





# ARC T SERIES



# A Passion for Technology & Innovation

To produce hand tools that reach the pinnacle of performance, durability and functionality you have to be passionate about what you do.

At Arc Torchology the research and development department is the beating heart of our company.

Every single component is conceived, developed, manufactured and tested in-house.

Our development and testing activities are loaded with cutting edge technologies, many of which have been developed specifically by us to meet the very stringent demands we place on our design solutions.

These specialized, bespoke solutions allow us to develop products that surpass the prerequisite of industry standards, inventing increasingly more beneficial products that deliver maximum results for the operator.

FEATURING NEW TECHNOLOGIES



This is not business as usual.



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Arc Accessory Kits

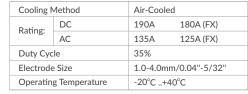
## Arc T Super Series System New

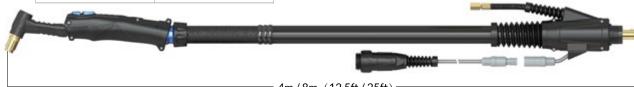
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# **TECHNICAL SPECIFICATIONS**

## **T2/T2FX**





<sup>4</sup>m/8m (12.5ft/25ft)

## **T3/T3FX**

Cooling Method		Air-Coole	Air-Cooled		
Dating	DC	240A	220A (FX)		
Rating:	AC	170A	155A (FX)		
Duty Cycle		35%			
Electrode Size		1.0-4.8m	1.0-4.8mm/0.04"-3/16"		
Operating Temperature		-20°C+	40°C		

4	m/8m (12.5ft/25ft)

# LIQUID-COOLED

# T3W/T3WFX

Cooling N	1ethod		Liquid-Co	Liquid-Cooled	
Length			4m	8m	
	DC	1200W	400A	400A	
Rating:	AC	1200W	280A	280A	
Rating.	DC	1600W	-	-	
	AC	1600W	-	-	
Duty Cycle 100% 60%		60%			
Electrode	Size		1.0 - 4.0mm / 0.04''-5/32''		
Minimum	Liquid Flow	r Rate	1.5 l/min		
Minimum Liquid Inlet Pressure 3.0 Bar					
Maximum Liquid Inlet Pressure 5.0 Bar		5.0 Bar			
Maximum	faximum Liquid Inlet Temperature 50°C				
Operating	Operating Temperature		-20°C+40°C		





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# LIQUID-COOLED

Arc T High Performance	<b>Tig Series</b>
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## T4W/T4WFX

Cooling Me	ethod	Liquid-Cooled
Length		4m 8m
	DC 1200W	450A 400A
Rating:	AC 1200W	315A 280A
Rating.	DC 1600W	450A 450A
	AC 1600W	315A 315A
Duty Cycle		100% 60%
Electrode S	bize	1.6- 4.8mm / 1/16"-3/16"
Minimum L	iquid Flow Rate	1.5 l/min
Minimum Liquid Inlet Pressure 3.0 Bar		3.0 Bar
Maximum Liquid Inlet Pressure 5.0 Bar		5.0 Bar
Maximum I	Liquid Inlet Temperature	50°C
Operating -	Temperature	-20°C+40°C



## T5W/T5WFX

Cooling N	/lethod		Liquid-Cooled		
Length			4m 8m		
	DC	1200W	550A	500A	
Rating:	AC	1200W	385A	350A	
10010	DC	1600W	550A	550A	
	AC	1600W	385A	385A	
Duty Cyc	Duty Cycle 100% 60%		60%		
Electrode	de Size 1.6- 6.4mm / 1/16"-1/4"		n / 1/16"-1/4"		
Minimum Liquid Flow Rate 1.5 l/min					
Minimum	Minimum Liquid Inlet Pressure		3.0 Bar		
Maximum Liquid Inlet Pressure		5.0 Bar			
Maximum Liquid Inlet Temperature 50%		50°C			
Operating Temperature		-20°C+4	-20°C+40°C		



3

# T2 / T2FX Air-Cooled Tig Welding Torch

Datinger	T2: 190A DC, 135A AC @35% duty cycle. 1.0 to 4.0mm Electrode
Katings.	T2FX: 180A DC, 125A AC @35% duty cycle. 1.0 to 4.0mm Electrode

The Arc T2 is the same size as a WP17 with better performance than a WP26. Its unique consumable design make it a reliable all-day Industrial level Air-Cooled Torch

### ARC T HIGH PERFORMANCE TIG TORCH PACKAGES

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

For alternate terminations, gas fittings, and switch options please refer to the Torch Configurators - pages 18-24.



4m - 12.5ft T2-S1-4M-SL-QGS1 T2FX-S1-4M-SL-QGS1 8m - 25ft T2-S1-8M-SL-QGS1 T2FX-S1-8M-SL-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 New

Part Number	Description	Nozzle	Bore Size
T2QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T2QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T2QZ09	Standard Quartz Cup	#9	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"

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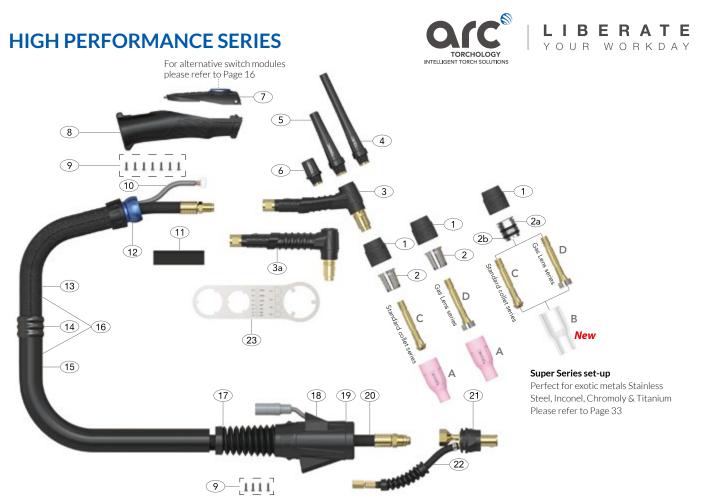
D Gas Lens Collet Body

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"

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To set-up your Arc Tig Torch please add the relevant starter kit. Please refer to Page 30.





## **Spare Parts**

	Part Number	Description		Part Number	Description
1	T2GS	Head Gasket	16	ATERCO150-40	Sheath x 4m/12.5ft Inc Leather Cover
2	T2SN	Heat Zone Isolator		ATERCO150-80	Sheath x 8m/25ft Inc Leather Cover
2a	T2QZSN20	Quartz Heat Zone Isolator	17	ATSLH26-S	Cable Support Large
2b	QZR-D20	Special Seal Ring	18	ATSLH26-C	Surelok <sup>™</sup> Housing Cover
3	AT1501	T2 Torch Body Air-Cooled	19	ATSLH26-H	Surelok <sup>™</sup> Housing Large
3a	AT1501F	T2FX Flexible Torch Body Air-Cooled	20	AT2120-4M-OB	Power Cable x 4m/12.5ft Surelok™ O/B Rubber
4	T2LBC	Large Back Cap		AT2120-8M-OB	Power Cable x 8m/25ft Surelok™ O/B Rubber
5	T2MBC	Medium Back Cap	21	ATSL3550	Surelok™ Body & Support
6	T2SBC	Small Back Cap	22	ATNSLOB-1-QGS#	Gas Supply Hose O/B
*7	ATER1MS	Momentary Switch Kit	23	AT-SP	Spanner
8	ATERH100	Arc Handle Kit	*NI	ata 7 Farinformation a	e elternetive evitebre edules places refer to Dass 1/
9	ATPB2.6x8PB	Screw Pack			n alternative switch modules please refer to Page 16.
10	ATERSWL4	Trigger Lead 4m/12.5ft		is supply hoses are specifie e gas supply hose table on	ed by utilizing the part number and a termation suffix from
	ATERSWL8	Trigger Lead 8m/25ft		ample: ATNSLOB01-QG	·
11	ATHS18MM-90	Heat Shrink Tube		is Supply Hose Rapid Fit c/	
12	ATERKJ200	Knuckle Joint	00	5 6 6 pp ( ) 1 1 6 5 6 1 6 pl 6 1 12 6,	
13	ATERLC200-08	Leather Cover x 0.8mt			
14	ATERJK200	Joint Repair Kit			
15	ATERNCM-32	Neoprene Cover Assembly x 3.2m/10.5ft			
	ATERNCM-72	Neoprene Cover Assembly x 7.2m/23.7ft			

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# T3 / T3FX Air-Cooled Tig Welding Torch

Datinger	T3: 240A DC, 170A AC @35% duty cycle. 1.0 to 4.8mm Electrode
Ratings:	T3FX: 220A DC, 155A AC @35% duty cycle. 1.0 to 4.8mm Electrode

The World's most powerful Air-Cooled Tig torch.

The T3 has 35% more power than a WP26 from the same size footprint and is suitable for AC processes normally requiring Liquid-Cooled torches

## **ARC T HIGH PERFORMANCE TIG TORCH PACKAGES**

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

For alternate terminations, gas fittings, and switch options please refer to the Torch Configurators - pages 18-24.



4m - 12.5ft T3-S1-4M-SL-QGS1 T3FX-S1-4M-SL-QGS1 8m - 25ft T3-S1-8M-SL-QGS1 T3FX-S1-8M-SL-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"

#### **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"

#### C Collet Body

Part Number	Description	Bore Size
T3CB10	Collet Body	1.0mm - 0.04"
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"

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#### D Gas Lens Collet Body

Part Number	Description	Bore Size
T3GL10	Gas Lens Collet Body	1.0mm - 0.04"
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"

#### E Large Gas Lens Collet Body

Part Number	Description	Bore Size
T5LGL10	Large Gas Lens Collet Body	1.0mm - 0.04"
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"

To set-up your Arc Tig Torch please add the relevant starter kit. Please refer to Page 30.









### **Spare Parts**

	Part Number	Description	_	Part Number	Description
1	T3LGS	Large Head Gasket	18	ATERCO150-40	Sheath x 4m/12.5ft Inc Leather Cover
2	T3LSN	Large Heat Zone Isolator		ATERCO150-80	Sheath x 8m/25ft Inc Leather Cover
2a	T3QZSN23	Quartz Heat Zone Isolator	19	ATSLH26-S	Cable Support Large
2b	QZR-D23	Special Seal Ring	20	ATSLH26-C	Surelok <sup>™</sup> Housing Cover
3	T3GS	Head Gasket	21	ATSLH26-H	Surelok <sup>™</sup> Housing Large
4	T3SN	Heat Zone Isolator	22	AT2620-4M-OB	Power Cable x 4m/12.5ft Surelok™ O/B Rubber
5	AT2601	T3 Torch Body Air-Cooled		AT2620-8M-OB	Power Cable x 8m/25ft Surelok™ O/B Rubber
5a	AT2601F	T3FX Flexible Torch Body Air-Cooled	23	ATSL3550	Surelok <sup>™</sup> Body & Support
6	T3LBC	Large Back Cap	24	• ATNSLOB-1-QGS#	Gas Supply Hose O/B
7	ТЗМВС	Medium Back Cap	25	AT-SP	Spanner
8	T3SBC	Short Back Cap			
*9	ATER1MS	Momentary Switch Kit	*N	ote: 9 – For information o	n alternative switch modules please refer to Page 16.
10	ATERH200	Arc Handle Kit			ed by utilizing the part number and a termation suffix from
11	ATPB2.6x8PB	Screw Pack		e gas supply hose table on	· ·
12	ATERSWL4	Trigger Lead 4m/12.5ft		ample: ATNSLOB01-QG	
	ATERSWL8	Trigger Lead 8m/25ft	Ga	ns Supply Hose Rapid Fit c/	W 3/8 B3P
13	ATHS18MM-90	Heat Shrink Tube			
14	ATERKJ200	Knuckle Joint			
15	ATERLC200-08	Leather Cover x 0.8mt			
16	ATERJK200	Joint Repair Kit			
17	ATERNCM-32	Neoprene Cover Assembly x 3.2m/10.5ft			
	ATERNCM-72	Neoprene Cover Assembly x 7.2m/23.7ft			

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# T3W / T3WFX New Liquid-Cooled Tig Welding Torch

Ratings: T3W: 400A DC, 280A AC @ 100% duty cycle, 1.0 to 4.8mm Electrode T3WFX: 400A DC, 280A AC @ 60% duty cycle, 1.0 to 4.8mm 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<sup>™</sup> 35-50mm Dinse style termination as standard.

For alternate terminations, gas and water fittings, and switch options please refer to the Torch Configurators - pages 18-24.



4m - 12.5ft T3W-S1-4M-SL-QWF1-QWR1-QGS1 T3WFX-S1-4M-SL-QWF1-QWR1-QGS1 8m - 25ft T3W-S1-4M-SL-QWF1-QWR1-QGS1 T3WFX-S1-4M-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 New

Part Number	Description	Nozzle	Bore Size
T2QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T2QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T2QZ09	Standard Quartz Cup	#9	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"



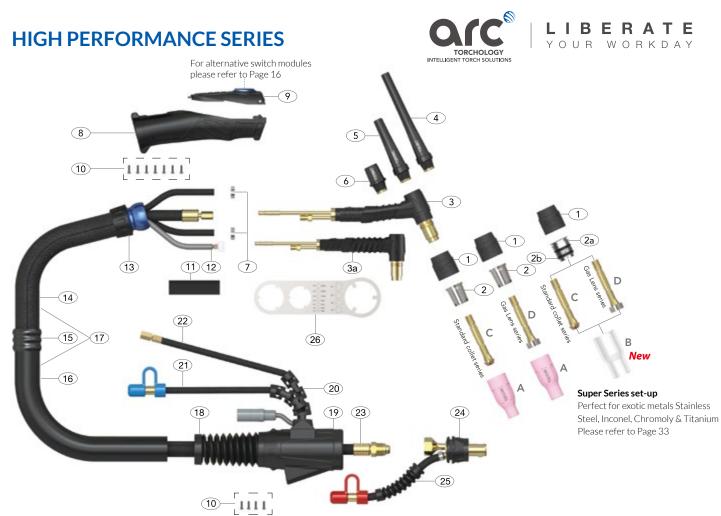


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Part Number	Description	Bore Size
T2GL10	Gas Lens Collet Body	1.0mm - 0.04"
T2GL16	Gas Lens Collet Body	1.6mm - 1/16"
T2GL20	Gas Lens Collet Body	2.0mm - 5/64"
T2GL24	Gas Lens Collet Body	2.4mm - 3/32"
T2GL32	Gas Lens Collet Body	3.2mm - 1/8"
T2GL40	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 30.



### **Spare Parts**

	Part Number	Description		Part Number	Description
1	T2GS	Head Gasket	18	ATSLH26-S	Cable Support Large
2	T2SN	Heat Zone Isolator	19	ATSLH26-H	Surelok <sup>™</sup> Housing Large
2a	T2QZSN20	Quartz Heat Zone Isolator	20	ATSLH1820-S	Surelok <sup>™</sup> Housing Support
2b	QZR-D20	Special Seal Ring	21	AT45V07OB-QWF#	Water Feed Hose x 4m/12.5ft O/B Rubber
3	AT4501	T3W/T4W Torch Body Liquid-Cooled		AT45V08OB-QWF#	Water Feed Hose x 8m/25ft O/B Rubber
3a	AT4501F <b>New</b>	T3WFX/T4WFX Flexible Torch Body	22	ATN45V09OB-QGS#	Gas Supply Hose x 4m/12.5ft O/B Rubber
4	T2LBC	Long Back Cap		ATN45V10OB-QGS#	Gas Supply Hose x 8m/25ft O/B Rubber
5	T2MBC	Medium Back Cap	23	AT3520-4M-OB	Power Cable x 4m/12.5ft Surelok <sup>™</sup> O/B Rubber
6	T2SBC	Short Back Cap		AT3520-8M-OB	Power Cable x 8m/25ft Surelok™ O/B Rubber
7	ATB5025S	Water Hose Clamp 8.0mm	24	ATSL3550	Surelok™ Body & Support
8	ATERH100	Arc Handle Kit	25	ATNSLOB-1-QWR#	Water Return Hose O/B
*9	ATER1MS	Momentary Switch Kit	26	AT-SP	Spanner
10	ATPB2.6x8PB	Screw Pack			
11	ATHS22MM-130	Heat Shrink Tube	*N	ote: 9 – For information on	alternative switch modules please refer to Page 16.
12	ATERSWL4	Trigger Lead 4m/12.5ft	Wa	ater feed and gas supply hos	ses are specified by utilizing the part number and a
	ATERSWL8	Trigger Lead 8m/25ft	ter	mination suffix from the wa	ater feed and gas supply hose table on Page 14.
13	ATERKJ200	Knuckle Joint	Ex	ample: AT45V07OB-QWI	F1
14	ATERLC200-08	Leather Cover x 0.8mt	Wa	ater Feed Hose Rapid Fit x 4	4m / 12.ft c/w 8.9mm Quick Fit
15	ATERJK200	Joint Repair Kit	Ex	ample: ATN45V07OB-QG	iS1
16	ATERNCL-32	Neoprene Cover Assembly x 3.2m/10.5ft	Ga	as Supply Hose Rapid Fit x 4	m / 12.ft c/w 8.9mm Quick Fit
	ATERNCL-72	Neoprene Cover Assembly x 7.2m/23.7ft			
17	ATERCO200-40	Sheath x 4m/12.5ft Inc Leather Cover			
	ATERCO200-80	Sheath x 8m/25ft Inc Leather Cover			



# T4W / T4WFX New Liquid-Cooled Tig Welding Torch

Ratings: 4M: 450A DC, 315A AC @100% duty cycle. 1.6 to 4.8mm Electrode 8M: 450A DC, 315A AC @60% duty cycle. 1.6 to 4.8mm Electrode

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<sup>™</sup> 35-50mm Dinse style termination as standard.

For alternate terminations, gas and water fittings, and switch options please refer to the Torch Configurators - pages 18-24.



4m - 12.5ft T4W-S1-4M-SL-QWF1-QWR1-QGS1 T4WFX-S1-4M-SL-QWF1-QWR1-QGS1 8m - 25ft T4W-S1-8M-SL-QWF1-QWR1-QGS1 T4WFX-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 New

Part Number	Description	Nozzle	Bore Size
T2QZ06	Standard Quartz Cup	#6	10mm - 3/8"
T2QZ08	Standard Quartz Cup	#8	12mm - 1/2"
T2QZ09	Standard Quartz Cup	#9	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"

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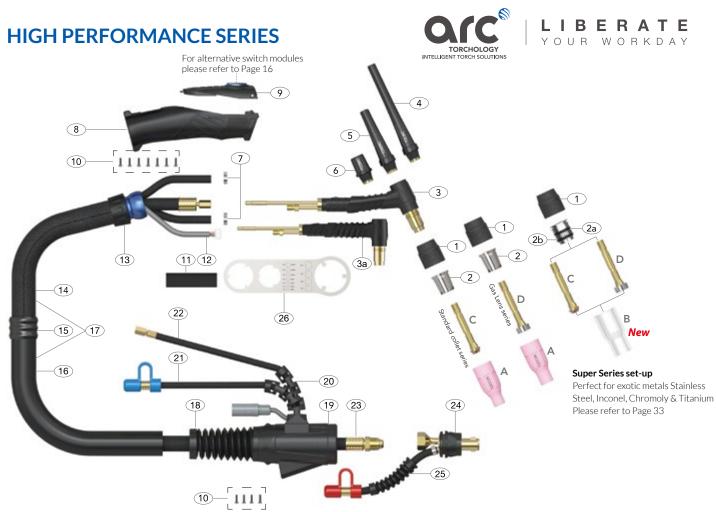


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#### D Gas Lens Collet Body

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 30.



### **Spare Parts**

	Part Number	Description	_	Part Number	Description
1	T2GS	Head Gasket	18	ATSLH26-S	Cable Support Large
2	T2SN	Heat Zone Isolator	19	ATSLH26-H	Surelok™ Housing Large
2a	T2QZSN20	Quartz Heat Zone Isolator	20	ATSLH1820-S	Surelok <sup>™</sup> Housing Support
2b	QZR-D20	Special Seal Ring	21	AT45V07OB-QWF#	Water Feed Hose x 4m/12.5ft O/B Rubber
3	AT4501	T3W/T4W Torch Body Liquid-Cooled		AT45V08OB-QWF#	Water Feed Hose x 8m/25ft O/B Rubber
3a	AT4501F <b>New</b>	T3WFX/T4WFX Flexible Torch Body	22	ATN45V09OB-QGS#	Gas Supply Hose x 4m/12.5ft O/B Rubber
4	T2LBC	Long Back Cap		ATN45V10OB-QGS#	Gas Supply Hose x 8m/25ft O/B Rubber
5	T2MBC	Medium Back Cap	23	AT4520-4M-OB	Power Cable x 4m/12.5ft Surelok™ O/B Rubber
6	T2SBC	Short Back Cap		AT4520-8M-OB	Power Cable x 8m/25ft Surelok™ O/B Rubber
7	ATB5025S	Water Hose Clamp 8.0mm	24	ATSL3550	Surelok™ Body & Support
8	ATERH200	Arc Handle Kit	25	ATNSLOB-1-QWR#	Water Return Hose O/B
*9	ATER1MS	Momentary Switch Kit	26	AT-SP	Spanner
10	ATPB2.6x8PB	Screw Pack			
11	ATHS22MM-130	Heat Shrink Tube	*N	ote: 9 – For information on	alternative switch modules please refer to Page 16.
12	ATERSWL4	Trigger Lead 4m/12.5ft	W	ater feed and gas supply hos	ses are specified by utilizing the part number and a
	ATERSWL8	Trigger Lead 8m/25ft		0 11 /	ater feed and gas supply hose table on Page 14.
13	ATERKJ200	Knuckle Joint	Ex	ample: AT45V07OB-QWF	-1
14	ATERLC200-08	Leather Cover x 0.8mt	W	ater Feed Hose Rapid Fit x 4	4m / 12.ft c/w 8.9mm Quick Fit
15	ATERJK200	Joint Repair Kit	Ex	ample: ATN45V07OB-QG	S1
16	ATERNCL-32	Neoprene Cover Assembly x 3.2m/10.5ft	Ga	s Supply Hose Rapid Fit x 4	m / 12.ft c/w 8.9mm Quick Fit
	ATERNCL-72	Neoprene Cover Assembly x 7.2m/23.7ft			
17	ATERCO200-40	Sheath x 4m/12.5ft Inc Leather Cover			
	ATERCO200-80	Sheath x 8m/25ft Inc Leather Cover			

# T5W / T5WFX New Liquid-Cooled Tig Welding Torch

Ratings: 4M: 8M:

4M: 550A DC, 385A AC @100% duty cycle. 1.6 to 6.4mm Electrode 8M: 550A DC, 385A AC @60% duty cycle. 1.6 to 6.4mm Electrode

The World's most powerful Tig torch for the most demanding performance applications

## ARC T HIGH PERFORMANCE TIG TORCH PACKAGES

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

For alternate terminations, gas and water fittings, and switch options please refer to the Torch Configurators - pages 18-24.



4m - 12.5ft T5W-S1-4M-SL-QWF1-QWR1-QGS1 T5WFX-S1-4M-SL-QWF1-QWR1-QGS1 8m - 25ft T5W-S1-8M-SL-QWF1-QWR1-QGS1 T5WFX-S1-8M-SL-QWF1-QWR1-QGS1

BERATE

OUB

### **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

Description	Nozzle	Bore Size
arge Gas Lens Ceramic Cup	#8	12.5mm - 1/2"
arge Gas Lens Ceramic Cup	#10	16mm - 5/8"
arge Gas Lens Ceramic Cup	#12	19mm - 3/4"
arge Gas Lens Ceramic Cup	#14	24mm 15/16"
_	arge Gas Lens Ceramic Cup arge Gas Lens Ceramic Cup arge Gas Lens Ceramic Cup	arge Gas Lens Ceramic Cup #8 arge Gas Lens Ceramic Cup #10 arge Gas Lens Ceramic Cup #12

#### 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 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"

#### E Large Gas Lens Collet Body

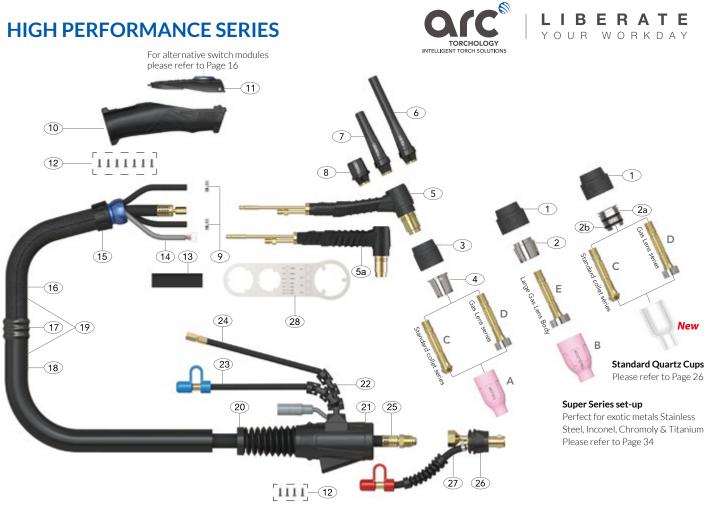
Part Number	Description	Bore Size
T5LGL16	Large Gas Lens Collet Body	1.6mm - 1/16"
T5LGL20	Large Gas Lens Collet Body	2.0mm - 5/64"
T5LGL24	Large Gas Lens Collet Body	2.4mm - 3/32"
T5LGL32	Large Gas Lens Collet Body	3.2mm - 1/8"
T5LGL40	Large Gas Lens Collet Body	4.0mm - 5/32"
T5LGL48	Large Gas Lens 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 30.





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### **Spare Parts**

	Part Number	Description		Part Number	Description
1	T3LGS	Large Head Gasket	20	ATSLH26-S	Cable Support Large
2	T3LSN	Large Heat Zone Isolator	21	ATSLH26-H	Surelok <sup>™</sup> Housing Large
2a	T3QZSN23	Quartz Heat Zone Isolator	22	ATSLH1820-S	Surelok <sup>™</sup> Housing Support
2b	QZR-D23	Special Seal Ring	23	AT45V07OB-QWF#	Water Feed Hose x 4m/12.5ft O/B Rubber
3	T3GS	Head Gasket		AT45V08OB-QWF#	Water Feed Hose x 8m/25ft O/B Rubber
4	T3SN	Heat Zone Isolator	24	ATN45V09OB-QGS#	Gas Supply Hose x 4m/12.5ft O/B Rubber
5	AT5501	T5W Torch Body Liquid-Cooled		ATN45V100B-QGS#	Gas Supply Hose x 8m/25ft O/B Rubber
5a	AT5501F <b>New</b>	T5W/T5WFX Flexible Torch Body	25	AT5520-4M-OB	Power Cable x 4m/12.5ft Surelok™ O/B Rubber
6	T3LBC	Long Back Cap		AT5520-8M-OB	Power Cable x 8m/25ft Surelok™ O/B Rubber
7	ТЗМВС	Medium Back Cap	26	ATSL3550	Surelok™ Body & Support
8	T3SBC	Short Back Cap	27	ATNSLOB-1-QWR#	Water Return Hose O/B
9	ATB5025S	Water Hose Clamp 8.0mm	28	AT-SP	Spanner
10	ATERH200	Arc Handle Kit			
*11	ATER1MS	Momentary Switch Kit	*N	ote: 11 – For information or	alternative switch modules please refer to Page 16.
12	ATPB2.6x8PB	Screw Pack	Wa	ater feed and gas supply hos	es are specified by utilizing the part number and a
13	ATHS22MM-130	Heat Shrink Tube	ter	mination suffix from the wa	ter feed and gas supply hose table on Page 14.
14	ATERSWL4	Trigger Lead 4m/12.5ft	Ex	ample: AT45V07OB-QWF	1
	ATERSWL8	Trigger Lead 8m/25ft	Wa	ater Feed Hose Rapid Fit x 4	m / 12.ft c/w 8.9mm Quick Fit
15	ATERKJ200	Knuckle Joint	Ex	ample: ATN45V07OB-QG	51
16	ATERLC200-08	Leather Cover x 0.8mt	Ga	as Supply Hose Rapid Fit x 4r	n / 12.ft c/w 8.9mm Quick Fit
17	ATERJK200	Joint Repair Kit			
18	ATERNCL-32	Neoprene Cover Assembly x 3.2m/10.5ft			
	ATERNCL-72	Neoprene Cover Assembly x 7.2m/23.7ft			
19	ATERCO200-40	Sheath x 4m/12.5ft Inc Leather Cover			
	ATERCO200-80	Sheath x 8m/25ft Inc Leather Cover			

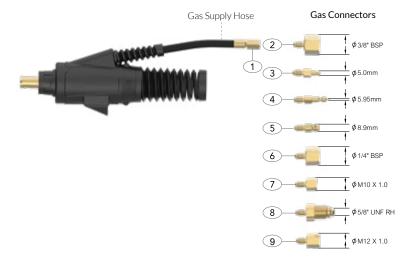
# **ARC T RAPID FIT CONNECTION** SYSTEM New



A new flexible system of quickly changing Gas and Liquid supply hoses at Point of Sale.

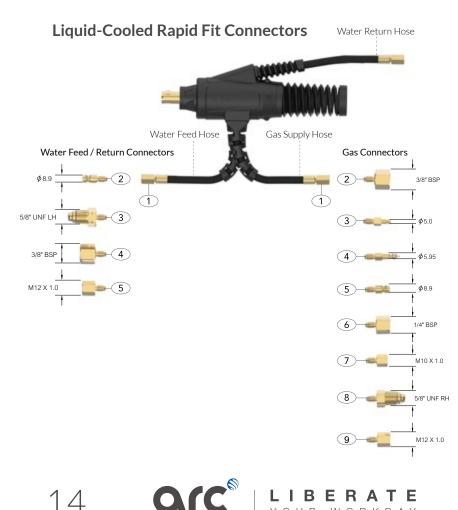
- Removes the necessity to cut and re-crimp terminations
- All terminations interchange on a common hose connector
- All terminations can be removed and recoupled with a standard spanner and Allen key

### **Air-Cooled Rapid Fit Connectors**



#### **Gas Supply Hose - Rapid Fit**

	Part No.	Description
1	QGS0	Open
2	QGS1	Gas Supply Hose c/w 3/8" BSP
3	QGS2	Gas Supply Hose c/w 5.0mm Quick Fit
4	QGS3	Gas Supply Hose c/w 5.95mm Quick Fit
5	QGS4	Gas Supply Hose c/w 8.9mm Quick Fit
6	QGS5	Gas Supply Hose c/w 1/4" BSP
7	QGS6	Gas Supply Hose c/w M10 x 1.0
8	QGS7	Gas Supply Hose c/w 5/8" UNF RH
9	QGS8	Gas Supply Hose c/w M12 x 1.0



TORCHOLOGY INTELLIGENT TORCH SOLUTIONS WORKDAY

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#### Water Feed Hose - Rapid Fit

	Part No.	Description
1	QWF0	Open
2	QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3	QWF2	Water Feed Hose c/w 5/8" UNF LH
4	QWF3	Water Feed Hose c/w 3/8" BSP
5	QWF4	Water Feed Hose c/w M12 x 1.0

#### Water Return Hose - Rapid Fit

	Part No.	Description
1	QWR0	Open
2	QWR1	Water Return Hose c/w 8.9mm Quick Fit
3	QWR2	Water Return Hose c/w 5/8" UNF LH
4	QWR3	Water Return Hose c/w 3/8" BSP
5	QWR4	Water Return Hose c/w M12 x 1.0

### **Gas Supply Hose - Rapid Fit**

	Part No.	Description
1	QGS0	Open
2	QGS1	Gas Supply Hose c/w 3/8" BSP
3	QGS2	Gas Supply Hose c/w 5.0mm Quick Fit
4	QGS3	Gas Supply Hose c/w 5.95mm Quick Fit
5	QGS4	Gas Supply Hose c/w 8.9mm Quick Fit
6	QGS5	Gas Supply Hose c/w 1/4" BSP
7	QGS6	Gas Supply Hose c/w M10 x 1.0
8	QGS7	Gas Supply Hose c/w 5/8" UNF RH
9	QGS8	Gas Supply Hose c/w M12 x 1.0

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# ARC T RAPID FIT REFERENCE TABLE



### Gas Supply Hose - Rapid Fit

	Part No.	Description	Surelok Air-Cooled	Surelok Liquid-Cooled	Surelok GT Air-Cooled	Surelok GT Liquid-Cooled	Surelok QD Air-Cooled	Surelok QD Liquid-Cooled	Surelok QD 5 Liquid-Cooled
1	QGS0	Open	•	٠	0	0	0	٠	0
2	QGS1	Gas Supply Hose c/w 3/8" BSP	•	•	0	0	0	•	0
3	QGS2	Gas Supply Hose c/w 5.0mm Quick Fit	•	٠	0	0	0	•	0
4	QGS3	Gas Supply Hose c/w 5.95mm Quick Fit	•	•	$\circ$	$\circ$	0	•	0
5	QGS4	Gas Supply Hose c/w 8.9mm Quick Fit	•	•	$\circ$	$\circ$	0	٠	0
6	QGS5	Gas Supply Hose c/w 1/4" BSP	•	•	0	$\circ$	0	٠	0
7	QGS6	Gas Supply Hose c/w M10 x 1.0	•	•	0	$\circ$	0	٠	0
8	QGS7	Gas Supply Hose c/w 5/8" UNF RH		٠	0	0	0	•	0
9	QGS8	Gas Supply Hose c/w M12 x 1.0		٠	0	0	0	٠	0

### Water Feed Hose - Rapid Fit

	Part No.	Description	Surelok Air-Cooled	Surelok Liquid-Cooled	Surelok GT Air-Cooled	Surelok GT Liquid-Cooled	Surelok QD Air-Cooled	Surelok QD Liquid-Cooled	Surelok QD 5 Liquid-Cooled
1	QWF0	Open	0	٠	0	٠	0	•	•
2	QWF1	Water Feed Hose c/w 8.9mm Quick Fit	0	•	0	•	0	•	•
3	QWF2	Water Feed Hose c/w 5/8" UNF LH	0	•	0	•	0	•	•
4	QWF3	Water Feed Hose c/w 3/8" BSP	0	•	0	•	$\circ$	•	•
5	QWF4	Water Feed Hose c/w M12 x 1.0	0	٠	0	٠	0	٠	•

### Water Return - Rapid Fit

	Part No.	Description	Surelok Air-Cooled	Surelok Liquid-Cooled	Surelok GT Air-Cooled	Surelok GT Liquid-Cooled	Surelok QD Air-Cooled	Surelok QD Liquid-Cooled	Surelok QD 5 Liquid-Cooled
1	QWR0	Open	0	٠	0	٠	0	0	•
2	QWR1	Water Return Hose c/w 8.9mm Quick Fit	0	•	0	•	0	0	•
3	QWR2	Water Return Hose c/w 5/8" UNF LH	0	•	0	•	0	0	•
4	QWR3	Water Return Hose c/w 3/8" BSP	0	•	$\circ$	•	$\circ$	0	•
5	QWR4	Water Return Hose c/w M12 x 1.0	0	•	0	٠	0	0	•

# **SWITCH MODULES**



Arc T torch packages are supplied with a momentary switch as standard.

- All modules 'plug and play'
- All switch options interchange across the range
- All replacement switch kits include switch modules and housings.

ATER1MS Part Number ATER3MS Part Number ATER1MS-1H ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-5H ATER1MT-25H Part Number ATRK2	Momentary Kit  Description  3 Button Momentary Kit  Description  Momentary Kit+1K Horizontal Potentiometer Momentary Kit+5K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer  Description  Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+10K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER3MS Part Number ATER1MS-1H ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-5H ATER1MT-10H ATER1MT-25H BPart Number	3 Button Momentary Kit  Description  Momentary Kit+1K Horizontal Potentiometer Momentary Kit+5K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer Maintained Kit+1K Horizontal Potentiometer Maintained Kit+10K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
Part Number ATER1MS-1H ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Description         Momentary Kit+1K Horizontal Potentiometer         Momentary Kit+5K Horizontal Potentiometer         Momentary Kit+10K Horizontal Potentiometer         Momentary Kit+25K Horizontal Potentiometer         Momentary Kit+25K Horizontal Potentiometer         Maintained Kit+1K Horizontal Potentiometer         Maintained Kit+5K Horizontal Potentiometer         Maintained Kit+5K Horizontal Potentiometer         Maintained Kit+5K Horizontal Potentiometer         Maintained Kit+25K Horizontal Potentiometer         Maintained Kit+25K Horizontal Potentiometer         Maintained Kit+25K Horizontal Potentiometer
ATER1MS-1H ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Momentary Kit+1K Horizontal Potentiometer Momentary Kit+5K Horizontal Potentiometer Momentary Kit+10K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer <b>Description</b> Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER1MS-1H ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Momentary Kit+1K Horizontal Potentiometer Momentary Kit+5K Horizontal Potentiometer Momentary Kit+10K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer <b>Description</b> Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER1MS-5H ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-5H ATER1MT-25H Part Number	Momentary Kit+5K Horizontal Potentiometer Momentary Kit+10K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer Description Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER1MS-10H ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Momentary Kit+10K Horizontal Potentiometer Momentary Kit+25K Horizontal Potentiometer Description Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER1MS-25H Part Number ATER1MT-1H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Momentary Kit+25K Horizontal Potentiometer Description Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Description Description
ATER1MT-1H ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Maintained Kit+1K Horizontal Potentiometer Maintained Kit+5K Horizontal Potentiometer Maintained Kit+10K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer
ATER1MT-5H ATER1MT-10H ATER1MT-25H Part Number	Maintained Kit+5K Horizontal Potentiometer Maintained Kit+10K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Description
ATER1MT-10H ATER1MT-25H Part Number	Maintained Kit+10K Horizontal Potentiometer Maintained Kit+25K Horizontal Potentiometer Description
ATER1MT-25H Part Number	Maintained Kit+25K Horizontal Potentiometer
Part Number	Description
	•
ATRK2	
	2 Button Rocker Switch Kit
Part Number	Description
ATRK4	4 Button Rocker Switch Kit
Part Number	Description
ATDM3	Digital Control Module
	vare systems integration in collaboration with
	Part Number ATDM3

YOUR WORKDAY



# QUICK FIT SWITCH WIRE PLUG KITS



ΑΤΕ WORKDAY OUR

Description Blank

Description 7 Pin Uniarc Quick Fit

Description

5 Pin Tuchel Plug Quick Fit

3 Pin XS12 Series Plug Quick Fit

5 Pin Amphenol Plug Quick Fit

6 Pin Amphenol Plug Quick Fit

7 Pin WS16 Series Plug Quick Fit

14 Pin Amphenol Plug Quick Fit

9 Pin SP21 Series Plug Quick Fit

5 Pin WS16 Series Plug Quick Fit

9 Pin Tuchel Plug Quick Fit

7 Pin Amphenol Plug Quick Fit

		Code	Part Number
>		ATP0	ATERCPN
		Code	Part Number
		ATP1	ATERCP11
•			
		Code	Part Number
		ATP2	ATERCP9
•			
		Code	Part Number
۲		ATP3	ATXS12-J3P
~			
		Quida	Deathleaster
		Code ATP4	
		AIP4	ATERCP6-5
		_	
		Code	Part Number
		ATP5	ATERCP3
		Code	Part Number
		ATP6	ATWS16J7TQ
	- Citize - Bill	Code	Part Number
		ATP7	ATERCP4
-		Code	Part Number
		ATP8	ATSP2110-P9
-			
		Code	Part Number
		ATP9	ATWS16J5TQ
<b>V</b>			
[]		Code	Part Number
		ATP10	ATERCP8
		Code	Dout Number
		Code	Part Number
		ATP15	AT16S-1PZ

The design, manufacturing and quality systems of Arc Torchology are certified by **BVQI** in accordance with EN/ISO 9001:2015



Surelok<sup>™</sup> Air-Cooled Terminations



To order your Arc Tig Torch please follow the simple 7 stage process below:

- 1. Select the torch model
- 2. Select the switch option
- 3. Select the length of cable
- 4. Select the power connection
- 5. Select the rapid fit gas connection
- 6. Select the quick fit switch plug
- 7. Select the starter kit

### **Example:**

### T2-S1-4M-SL-QGS5-ATP1/SCB1

T2 Arc Tig Torch x 4mt / 12.5ft with momentary switch, large Dinse Air-Cooled Surelok<sup>™</sup> style 1/4"BSP Gas and 7 pin quick fit switch plug with small collet body starter kit 1.0mm-0.04".

Step	o 1 Step 2	Step 3	Step 4	Step 5		Step 6	Step 7
Torch M	Nodel Switch Option	Cable Length	Power Connections	Gas Connections	Sv	vitch Plug	Starter Kit
Code	Description	Code	Description		Code	Description	
ir-Cooled	-	4m	4m Cable		ATP0	Blank	
	190A DC	8m	8m Cable		ATP1	7 Pin Uniarc G	uick Fit
2FX	180A DC Flex				ATP2	5 Pin Tuchel P	
3	240A DC				ATP3		ries Plug Quick Fit
3FX	220A DC Flex	Power Conr	ections		ATP4		ol Plug Quick Fit
		Code	Description		ATP5		ol Plug Quick Fit
Code	Description	SL1625	Small Dinse Surelok <sup>™</sup> Styl	e	ATP6		eries Plug Quick Fit
1	Momentary Kit	SL	Large Dinse Surelok <sup>™</sup> Styl	e	ATP7	14 Pin Amphe	nol Plug Quick Fit
	3 Button Momentary Kit				ATP8	9 Pin SP21 Se	ries Plug Quick Fit
кн	1 Button Momentary+1k Pot				ATP9	5 Pin WS16 Se	eries Plug Quick Fit
KH	1 Button Momentary+5k Pot	# Gas Supply	Hose - Rapid Fit		ATP10	9 Pin Tuchel P	lug Quick Fit
КH	1 Button Momentary+10k Pot	Code	Description		ATP15	7 Pin Amphen	ol Plug Quick Fit
KH	1 Button Momentary+25k Pot	QGS0	Open		o	••	
ТН	Maintained Switch+1k Pot	QGS1	Gas Supply Hose c/w 3/8	BSP	Starter K	ıt ———	
ТН	Maintained Switch+5k Pot	QGS2	Gas Supply Hose c/w 5.0	mm Quick Fit	Please re	efer to Page 3	0 for starter ki
ТН	Maintained Switch+10k Pot	QGS3	Gas Supply Hose c/w 5.9				o for otal tor in
ТН	Maintained Switch+25k Pot	QGS4	Gas Supply Hose c/w 8.9	mm Quick Fit			
K2	2 Button Rocker Switch Kit	QGS5	Gas Supply Hose c/w 1/4	" BSP			
:K4	4 Button Rocker Switch Kit	QGS6	Gas Supply Hose c/w M1	0 x 1.0			
M3	Digital Control Module	QGS7	Gas Supply Hose c/w 5/8	UNF RH			
	software systems integration	QGS8	Gas Supply Hose c/w M1	2 x 1.0			

\*Requires digital software systems integration









Surelok<sup>™</sup> Liquid-Cooled Terminations



### Example:

#### T3W-S1-4M-SL-QWF1-QWR1-QWGS5-ATP1/SCB2

T3W Arc Tig Torch x 4mt / 12.5ft with momentary switch, large Dinse Liquid-Cooled Surelok<sup>™</sup> style 1/4"BSP Gas, QF 8.9mm water feed and return, 7 pin quick fit switch plug with small collet body starter kit 1.6mm-1/16".

St	ep 1	Step 2	Step 3	Step 4	Step	5	Step 6	Step	7	Step 8	Step 9
Torch	n Model	Switch Option	Cable Length	Power Connect	ions Water Feed	d Hose Wa	ter Return Hose	Gas H	ose S	Switch Plug	Starter Kit
Code	Desc	ription		Power Con	nections			#Gas S	upply H	ose - Rapio	d Fit
Liquid-Cod	oled			Code	Descriptio	n		Code	Desc	cription	
T3W	400A D	С		SL1625	Small Dinse S	Surelok <sup>™</sup> Style		QGS0	Open		
T4W	450A D	С		SL	Large Dinse S	,		QGS1		upply Hose c/	w 3/8" BSP
5W	550A D				0			QGS2			w 5.0mm Quick Fit
F3WFX	400A D							QGS3			w 5.95mm Quick Fi
T4WFX	450A D			<b>#</b> \\/	Line Devid D			QGS4			w 8.9mm Quick Fit
T5WFX	550A D	C Flex			Hose - Rapid F			QGS5		upply Hose c/	
	<b>_</b> (			Code	Descriptio	n		QGS6		supply Hose c/	
Code		ription		QWF0	Open			QGS7			w 5/8" UNF RH
61		ntary Kit		QWF1	Water Feed H	ose c/w 8.9mm	n Quick Fit	QGS8		upply Hose c/	
53		n Momentary Kit		QWF2	Water Feed H	ose c/w 5/8" U	NF LH	0030	Gas 3	арру позе с/	W WI12 X 1.0
1KH	1 Butto	n Momentary+1k Po	t	QWF3	Water Feed H	ose c/w 3/8" B	SP	Code	Des	cription—	
2KH	1 Butto	n Momentary+5k Po	t	QWF4	Water Feed H	ose c/w M12 x	: 1.0	ATP0	Blank		
3KH	1 Butto	n Momentary+10k F	ot					ATP1	7 Pin l	Uniarc Quick F	it
KH	1 Butto	n Momentary+25k F	ot					ATP2	5 Pin	Tuchel Plug Qu	iick Fit
TH	Maintai	ned Switch+1k Pot		# Water Retu	n Hose - Rapid	l Fit		ATP3	3 Pin 2	XS12 Series Pl	ua Quick Fit
TH	Maintai	ned Switch+5k Pot		Code	Descriptio	n		ATP4		Amphenol Pluc	0
ЯΤΗ	Maintai	ned Switch+10k Pot		QWR0	Open			ATP5		Amphenol Plug	·
TH	Maintai	ned Switch+25k Pot		QWR1	Water Return		om Quick Fit	ATP6		WS16 Series P	
RK2	2 Butto	n Rocker Switch Kit		QWR1 QWR2	Water Return			ATP7		Amphenol Plu	0
RK4	4 Butto	n Rocker Switch Kit		QWR2 QWR3	Water Return			ATP8		SP21 Series Pl	•
DM3	Digital (	Control Module		QWR3 QWR4		Hose c/w 3/8" Hose c/w M12		ATP9		WS16 Series P	0
Requires dig	ital software	systems integration		QWK4	water Return	HUSE C/W M12	X I.U	ATP10		Tuchel Plug Qu	0
	[							ATP10		Amphenol Pluc	
Code	Desc	ription						AIF 13	1 1 11 1		
4m	4m Cat	ole						Starter k	Kit		

4m 4m Cable

8m 8m Cable

The design, manufacturing and quality systems of Arc Torchology are certified by **BVQI** in accordance with EN/ISO 9001:2015

Please refer to Page 30 for starter kits

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### $\mathsf{Surelok}^{^{\mathrm{TM}}}\,\mathsf{GT}\,\mathsf{Air}\text{-}\mathsf{Cooled}\,\mathsf{Terminations}$



### How to Order

To order your Arc Tig Torch please follow the simple 6 stage process below:

- 1. Select the torch model
- 2. Select the switch option
- 3. Select the length of cable
- 4. Select the power connection
- 5. Select the quick fit switch plug
- 6. Select the starter kit

### Example:

### T2-S1-4M-GT-ATP1/SCB2

T2 Arc Tig Torch x 4mt / 12.5ft with momentary switch, large Dinse Air-Cooled Surelok<sup>™</sup>GT Gas Through style and 7 pin quick fit switch plug with small collet body starter kit 1.6mm-1/16".

S	tep 1	Step 2		Step 3	Step 4	S	itep 5	Step 6
Torch Model		Switch Option	Cat	ole Length	Power Connections	Switch Plug		Starter Kit
						7		
Code	Description		Code	Description		Code	Description	
Air-Cooled	1		4m	4m Cable	e	ATP0	Blank	
T2	190A DC		8m	8m Cable	e	ATP10	9 Pin Tuchel P	ug Quick Fit
T2FX	180A DC Flex							
Т3	240A DC					1		
T3FX	220A DC Flex		Power C	Connections		Starter Ki	t ———	
			Code	Descri	ption	Please re	fer to Page 30	for starter kits
Code	Description		GT	Large Dir	nse Gas Through Surelok <sup>™</sup> Style	ricasere	Ter to rage oo	
S1	Momentary Kit							
S3	3 Button Momer	itary Kit						
1KH	1 Button Momer	itary+1k Pot						
2KH	1 Button Momer	itary+5k Pot						
ЗКН	1 Button Momer	tary+10k Pot						
4KH	1 Button Momer	tary+25k Pot						
1TH	Maintained Swite	ch+1k Pot						
2TH	Maintained Swite	ch+5k Pot						
3TH	Maintained Swite	ch+10k Pot						
4TH	Maintained Swite	ch+25k Pot						
B. (0	2 Button Rocker	Quuitab Kit						
RK2		SWITCH KIL						
RK2 RK4	4 Button Rocker							

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\*Requires digital software systems integration

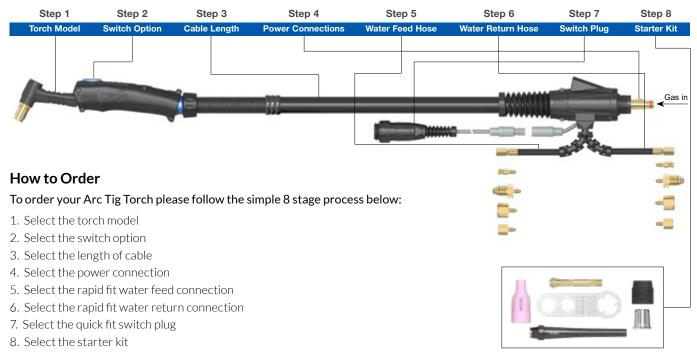
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### Surelok<sup>™</sup> GT Liquid-Cooled Terminations



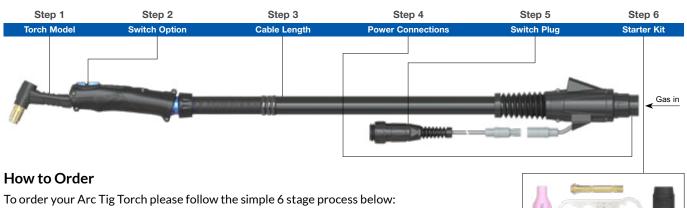
### Example:

#### T3W-S1-4M-SL-GT-QWF1-QWR1-ATP1/MCB2

T3W Arc Tig Torch x 4mt / 12.5ft with momentary switch, large Dinse Liquid-Cooled Surelok™GT Gas Through Style, QF 8.9mm water feed and return, 7 pin quick fit switch plug with medium collet body starter kit 1.6mm-1/16".

St	ep 1	Step 2	Step 3	Step 4	Step 5	Ste	ep 6	Step 7	Step 8
Torcl	n Model	Switch Option	Cable Length	Power Connections	Water Feed Hose	Water Re	turn Hose	Switch Plug	Starter Kit
Code	Descri	ption	Po	wer Connections			Code	Description	
Liquid-Co	oled	-	Co	de Descr	iption		ATP0	Blank	
T3W	400A DC		GT	Large [	)inse Gas Through Surelok™S	tyle	ATP10	9 Pin Tuchel Plug	Quick Fit
T4W	450A DC			20.90 2					
T5W	550A DC					0	tarter Kit		
T3WFX	400A DC					3			
T4WFX	450A DC 550A DC		# \\/	ater Feed Hose - Ra	nid Eit	P	lease refe	er to Page 30 fo	r starter kits
T5WFX	550A DC	Flex		de Descr					
					iption				
Code	Descri	ption	QV		eed Hose c/w 8.9mm Quick F				
S1	Momenta	iry Kit				It			
S3	3 Button	Momentary Kit	QV		eed Hose c/w 5/8" UNF LH				
1KH	1 Button	Momentary+1k Pot	QV		eed Hose c/w 3/8" BSP				
2KH	1 Button	Momentary+5k Pot	QV	VF4 VVater F	eed Hose c/w M12 x 1.0				
3KH	1 Button	Momentary+10k Pot							
4KH	1 Button	Momentary+25k Pot							
1TH	Maintaine	ed Switch+1k Pot	# Wa	ater Return Hose - F	Rapid Fit				
2TH	Maintaine	ed Switch+5k Pot	Co	de Descr	iption				
3TH	Maintaine	ed Switch+10k Pot	QV	/R0 Open					
4TH	Maintaine	ed Switch+25k Pot	QV	/R1 Water F	eturn Hose c/w 8.9mm Quick	Fit			
RK2	2 Button	Rocker Switch Kit	QV	/R2 Water F	Return Hose c/w 5/8" UNF LH				
RK4	4 Button	Rocker Switch Kit	QV	/R3 Water F	eturn Hose c/w 3/8" BSP				
DM3	Digital Co	ontrol Module	QV	/R4 Water F	Return Hose c/w M12 x 1.0				
Requires dig	ital software sy	stems integration							
Code	Descrip	otion							
4m	4m Cable								

### $Surelok^{{}^{\rm T\!M}}\,QD\,Air\text{-}Cooled\,Terminations$



- 1. Select the torch model
- 2. Select the switch option
- 3. Select the length of cable
- 4. Select the power connection
- 5. Select the quick fit switch plug
- 6. Select the starter kit

### **Example:**

#### T2-S1-4M-QD1-ATP1/MCB2

T2 Arc Tig Torch x 4mt / 12.5ft with momentary switch, Air-Cooled Surelok<sup>™</sup> QD Gas Through 1/4"BSP and 7 pin quick fit switch plug with medium collet body starter kit 1.6mm-1/16".

St	tep 1	Step 2	Step 3	Step 4	Ste	p 5 Step 6
Torch	h Model Swi	tch Option C	able Length	Power Connections	Switch	Plug Starter Kit
Code	Description	Code	Descri	otion	Code	Description
Air-Cooled		4m	4m Cabl	9	ATPO	Blank
T2	190A DC	8m	8m Cabl	e	ATP1	7 Pin Uniarc Quick Fit
T2FX	180A DC Flex				ATP2	5 Pin Tuchel Plug Quick Fit
Т3	240A DC				ATP3	3 Pin XS12 Series Plug Quick Fit
T3FX	220A DC Flex	Power	Connections		ATP4	5 Pin Amphenol Plug Quick Fit
		Code	Descri	ption	ATP5	6 Pin Amphenol Plug Quick Fit
Code	Description	QD1	Surelok™	QD 1/4"BSP	ATP6	7 Pin WS16 Series Plug Quick Fit
S1	Momentary Kit	QD2	Surelok™	QD 3/8"BSP	ATP7	14 Pin Amphenol Plug Quick Fit
S3	3 Button Momentary Kit	QD3	Surelok™	QD M12 x 1.0	ATP8	9 Pin SP21 Series Plug Quick Fit
 1KH	1 Button Momentary+1k	Pot QD4	Surelok™	QD M16 x 1.5	ATP9	5 Pin WS16 Series Plug Quick Fit
2KH	1 Button Momentary+5k				ATP10	9 Pin Tuchel Plug Quick Fit
зкн	1 Button Momentary+10				ATP15	7 Pin Amphenol Plug Quick Fit
4KH	1 Button Momentary+25					
1TH	Maintained Switch+1k Po	ot			Starter Kit	
2TH	Maintained Switch+5k Po	ot				
3TH	Maintained Switch+10k F	Pot			Please refe	er to Page 30 for starter kits

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\*Requires digital software systems integration

Maintained Switch+25k Pot

2 Button Rocker Switch Kit

4 Button Rocker Switch Kit

Digital Control Module

4TH

RK2

RK4

\* DM3

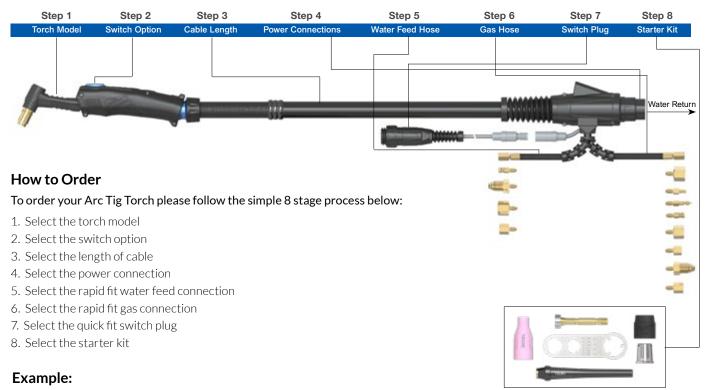
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### Surelok<sup>™</sup> QD Liquid-Cooled Terminations



### T3W-S1-4M-QD1-QWF1-QGS5-ATP1/MGL2

8m Cable

8m

T3W Arc Tig Torch x 4mt / 12.5ft with momentary switch, Liquid-Cooled Surelok<sup>™</sup> QD 1/4"BSP, QF 8.9mm water feed, 1/4" BSP Gas Supply, 7 pin quick fit switch plug with medium gas lens body starter kit 1.6mm-1/16".

St	ep 1	Step 2	Step 3	Ste	ep 4	Step 5	Step 6	Step 7	Step 8
Torcl	h Model	Switch Option	Cable Length	Power Cor	nnections	Water Feed Hose	Gas Hose	Switch Plug	Starter Kit
Code	Descripti	ion	Po	ower Conne	ctions		Code	Description	
Liquid-Coo	oled		C(	ode	Descrip	tion	ATP0	Blank	
T3W	400A DC					D 1/4"BSP	ATP1	7 Pin Uniarc Quick	< Fit
4W	450A DC					2D 3/8"BSP	ATP2	5 Pin Tuchel Plug	Quick Fit
5W	550A DC					2D 5/8 B3F 2D M12 x 1.0	ATP3	3 Pin XS12 Series	Plua Quick Fit
3WFX	400A DC Fle					2D M12 X 1.0 2D M16 X 1.5	ATP4	5 Pin Amphenol Pl	0
4WFX	450A DC Fle		Q	J4	Surelok (	2D M16 X 1.5	ATP5	6 Pin Amphenol Pl	0
5WFX	550A DC Fle	ex					ATP6	7 Pin WS16 Series	0
							ATP7	14 Pin Amphenol I	0
			# W	later Feed H	lose - Rapi	d Fit	ATP8	9 Pin SP21 Series	0
Code	Descripti	on	C	ode	Descrip	tion	ATP9	5 Pin WS16 Series	
61	Momentary	Kit	Q	WF0	Open		ATP10	9 Pin Tuchel Plug	0
3	3 Button Mo	mentary Kit	Q	WF1	Water Fee	d Hose c/w 8.9mm Quick Fit	ATP15	7 Pin Amphenol Pl	
КН	1 Button Mo	mentary+1k Pot	Q	WF2	Water Fee	d Hose c/w 5/8" UNF LH			ug quioici it
KH	1 Button Mo	mentary+5k Pot	Q	WF3	Water Fee	d Hose c/w 3/8" BSP			
КН	1 Button Mo	mentary+10k Pot	Q	NF4	Water Fee	d Hose c/w M12 x 1.0	Starter Kit		
КН	1 Button Mo	mentary+25k Pot					-   Dianco rof	or to Dago 20 fo	r ctartor kit
тн	Maintained	Switch+1k Pot						er to Page 30 fo	i starter kit
TH	Maintained	Switch+5k Pot	# 6	as Supply F	lose - Rap	id Fit			
ТΗ	Maintained	Switch+10k Pot		ode	Descrip				
тн	Maintained	Switch+25k Pot	-	GS0	Open	tion	_		
RK2	2 Button Ro	cker Switch Kit			- 1				
RK4	4 Button Ro	cker Switch Kit		GS1		ly Hose c/w 3/8" BSP			
DM3	Digital Cont	rol Module		GS2		ly Hose c/w 5.0mm Quick Fit			
eauires die	ital software syster			IGS3		ly Hose c/w 5.95mm Quick Fit			
,				GS4		ly Hose c/w 8.9mm Quick Fit			
Dede	Descript			GS5		ly Hose c/w 1/4" BSP			
Code	Descript	lion		GS6		ly Hose c/w M10 x 1.0			
m	4m Cable		Q	GS7	Gas Supp	ly Hose c/w 5/8" UNF RH			

Gas Supply Hose c/w M12 x 1.0

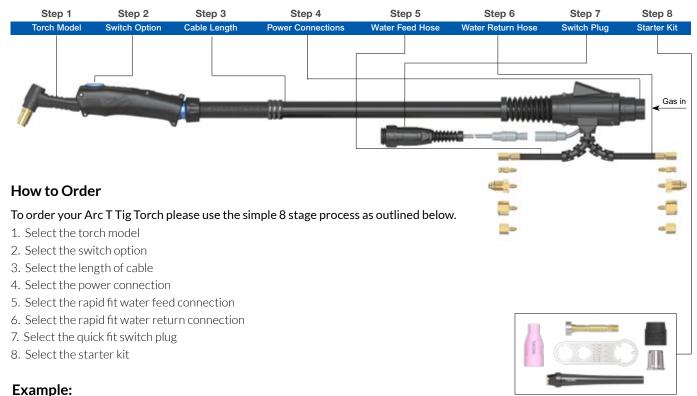
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QGS8

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Surelok<sup>™</sup> QD5 Liquid-Cooled Terminations



#### T3W-S1-4M-QD5-QWF1-QWR1-ATP1/LGL2

T3W Arc Tig Torch x 4mt / 12.5ft with momentary switch, Liquid-Cooled Surelok<sup>™</sup> QD5 1/4" BSP, QF 8.9mm water feed and return, 7 pin quick fit switch plug with large gas lens body starter kit 1.6mm-1/16".

	ep 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8
Torcl	h Model	Switch Option	Cable Length	Power Connections	Water Feed Hose	Water Return Hose	Switch Plug	Starter Kit
Code	Decerir		Ba	wer Connections				
Code	Descrip	otion				Code	Description	
Liquid-Coc	bled		Co	de Descrip	tion	ATP0	Blank	
T3W	400A DC		QD.	5 Liquid-Co	oled Surelok <sup>™</sup> QD1/4" BSP	ATP1	7 Pin Uniarc Quick	< Fit
T4W	450A DC					ATP2	5 Pin Tuchel Plug	Quick Fit
T5W	550A DC	-				ATP3	3 Pin XS12 Series	Plug Quick Fit
T3WFX T4WFX	400A DC 450A DC			Г		ATP4	5 Pin Amphenol P	lug Quick Fit
T5WFX	450A DC 550A DC		# wa	ter Feed Hose - Rapi	d Fit	ATP5	6 Pin Amphenol P	lug Quick Fit
130017	330A DC			•		ATP6	7 Pin WS16 Series	Plug Quick Fit
			Co		tion	ATP7	14 Pin Amphenol	Plug Quick Fit
Code	Descrip	otion	QW	F0 Open		ATP8	9 Pin SP21 Series	Plug Quick Fit
S1	Momenta	ry Kit	QW	F1 Water Fee	d Hose c/w 8.9mm Quick Fit	ATP9	5 Pin WS16 Series	Plug Quick Fit
S3	3 Button I	Nomentary Kit	QW	F2 Water Fee	d Hose c/w 5/8" UNF LH	ATP10	9 Pin Tuchel Plug	Quick Fit
1KH	1 Button I	Momentary+1k Pot	QW	F3 Water Fee	d Hose c/w 3/8" BSP	ATP15	7 Pin Amphenol P	lug Quick Fit
2KH	1 Button I	Momentary+5k Pot	QW	F4 Water Fee	d Hose c/w M12 x 1.0			-
3KH	1 Button I	Momentary+10k Pot		F		Starter Kit		
4KH	1 Button I	Momentary+25k Pot				Starter Kit		
1TH	Maintaine	ed Switch+1k Pot	<b># W</b> a	ter Return Hose - Ra	pid Fit	Please refe	er to Page 30 fo	r starter kits
2TH	Maintaine	ed Switch+5k Pot	Co	de Descript	ion		0	
3TH	Maintaine	ed Switch+10k Pot	QW	R0 Open				
4TH	Maintaine	ed Switch+25k Pot	QW	R1 Water Ret	urn Hose c/w 8.9mm Quick F	it		

Water Return Hose c/w 5/8" UNF LH

Water Return Hose c/w 3/8" BSP

Water Return Hose c/w M12 x 1.0

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\* DM3 Digital Control Module \*Requires digital software systems integration

2 Button Rocker Switch Kit

4 Button Rocker Switch Kit

	I
Code	Description
4m	4m Cable

8m	8m Cable



RK2

RK4



QWR2

OWR3

QWR4

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# ARC TIG WEAR PARTS SET-UP OVERVIEW



### Which System to Use ?

### System Guidance Table

Application	System	Gas Flow	Stick Out
Steel, Aluminium	Collets	5~25 l/min	5~15mm
Steel, Aluminium, Stainless Steel	Gas Lens	5~20 l/min	10~25mm
Exotic Metals Stainless Steel, Inconel, Chromoly, Titanium	Super Series Gas Lens Set-up	12~20 l/min	25~55mm

### **Collet Body Set-Up**

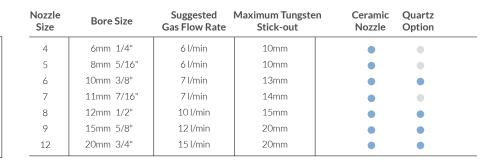
Recommended Set-up Parameters for Steel and Aluminium



Nozzle Size	Bore Size	Suggested Gas Flow Rate	Maximum Tungste Stick-out	en Ceramic Nozzle	Quartz Option
4	6mm 1/4"	6 l/min	10mm	•	•
5	8mm 5/16"	6 l/min	10mm	•	•
6	10mm 3/8"	7 l/min	11mm	•	•
7	11mm 7/16"	7 l/min	12mm	•	•
8	12mm 1/2"	10 l/min	13mm	•	•
9	15mm 5/8"	12 l/min	15mm	•	•
12	20mm 3/4"	15 l/min	18mm	•	•

### Gas Lens Collet Body Set-up

Recommended Set-up Parameters for Steel, Aluminium and Stainless Steel



#### Super Series Gas Lens Body Set-up

Recommended Set-up Parameters for Exotic Metals

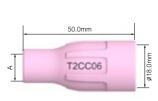


Nozz Siz		Bore Size	Suggested Gas Flow Rate	Maximum Tungster Stick-out	n Ceramic Nozzle	Quartz Option	
12	2	20mm 3/4"	12 l/min	25mm	•	•	
14	1	23mm 15/16"	12 l/min	25mm	•	•	
18	3	28mm 1-1/10"	15 l/min	35mm	•	•	
24	1	38mm 1-1/2"	20 l/min	55mm	•	•	

# **WEAR PARTS High Performance Series**



# **Ceramic Cups**





Ceram	ic Cups				T2 / T2FX	T3 / T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
Part No.	Description	Size	Bor	e A	Т2	<b>T</b> 3	<b>T</b> 3	<b>T</b> 4	T5
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"					•
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"		•			•

	Quartz Part No.	Cups New Description	Size	Bor	e A	T2 / T2FX	T3 / T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
Ē	T2QZ06	Standard Quartz Cup	6	10mm	3/8"					
ø20.0mm	T2QZ08	Standard Quartz Cup	8	12mm	1/2"					
1 1 1 1	T2QZ09	Standard Quartz Cup	9	15mm	5/8"	•		•	•	•



50.0mm

T3QZ06	Standard Quartz Cup	6	10mm	3/8"			•
T3QZ08	Standard Quartz Cup	8	12mm	1/2"			•
T3QZ09	Standard Quartz Cup	9	15mm	5/8"			•
T3QZ012	Standard Quartz Cup	12	20mm	3/4"			•

	Large ( Part No.	Gas Lens Ceramic C	Cup <sub>Size</sub>		e A	T2 / T2FX	T3 / T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX	
1	T5LGLCC08	Large Gas Lens Ceramic Cup	8	12.5mm	1/2"		•			•	-
ø25.6mm	T5LGLCC10	Large Gas Lens Ceramic Cup	10	16mm	5/8"						
ø25.	T5LGLCC12	Large Gas Lens Ceramic Cup	12	19mm	3/4"						
<u> </u>	T5LGLCC14	Large Gas Lens Ceramic Cup	14	24mm	15/16"						



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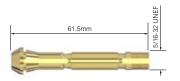
• Standard wear part range

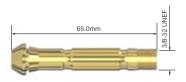
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# **WEAR PARTS**



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Collet	Body			T2 / T2FX	/ T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
Part No.	Description	Вс	ore	T2 /	T3 /	T3W	T4W	T5W
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"					
T2CB48	Collet Body	4.8mm	3/16"			•	٠	•
T3CB10	Collet Body	1.0mm	0.04"					•
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"		•			•

	UNEF
61.5mm	5/16-32 U
	<u> </u>
	t



Gas Le	ens Collet Body		/ T2FX	/ T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX	
Part No.	Description	Вс	ore	T2 /	Т3 /	T3M	T4M	T5M
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"					
T2GL48	Gas Lens Collet Body	4.8mm	3/16"				•	•
T3GL10	Gas Lens Collet Body	1.0mm	0.04"		•			•
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"					•

Note: Replaceable gas lens filters are available for small and medium gas lens collet bodies - please refer to gas lens body filter kits





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Large Gas Lens Collet I		Body		/ T2FX	/ T3FX	I3W / T3WFX	T4W / T4WFX	T5W / T5WFX
Part No.	Description	Bo	ore	<b>T</b> 2	<b>T</b> 3	13	<b>T</b> 4	T5
T5LGL10	Large Gas Lens Collet Body	1.0mm	0.04"					•
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"					•

Note: Large gas lens collet bodies have fixed filters

	Gas Len	s Body Filter Kit			T2 / T2FX	ТЗ / ТЗFX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
	Part No.	Description	Во	re	T2 /	T3 /	T3W	T4M	T5W
• • • •	SGL10FS-3KIT	Small Gas Lens Body Filter Kit	1.0mm	0.04"	•	•	•	•	•
• •	SGL16FS-3KIT	Small Gas Lens Body Filter Kit	1.6mm	1/16"	•	•	•	•	•
• • • • • • • • • • • • • • • • • • • •	SGL20FS-3KIT	Small Gas Lens Body Filter Kit	2.0mm	5/64"	•	•	•	•	•
• •	SGL24FS-3KIT	Small Gas Lens Body Filter Kit	2.4mm	3/32"	•	•	•	•	•
$\odot$ $\bigcirc$ $$	SGL32FL-3KIT	Small Gas Lens Body Filter Kit	3.2mm	1/8"	•	•	•	•	•
• • • • • • • • • • • • • • • • • • • •	SGL40FL-3KIT	Small Gas Lens Body Filter Kit	4.0mm	5/32"	•	•	•	•	•
• • •	SGL48FL-3KIT	Small Gas Lens Body Filter Kit	4.8mm	3/16"	•	•	•	•	•

Standard wear part range

TORCHOLOGY INTELLIGENT TORCH SOLUTIONS

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		INTELLIGENT TORC	H SOLUTIONS					
	Gas Lens	Body Filter Kit	Bore	T2 / T2FX	T3 / T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
$\odot \bigcirc \frown \frown$	MGL10FS-3KIT	Medium Gas Lens Body Filter Kit	1.0mm 0.0		•	•	•	•
• )	MGL16FS-3KIT	Medium Gas Lens Body Filter Kit	1.6mm 1/1	.6"	•	•	•	•
• )	MGL20FS-3KIT	Medium Gas Lens Body Filter Kit	2.0mm 5/6	o4"	•	•	•	•
• )	MGL24FS-3KIT	Medium Gas Lens Body Filter Kit	2.4mm 3/3	32"	•	•	•	•
• • • •	MGL32FS-3KIT	Medium Gas Lens Body Filter Kit	3.2mm 1/	8"	•	•	•	•
00	MGL40FL-3KIT	Medium Gas Lens Body Filter Kit	4.0mm 5/3	32"	•	•	•	•
00-	MGL48FL-3KIT	Medium Gas Lens Body Filter Kit	4.8mm 3/1	.6"	•	•	•	•
$\circ$	MGL64FL-3KIT	Medium Gas Lens Body Filter Kit	6.4mm 1/	4"	•	•	•	•

Standard wear part range



# **STARTER KITS**



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The Arc Collet Body Starter Kits include everything you need to get started





The Arc Gas Lens Body Starter Kits include everything you need to get started







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# **Collet Body Starter Kits**

Collet Bo	ody Starter Kits	T2 / T2FX	/ T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
Part No.	Description	T2 /	T3 /	T3V	T4V	T5V
SCB1	Small Collet Body Starter Kit 1.0mm-0.04"					•
SCB2	Small Collet Body Starter Kit 1.6mm-1/16"					
SCB3	Small Collet Body Starter Kit 2.0mm-5/64"					
SCB4	Small Collet Body Starter Kit 2.4mm-3/32"					
SCB5	Small Collet Body Starter Kit 3.2mm-1/8"					
SCB6	Small Collet Body Starter Kit 4.0mm-5/32"					
SCB7	Small Collet Body Starter Kit 4.8mm-3/16"					•
	1					
MCB1	Medium Collet Body Starter Kit 1.0mm-0.04"					•
MCB2	Medium Collet Body Starter Kit 1.6mm-1/16"					•
MCB3	Medium Collet Body Starter Kit 2.0mm-5/64"					•
MCB4	Medium Collet Body Starter Kit 2.4mm-3/32"					•
MCB5	Medium Collet Body Starter Kit 3.2mm-1/8"					•
MCB6	Medium Collet Body Starter Kit 4.0mm-5/32"					•
MCB7	Medium Collet Body Starter Kit 4.8mm-3/16"					•
MCB8	Medium Collet Body Starter Kit 6.4mm-1/4"					•

# **Gas Lens Body Starter Kits**

	Gas Lens	Body Starter Kits	r2 / T2FX	r3 / T3FX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX
	Part No.	Description	T2 /	T3 /	T3V	T40	T5W
7	SGL1	Small Gas Lens Body Starter Kit 1.0mm-0.04"					
	SGL2	Small Gas Lens Body Starter Kit 1.6mm-1/16"					•
	SGL3	Small Gas Lens Body Starter Kit 2.0mm-5/64"					•
	SGL4	Small Gas Lens Body Starter Kit 2.4mm-3/32"					•
	SGL5	Small Gas Lens Body Starter Kit 3.2mm-1/8"					•
	SGL6	Small Gas Lens Body Starter Kit 4.0mm-5/32"					•
	SGL7	Small Gas Lens Body Starter Kit 4.8mm-3/16"				•	•
٦	MGL1	Medium Gas Lens Body Starter Kit 1.0mm-0.04"					•
	MGL2	Medium Gas Lens Body Starter Kit 1.6mm-1/16"					•
	MGL3	Medium Gas Lens Body Starter Kit 2.0mm-5/64"					•
	MGL4	Medium Gas Lens Body Starter Kit 2.4mm-3/32"					•
	MGL5	Medium Gas Lens Body Starter Kit 3.2mm-1/8"					•
	MGL6	Medium Gas Lens Body Starter Kit 4.0mm-5/32"					•
	MGL7	Medium Gas Lens Body Starter Kit 4.8mm-3/16"					
	MGL8	Medium Gas Lens Body Starter Kit 6.4mm-1/4"					•
-			-				
7	LGL1	Large Gas Lens Body Starter Kit 1.0mm-0.04"					
	LGL2	Large Gas Lens Body Starter Kit 1.6mm-1/16"					•
	LGL3	Large Gas Lens Body Starter Kit 2.0mm-5/64"					•
	LGL4	Large Gas Lens Body Starter Kit 2.4mm-3/32"		•			•
	LGL5	Large Gas Lens Body Starter Kit 3.2mm-1/8"		•			•
	LGL6	Large Gas Lens Body Starter Kit 4.0mm-5/32"					•
	LGL7	Large Gas Lens Body Starter Kit 4.8mm-3/16"					•
」	LGL8	Large Gas Lens Body Starter Kit 6.4mm-1/4"					•

Denotes applicable model



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# **ACCESSORY KITS**



Arc T Accessory Kits			×	<b>3WFX</b>	4WFX	<b>5WFX</b>			
Part No.	Description	T2 / T2FX	ТЗ / ТЗFX	T3W / T3WFX	T4W / T4WFX	T5W / T5WFX			
 AK1	Small Collet Body Accessory Kit		•	•	•	•			
Collet Body 1.6m Ceramic Cup 8m Small Head Gask Small Heat Zone	SMALL COLLET BODY ACCESSORY KIT Collet Body 1.6mm - 1/16", 2.0mm - 5/64", 2.4mm - 3/32" Ceramic Cup 8mm - 5/16", 10mm - 3/8", 11mm - 7/16" Small Head Gasket Small Heat Zone Isolator Long Back Cap, Short Back Cap Arc Spanner								
 AK2	Small Collet Body Accessory Kit	•	•	•	•	•			
SMALL COLLET BODY ACCESSORY KIT Collet Body 2.4mm - 3/32"", 3.2mm -1/8"", 4.0mm - 5/32"" Ceramic Cup 11mm - 7/16"", 12.5mm - 1/2"", 16mm - 5/8"" Small Head Gasket Small Heat Zone Isolator Long Back Cap, Short Back Cap Arc Spanner									
AK3       Small Gas Lens Body Accessory Kit         SMALL GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 1.6mm - 1/16", 2.0mm - 5/64", 2.4mm - 3/32"         Ceramic Cup 10mm - 3/8", 11mm - 7/16", 12.5mm - 1/2"         Small Head Gasket         Small Heat Zone Isolator         Long Back Cap, Short Back Cap         Arc Spanner									
	Small Gas Lens Body Accessory Kit	•	•	•	•	•			
Gas Lens Collet E	Isolator								
AK5	Medium Collet Body Accessory Kit	•	•	•	•	•			
MEDIUM COLLET BODY ACCESSORY KIT Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32" Ceramic Cup 11mm - 7/16", 12.5mm - 1/2", 16mm - 5/8" Medium Head Gasket Medium Heat Zone Isolator Long Back Cap, Short Back Cap Arc Spanner									

Denotes applicable model

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# **ACCESSORY KITS**



# Arc T Accessory Kits

	32", 4.8mm -3/16", 6.4mm - 1/4" 1/2", 16mm - 5/8", 19mm - 3/4" lator	• T2 / T2FX	• T3 / T3FX	• T3W / T3WFX	• T4W / T4WFX	• T5W / T5WFX
MEDIUM COLLET BO Collet Body 4.0mm - 5/ Ceramic Cup 12.5mm - Medium Head Gasket Medium Heat Zone Iso Long Back Cap, Short B	DY ACCESSORY KIT '32", 4.8mm - 3/16", 6.4mm - 1/4" 1/2", 16mm - 5/8", 19mm - 3/4" lator	•	•	•	•	•
Collet Body 4.0mm - 5/ Ceramic Cup 12.5mm - Medium Head Gasket Medium Heat Zone Iso Long Back Cap, Short B	32", 4.8mm -3/16", 6.4mm - 1/4" 1/2", 16mm - 5/8", 19mm - 3/4" lator					
AK7	Medium Gas Lens Body Accessory Kit	•	•	•	•	•
Gas Lens Collet Body 2 Ceramic Cup 11mm - 7 Medium Head Gasket Medium Heat Zone Iso	.4mm - 3/32", 3.2mm -1/8", 4.0mm - 5/32" /16", 12.5mm - 1/2", 16mm - 5/8" lator					
AK8	Medium Gas Lens Body Accessory Kit	•	•	•	•	•
Gas Lens Collet Body 4 Ceramic Cup 12.5mm - Medium Head Gasket Medium Heat Zone Iso	.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4" 1/2", 16mm - 5/8", 19mm - 3/4" lator					
AK9	Large Gas Lens Body Accessory Kit	•	•			•
Large Gas Lens Collet E Ceramic Cup 12.5mm - Large Head Gasket Large Heat Zone Isolate	3ody 2.4mm - 3/32", 3.2mm -1/8", 4.0mm - 5/32 1/2", 16mm - 5/8", 19mm - 3/4" or	2 <sup>n</sup>				
AK10	Large Gas Lens Body Accessory Kit	•	•	•	•	•
Large Gas Lens Collet I Ceramic Cup 16mm - 5 Large Head Gasket Large Heat Zone Isolate	Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4 /8", 19mm - 3/4", 24mm 15/16" or	1 4"				
	MEDIUM GAS LENS B Gas Lens Collet Body 2 Ceramic Cup 11mm - 7 Medium Head Gasket Medium Heat Zone Iso Long Back Cap, Short B Arc Spanner AK8 MEDIUM GAS LENS B Gas Lens Collet Body 4 Ceramic Cup 12.5mm - Medium Head Gasket Medium Heat Zone Iso Long Back Cap, Short B Arc Spanner AK9 LARGE GAS LENS BOI Large Gas Lens Collet B Ceramic Cup 12.5mm - Large Head Gasket Large Heat Zone Isolat Long Back Cap, Short B Arc Spanner AK10 LARGE GAS LENS BOI Large Gas Lens Collet I Ceramic Cup 16mm - 5 Large Head Gasket Large Head Cap, Short B Arc Spanner	MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 11mm - 7/16", 12.5mm - 1/2", 16mm - 5/8"         Medium Head Gasket         Medium Head Gasket         Medium Head Casket         Medium Head Casket         Medium Head Casket         Medium Head Casket         Medium Gas Lens Solator         Long Back Cap, Short Back Cap,         Arc Spanner         AK8         MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Medium Head Casket         Large Gas Lens Body Accessory Kit         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Large Head Gasket         Large Gas Lens Body Accessory Kit         Large Gas Lens Body Accessory Kit	MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 11mm - 7/16", 12.5mm - 1/2", 16mm - 5/8"         Medium Head Gasket         Medium Head Zone Isolator         Long Back Cap, Short Back Cap,         Arc Spanner         AK8         MeDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 4.0mm - 5/32", 4.8mm - 3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Arc Spanner         AK9         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4", 4.0mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4", 20mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4", 20mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4", 20mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4", 20mm - 1/8", 4.0mm - 5/32" <t< td=""><td>MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2/4mm - 3/32', 3.2mm -1/8', 4.0mm - 5/32''         Ceramic Cup 11mm - 7/16', 12.5mm - 1/2', 16mm - 5/8''         Medium Head Gasket         Medium Heat Zone Isolator         Long Back Cap, Short Back Cap,         Arc Spanner         AK8         Medium Gas Lens Body Accessory Kit         Gas Lens Collet Body 4.0mm - 5/32', 4.8mm -3/16', 6.4mm - 1/4''         Ceramic Cup 12.5mm - 1/2'', 16mm - 5/8'', 19mm - 3/4''         Medium Head Gasket         Medium Head Zone Isolator         Long Back Cap, Short Back Cap         Arc Spanner         AK9         Large Gas Lens Body Accessory Kit         AK9         Large Gas Lens Body Accessory Kit         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 2.4mm - 3/32'', 3.2mm -1/8'', 4.0mm - 5/32''         Ceramic Cup 12.5mm - 1/2'', 16mm - 5/8'', 19mm - 3/4''         Large Head Gasket         Large Head Cap, Short Back Cap         Arc Spanner         AK10         Large Gas Lens Body Accessory Kit         AK10         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 4.0mm - 5/32'', 4.8mm -3/16'', 6.4mm - 1/4''         Ceramic Cup 16mm - 5/8'', 19mm - 3/4'', 24mm 15/16''</td><td>MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 11mm - 7/16", 12.5mm - 1/2", 16mm - 5/8"         Medium Head Gasket         Medium Head Cap, Short Back Cap, Arc Spanner         AK8       Medium Gas Lens Body Accessory Kit         Gas Lens Collet Body 4.0mm - 5/32", 4.8mm - 3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Medium Head Cape Isolator         Long Back Cap, Short Back Cap         Arc Spanner</td><td>MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/8"         Medium Head Gasket         Medium Head Zone Isolator         Long Back Cap, Short Back Cap,         Arc Spanner    AK8 Medium Gas Lens Body Accessory Kit          Gas Lens Collet Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Medium Head Gasket         Medium Head Gasket         Medium Head Gasket         Medium Head Cap Isolator         Long Back Cap, Short Back Cap         Arc Spanner    AK9 Large Gas Lens Body Accessory Kit          AK9 Large Gas Lens Body Accessory Kit    AK9 Large Gas Lens Body Accessory Kit          Large Gas Lens Collet Body 2.4mm - 3/32", 3.2mm -1/8", 4.0mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Large Head Gasket         Large Head Gasket         Large Head Gasket         Large Gas Lens Body Accessory Kit    Arc Spanner          AK10    Large Gas Lens Body Accessory Kit          Large Gas Lens Collet Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4" Ceramic Cup 16mm - 5/8", 19mm - 3/4", 24mm 15/16" Large Gas Lens Collet Body 4.0mm - 5/32", 4.8mm</td></t<>	MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2/4mm - 3/32', 3.2mm -1/8', 4.0mm - 5/32''         Ceramic Cup 11mm - 7/16', 12.5mm - 1/2', 16mm - 5/8''         Medium Head Gasket         Medium Heat Zone Isolator         Long Back Cap, Short Back Cap,         Arc Spanner         AK8         Medium Gas Lens Body Accessory Kit         Gas Lens Collet Body 4.0mm - 5/32', 4.8mm -3/16', 6.4mm - 1/4''         Ceramic Cup 12.5mm - 1/2'', 16mm - 5/8'', 19mm - 3/4''         Medium Head Gasket         Medium Head Zone Isolator         Long Back Cap, Short Back Cap         Arc Spanner         AK9         Large Gas Lens Body Accessory Kit         AK9         Large Gas Lens Body Accessory Kit         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 2.4mm - 3/32'', 3.2mm -1/8'', 4.0mm - 5/32''         Ceramic Cup 12.5mm - 1/2'', 16mm - 5/8'', 19mm - 3/4''         Large Head Gasket         Large Head Cap, Short Back Cap         Arc Spanner         AK10         Large Gas Lens Body Accessory Kit         AK10         Large Gas Lens Body Accessory Kit         Large Gas Lens Collet Body 4.0mm - 5/32'', 4.8mm -3/16'', 6.4mm - 1/4''         Ceramic Cup 16mm - 5/8'', 19mm - 3/4'', 24mm 15/16''	MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/32"         Ceramic Cup 11mm - 7/16", 12.5mm - 1/2", 16mm - 5/8"         Medium Head Gasket         Medium Head Cap, Short Back Cap, Arc Spanner         AK8       Medium Gas Lens Body Accessory Kit         Gas Lens Collet Body 4.0mm - 5/32", 4.8mm - 3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Medium Head Cape Isolator         Long Back Cap, Short Back Cap         Arc Spanner	MEDIUM GAS LENS BODY ACCESSORY KIT         Gas Lens Collet Body 2.4mm - 3/32", 3.2mm - 1/8", 4.0mm - 5/8"         Medium Head Gasket         Medium Head Zone Isolator         Long Back Cap, Short Back Cap,         Arc Spanner    AK8 Medium Gas Lens Body Accessory Kit          Gas Lens Collet Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Medium Head Gasket         Medium Head Gasket         Medium Head Gasket         Medium Head Gasket         Medium Head Cap Isolator         Long Back Cap, Short Back Cap         Arc Spanner    AK9 Large Gas Lens Body Accessory Kit          AK9 Large Gas Lens Body Accessory Kit    AK9 Large Gas Lens Body Accessory Kit          Large Gas Lens Collet Body 2.4mm - 3/32", 3.2mm -1/8", 4.0mm - 5/32"         Ceramic Cup 12.5mm - 1/2", 16mm - 5/8", 19mm - 3/4"         Large Head Gasket         Large Head Gasket         Large Head Gasket         Large Gas Lens Body Accessory Kit    Arc Spanner          AK10    Large Gas Lens Body Accessory Kit          Large Gas Lens Collet Body 4.0mm - 5/32", 4.8mm -3/16", 6.4mm - 1/4" Ceramic Cup 16mm - 5/8", 19mm - 3/4", 24mm 15/16" Large Gas Lens Collet Body 4.0mm - 5/32", 4.8mm



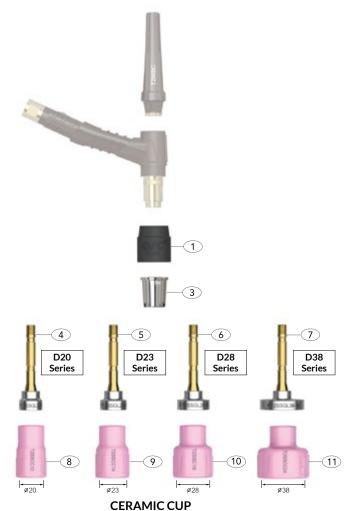


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# ARC T SUPER SERIES SYSTEM SET-UP OVERVIEW Available July 2021



T2 / T2FX / T3W / T3WFX / T4W / T4WFX



(1)2 (2a) (4) 5) 6 D20 D23 D28 Series Series Series (12) 13 -(14) ø20 Ø23 ø28

QUARTZ CUP

### Wear Parts

	Part Number	Description
1	T2GS	Head Gasket
2	T2QZSN20	Quartz Heat Zone Isolator
2a	QZR-D20	Special Seal Rings
3	T2SN	Standard Heat Zone Isolator
4	T2SSGL20-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T2SSGL20-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T2SSGL20-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T2SSGL20-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"
5	T2SSGL23-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T2SSGL23-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T2SSGL23-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T2SSGL23-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"
6	T2SSGL28-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T2SSGL28-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T2SSGL28-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T2SSGL28-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"
7	T2SSGL38-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T2SSGL38-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T2SSGL38-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T2SSGL38-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"

#### Part Number Description 8 T2SSCC12 Super Series Ceramic Cup 20mm - 3/4" 9 T2SSCC14 Super Series Ceramic Cup 23mm - 15/16" 10 T2SSCC18 Super Series Ceramic Cup 28mm - 1-1/10" **11** T2SSCC24 Super Series Ceramic Cup 38mm - 1-9/16" **12** T2SSQZ12 Super Series Quartz Cup 20mm - 3/4" Super Series Quartz Cup 23mm - 15/16" **13** T2SSQZ14 14 T2SSQZ18 Super Series Quartz Cup 28mm - 1-1/10"

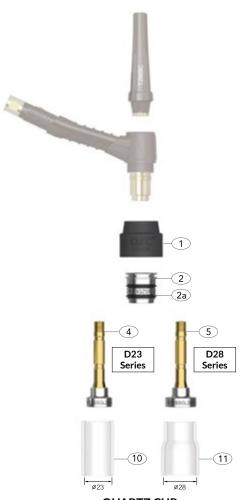
The design, manufacturing and quality systems of Arc Torchology are certified by **BVQI** in accordance with EN/ISO 9001:2015

# ARC T SUPER SERIES SYSTEM SET-UP OVERVIEW Available July 2021



T3 / T3FX / T5W / T5WFX





QUARTZ CUP

### **Wear Parts**

	Part Number	Description
1	T3GS	Head Gasket
2	T3QZSN23	Quartz Heat Zone Isolator
2a	QZR-D23	Special Seal Rings
3	T3SN	Standard Heat Zone Isolator
4	T3SSGL23-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T3SSGL23-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T3SSGL23-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T3SSGL23-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"
5	T3SSGL28-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T3SSGL28-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T3SSGL28-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T3SSGL28-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"
6	T3SSGL38-16	Super Series Gas Lens Collet Body 1.6mm - 1/16"
	T3SSGL38-20	Super Series Gas Lens Collet Body 2.0mm - 5/64"
	T3SSGL38-24	Super Series Gas Lens Collet Body 2.4mm - 2/32"
	T3SSGL38-32	Super Series Gas Lens Collet Body 3.2mm - 1/8"

	Part Number	Description
7	T3SSCC14	Super Series Ceramic Cup 23mm - 15/16"
8	T2SSCC18	Super Series Ceramic Cup 28mm - 1-1/10"
9	T2SSCC24	Super Series Ceramic Cup 38mm - 1-9/16"
10	T3SSQZ14	Super Series Quartz Cup 23mm - 15/16"
11	T3SSQZ18	Super Series Quartz Cup 28mm - 1-1/10"





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# **ARC T SUPER SERIES SYSTEM** WEAR PARTS Available July 2021

Part No.

T2SSCC12

T2SSCC14

T2SSCC18

T2SSCC24



Bore A

20mm

23mm

28mm

38mm

3/4"

15/16"

1-1/10"

1-9/16"

**Super Series Ceramic Cups** 

Super Series Ceramic Cup

Super Series Ceramic Cup

Super Series Ceramic Cup

Super Series Ceramic Cup

Description

T3W / T3WFX T4W / T4WFX T5W / T5WFX

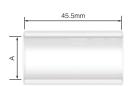
T3 / T3FX T2 / T2FX

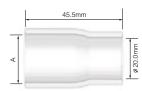
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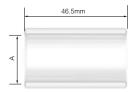
		-				
T3SSCC14	Super Series Ceramic Cup	23mm	15/16"			•
T3SSCC18	Super Series Ceramic Cup	28mm	1-1/10"			
T3SSCC24	Super Series Ceramic Cup	38mm	1-9/16"			•



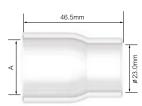


Super S	Series Quartz Cups			T2FX	T3FX	/ / T3WFX	/ / T4WFX	/ / T5WFX	
Part No.	Description	Bor	e A	T2 /	T3 /	T3V	T4W	T5W	
T2SSQZ12	Super Series Quartz Cup	20mm	3/4"	•		٠	•		_

Super Series Quartz Cup Super Series Quartz Cup		15/16" 1-1/10"	•		•
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T3SSQZ14	Super Series Quartz Cup	23mm	15/16"					٠
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T3SSQZ18	Super Series Quartz Cup	28mm	1-1/10"			

Standard wear part range

# ARC T SUPER SERIES SYSTEM WEAR PARTS Available July 2021

Part No.

T2SSGL20-16

T2SSGL20-20

T2SSGL20-24

T2SSGL20-32

T2SSGL28-16

T2SSGL38-16

T2SSGL38-20

T2SSGL38-24

T2SSGL38-32



Bore A

1/16"

5/64"

3/32"

1/8"

1.6mm

2.0mm

2.4mm

3.2mm

1.6mm

1.6mm

2.0mm

2.4mm

3.2mm

1/16"

1/16"

5/64"

3/32"

1/8"

T3W / T3WFX T4W / T4WFX T5W / T5WFX

• •

T2 / T2FX T3 / T3FX

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## Super Series Gas Lens Collet Bodies

Super Series Gas Lens Collet Body - D20

Super Series Gas Lens Collet Body - D28

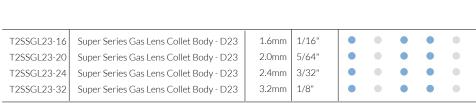
Super Series Gas Lens Collet Body - D38

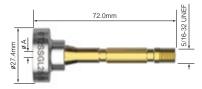
**IBERATE** our workday

Description

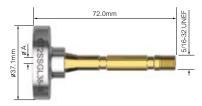








T2SSGL28-20	Super Series Gas Lens Collet Body - D28	2.0mm	5/64"			
T2SSGL28-24	Super Series Gas Lens Collet Body - D28	2.4mm	3/32"			
T2SSGL28-32	Super Series Gas Lens Collet Body - D28	3.2mm	1/8"			
		I	1		 	

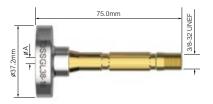




T3SSGL23-16	Super Series Gas Lens Collet Body - D23	1.6mm	1/16"	•		•
T3SSGL23-20	Super Series Gas Lens Collet Body - D23	2.0mm	5/64"			•
T3SSGL23-24	Super Series Gas Lens Collet Body - D23	2.4mm	3/32"			•
T3SSGL23-32	Super Series Gas Lens Collet Body - D23	3.2mm	1/8"			•



T3SSGL28-16	Super Series Gas Lens Collet Body - D28	1.6mm	1/16"	•		•
T3SSGL28-20	Super Series Gas Lens Collet Body - D28	2.0mm	5/64"			
T3SSGL28-24	Super Series Gas Lens Collet Body - D28	2.4mm	3/32"			
T3SSGL28-32	Super Series Gas Lens Collet Body - D28	3.2mm	1/8"			



T3SSGL38-16	Super Series Gas Lens Collet Body - D38	1.6mm	1/16"				•
T3SSGL38-20	Super Series Gas Lens Collet Body - D38	2.0mm	5/64"				•
T3SSGL38-24	Super Series Gas Lens Collet Body - D38	2.4mm	3/32"				•
T3SSGL38-32	Super Series Gas Lens Collet Body - D38	3.2mm	1/8"	•	•		•







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# ARC T SUPER SERIES SYSTEM WEAR PARTS Available July 2021



/ T3WFX / T4WFX / T5WFX

**I3FX** 

# Super Series Gas Lens Body Filter Kit 🛔

Part No.	Description	Вс	ore	T2 / 1	T3 / 1	T3W	T4W	T5W	
SSGL14.5-16FS-3KIT	Super Series Gas Lens Body Filter Kit	1.6mm	1/16"						
SSGL14.5-20FS-3KIT	Super Series Gas Lens Body Filter Kit	2.0mm	5/64"						
SSGL14.5-24FS-3KIT	Super Series Gas Lens Body Filter Kit	2.4mm	3/32"						
SSGL14.5-32FS-3KIT	Super Series Gas Lens Body Filter Kit	3.2mm	1/8"					٠	

SSGL20-16FS-3KIT	Super Series Gas Lens Body Filter Kit	1.6mm	1/16"			
SSGL20-20FS-3KIT	Super Series Gas Lens Body Filter Kit	2.0mm	5/64"			
SSGL20-24FS-3KIT	Super Series Gas Lens Body Filter Kit	2.4mm	3/32"			
SSGL20-32FS-3KIT	Super Series Gas Lens Body Filter Kit	3.2mm	1/8"			

SSGL23-16FS-3KIT	Super Series Gas Lens Body Filter Kit	1.6mm	1/16"			•
SSGL23-20FS-3KIT	Super Series Gas Lens Body Filter Kit	2.0mm	5/64"			•
SSGL23-24FS-3KIT	Super Series Gas Lens Body Filter Kit	2.4mm	3/32"			•
SSGL23-32FS-3KIT	Super Series Gas Lens Body Filter Kit	3.2mm	1/8"	•		•

SSGL28-16FS-3KIT	Super Series Gas Lens Body Filter Kit	1.6mm	1/16"	•		•
SSGL28-20FS-3KIT	Super Series Gas Lens Body Filter Kit	2.0mm	5/64"			
SSGL28-24FS-3KIT	Super Series Gas Lens Body Filter Kit	2.4mm	3/32"			
SSGL28-32FS-3KIT	Super Series Gas Lens Body Filter Kit	3.2mm	1/8"			

SSGL38-16FS-3KIT	Super Series Gas Lens Body Filter Kit	1.6mm	1/16"	•		•	•
SSGL38-20FS-3KIT	Super Series Gas Lens Body Filter Kit	2.0mm	5/64"				•
SSGL38-24FS-3KIT	Super Series Gas Lens Body Filter Kit	2.4mm	3/32"				
SSGL38-32FS-3KIT	Super Series Gas Lens Body Filter Kit	3.2mm	1/8"				











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