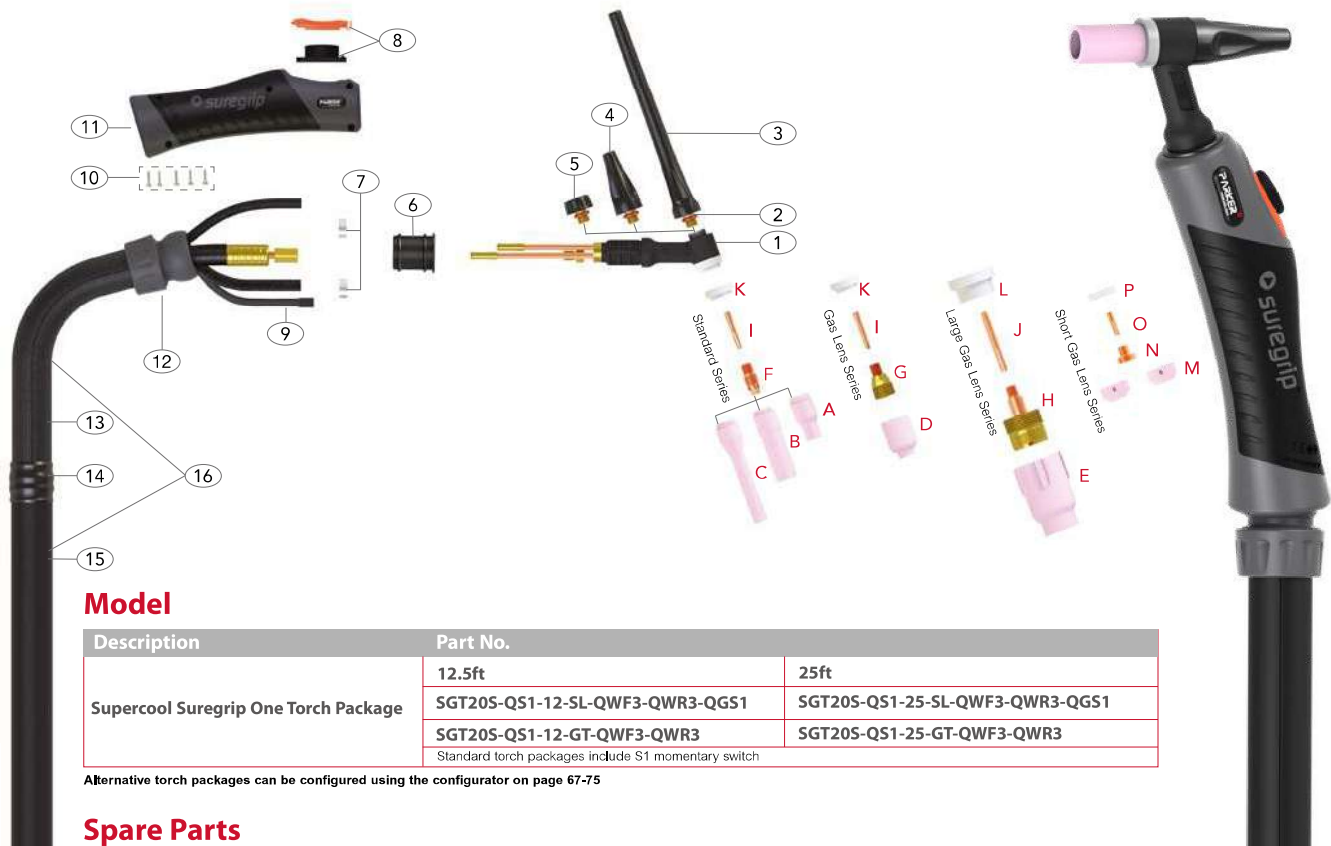


# SGT 20S Supercool Suregrip One Tig Torch Range

Rating: 340A DC, 240A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Liquid-Cooled Tig Welding Torch



## Model

Description	Part No.	
Supercool Suregrip One Torch Package	12.5ft	25ft
	SGT20S-QS1-12-SL-QWF3-QWR3-QGS1	SGT20S-QS1-25-SL-QWF3-QWR3-QGS1
	SGT20S-QS1-12-GT-QWF3-QWR3	SGT20S-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

## Spare Parts

Part No.	Description
1	PWP20S Torch Body Standard
2	P98W77 Back Cap 'O' Ring
3	P41V24 Back Cap Long
4	P41V35 Back Cap Medium
5	P41V33 Back Cap Short
6	PMIG-WP17-RING-KIT Location Sleeve Assembly
7	P15400020 Hose Clamp 8.7mm
8	PER1MS Momentary Kit
9	PERSWLQ4 Trigger Lead 12.5ft
	PERSWLQ8 Trigger Lead 25ft
10	PERSP1 Screw Pack
11	PERH200N Suregrip Large Ergo Tig Handle

Part No.	Description
12	PERKJ200 Large Knuckle Joint and Lock Nut
13	PERLC200-08 Leather Cover x 0.8mt
14	PERJK200 Jointing Repair Kit
15	PERNCL-32 Neoprene Cover Assembly x 3.2mt
	PERNCL-72 Neoprene Cover Assembly x 3.2mt
16	PERCO200-40 Sheath x 12.5ft Inc Leather Cover
	PERCO200-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



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## Wear Parts

### A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			mm	inch
P13N08	Standard Ceramic Cup	4	6	1/4
P13N09	Standard Ceramic Cup	5	8	5/16
P13N10	Standard Ceramic Cup	6	10	3/8
P13N11	Standard Ceramic Cup	7	11	7/16
P13N12	Standard Ceramic Cup	8	12.5	1/2
P13N13	Standard Ceramic Cup	10	16	5/8

### B Standard Long Ceramic Cups

Part No.	Description	Size	Bore A	
			mm	inch
P796F70	Standard Long Ceramic Cup	3	5	3/16
P796F71	Standard Long Ceramic Cup	4	6	1/4
P796F72	Standard Long Ceramic Cup	5	8	5/16
P796F73	Standard Long Ceramic Cup	6	10	3/8

### C Standard Extra Long Ceramic Cups

Part No.	Description	Size	Bore A	
			mm	inch
P796F74	Standard Extra Long Ceramic Cup	3	5	3/16
P796F75	Standard Extra Long Ceramic Cup	4	6	1/4
P796F76	Standard Extra Long Ceramic Cup	5	8	5/16
P796F77	Standard Extra Long Ceramic Cup	6	10	3/8

### D Gas Lens Cups

Part No.	Description	Size	Bore A	
			mm	inch
P53N58	Gas Lens Cup	4	6	1/4
P53N59	Gas Lens Cup	5	8	5/16
P53N60	Gas Lens Cup	6	10	3/8
P53N61	Gas Lens Cup	7	11	7/16
P53N61S	Gas Lens Cup	8	12.5	1/2

### E Large Diameter Gas Lens Cups

Part No.	Description	Size	Bore A	
			mm	inch
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2
P57N75	Large Diameter Gas Lens Cup	6	10	3/8
P53N87	Large Diameter Gas Lens Cup	12	19	3/4
P53N88	Large Diameter Gas Lens Cup	10	16	5/8

### F Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
P13N26	Standard Collet Body	1.0	0.040
P13N27	Standard Collet Body	1.6	1/16
P13N27M	Standard Collet Body	2.0	5/64
P13N28	Standard Collet Body	2.4	3/32
P13N29	Standard Collet Body	3.2	1/8

### G Gas Lens Bodies

Part No.	Description	Electrode Size	
		mm	inch
P45V42	Gas Lens Body	1.0	0.040
P45V43	Gas Lens Body	1.6	1/16
P45V43M	Gas Lens Body	2.0	5/64
P45V44	Gas Lens Body	2.4	3/32
P45V45	Gas Lens Body	3.2	1/8

### H Large Diameter Gas Lens Bodies

Part No.	Description	Electrode Size	
		mm	inch
P45V0204S	Large Diameter Gas Lens Body	1.0	0.040
P45V116S	Large Diameter Gas Lens Body	1.6	1/16
P45V64S	Large Diameter Gas Lens Body	2.4	3/32
P995795S	Large Diameter Gas Lens Body	3.2	1/8

### I Standard Collets

Part No.	Description	Electrode Size	
		mm	inch
P13N21	Standard Collet	1.0	0.040
P13N22	Standard Collet	1.6	1/16
P13N22M	Standard Collet	2.0	5/64
P13N23	Standard Collet	2.4	3/32
P13N24	Standard Collet	3.2	1/8

### J Large Diameter Gas Lens Collets

Part No.	Description	Electrode Size	
		mm	inch
P13N21L	Large Diameter Gas Lens Collet	1.0	0.040
P13N22L	Large Diameter Gas Lens Collet	1.6	1/16
P13N23L	Large Diameter Gas Lens Collet	2.4	3/32
P13N24L	Large Diameter Gas Lens Collet	3.2	1/8

### Gas Lens Insulators

Part No.	Description
K P598882	Stubby Gas Lens Cup Insulator
L P54N63-20	Large Gas Lens Cup Insulator

### M Short Gas Lens Ceramic Cup New

Part No.	Description	Size	Bore A	
			mm	inch
P53N59ES	Short Gas Lens Ceramic Cup	5	8	5/16
P53N60ES	Short Gas Lens Ceramic Cup	6	10	3/8

### N Short Gas Lens Body New

Part No.	Description	Electrode Size	
		mm	inch
P45V42ES	Short Gas Lens Body	1.0	0.040
P45V43ES	Short Gas Lens Body	1.6	1/16
P45V44ES	Short Gas Lens Body	2.4	3/32
P45V45ES	Short Gas Lens Body	3.2	1/8

### O Short Collet Bodies New

Part No.	Description	Electrode Size	
		mm	inch
P13N21ES	Short Collet Body	1.0	0.040
P13N22ES	Short Collet Body	1.6	1/16
P13N23ES	Short Collet Body	2.4	3/32
P13N24ES	Short Collet Body	3.2	1/8

### P Short Cup Insulator New

Part No.	Description
P598882ES	Short Cup Insulator