	Description	Bore Size
T1GL10	Gas Lens Collet Body	1.0mm - 0.04"
T1GL16	Gas Lens Collet Body	1.6mm - 1/16"
T1GL20	Gas Lens Collet Body	2.0mm - 5/64"
T1GL24	Gas Lens Collet Body	2.4mm - 3/32"
T1GL32	Gas Lens Collet Body	3.2mm - 1/8"

To set-up your Arc Tig Torch please add the relevant starter kit.
Please refer to Page 50.

HIGH PERFORMANCE SERIES



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Spare Parts

Part Number	Description
1	T1GS Head Gasket
2	T1SN Heat Zone Isolator
2a	T1QZSN18 Quartz Heat Zone Isolator
2b	QZR-D18 Special Seal Ring
3	AT1401 T1 Torch Body Air-Cooled
3a	AT1401F T1FX Flexible Torch Body Air-Cooled
4	T1LBC Long Back Cap
5	T1MBC Medium Back Cap
6	T1SBC Short Back Cap
*7	ATER1MS Momentary Switch Kit
8	ATERH100 Arc Handle Kit
9	ATPB2.6x8PB Screw Pack
10	ATERSWL4 Trigger Lead 12.5ft
	ATERSWL8 Trigger Lead 25ft
11	ATHS18MM-90 Heat Shrink Tube
12	ATERKJ100 Small Knuckle Joint
13	ATERLC100-08 Leather Cover x 0.8mt
14	ATERJK100 Joint Repair Kit
15	ATERNCS-32 Neoprene Cover Assembly x 3.2m/10.5ft
	ATERNCS-72 Neoprene Cover Assembly x 7.2m/23.7ft

Part Number	Description
16	ATERCO100-40 Sheath x 12.5ft Inc Leather Cover
	ATERCO100-80 Sheath x 25ft Inc Leather Cover
17	ATSLH917-S Cable Support Small
18	ATSLH917-H Surelok™ Housing Small
19	AT1420-4M-OB Power Cable x 12.5ft Surelok™ O/B Rubber
	AT1420-8M-OB Power Cable x 25ft Surelok™ O/B Rubber
20	ATSL3550 Surelok™ Body & Support
21	ATNSLOB-1-QGS# Gas Supply Hose O/B
22	AT-SP-S Spanner Small

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

Example: ATNSLOB01-QGS1

Gas Supply Hose Rapid Fit c/w 3/8" BSP