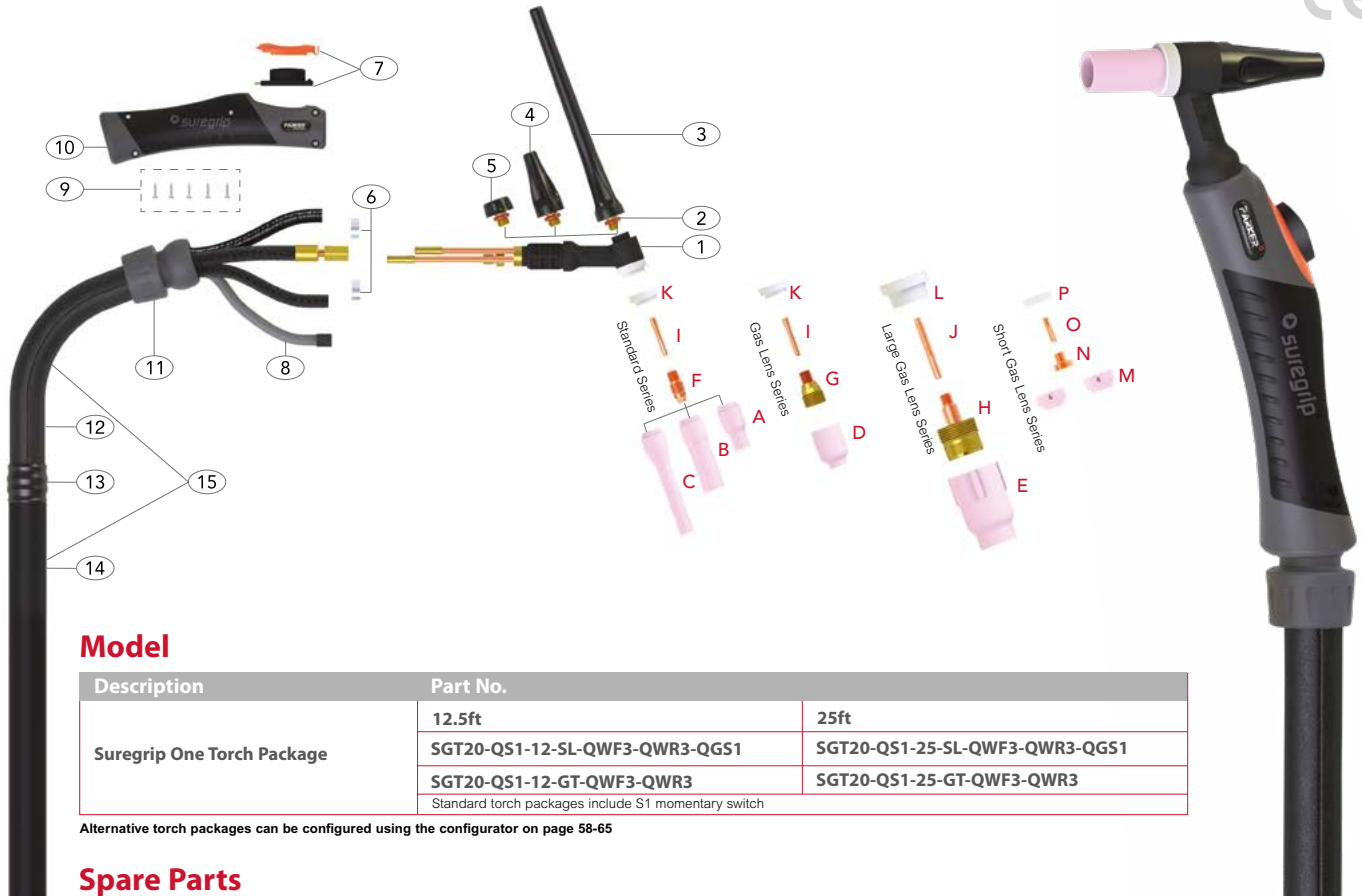


SGT 20 Suregrip One Tig Torch Range

Rating: 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT20-QS1-12-SL-QWF3-QWR3-QGS1	SGT20-QS1-25-SL-QWF3-QWR3-QGS1
	SGT20-QS1-12-GT-QWF3-QWR3	SGT20-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 58-65

Spare Parts

Part No.	Description
1	PWP20 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	PB5025S Gas Hose Clamp 8.0mm
7	PER1MS Momentary Kit
8	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
9	PERSP1 Screw Pack
10	PERH100N Suregrip Small Ergo Tig Handle

Part No.	Description
11	PERKJ100 Small Knuckle Joint and Lock Nut
12	PERLC100-08 Leather Cover x 0.8mt
13	PERJK100 Jointing Repair Kit
14	PERNCS-32 Neoprene Cover x 3.2mt
	PERNCS-72 Neoprene Cover x 7.2mt
15	PERCO100-40 Sheath x 12.5ft Inc Leather Cover
	PERCO100-80 Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 75 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 68-74
- Wear Parts Configuration Table Pages 83-88
- Rear-End / Cable Parts Pages 89-94



SGT 20 Suregrip One Tig Torch Range

Rating: 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Liquid-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	BoreA	
			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	BoreA	
			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	BoreA	
			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	BoreA	
			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	BoreA	
			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		BoreA
		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	1.0	0.040
P13N22ES	Short Collet	1.6	1/16
P13N23ES	Short Collet	2.4	3/32
P13N24ES	Short Collet	3.2	1/8

P Short Cup Insulator New

Part No.	Description
P598882ES	Short Cup Insulator