SR 17-TW

gas-cooled



Different modular switch units available:

single push-button
double push-button
up/down (4 push-buttons)
single push-button
with potentiometer

SR 17V-TW

gas-cooled



140 Amp./100% duty cycle (DC)
125 Amp./100% duty cycle (AC)

HSN 569

SR 17-TW / SR 17V-TW

gas-cooled

Equipment:
A standard
B gas lens
D gas lens jumbo
E gas lens mini
F standard mini







O-ring red ID8-W2 mm included
17189001

Back cap gasket ring
17289001



Insulator
17289021

Kir Royal argon nozzle
fits equipment line **E**



17930006
for 1,0 - 3,2

with firmly built-in sieves
for perfect gas circulation

A **B** **D** **E** **F**



Gas lens insulator
17089021



Gas lens insulator jumbo
17089031



Collet L50mm
17□□5002 **for** 1,0/1,6/2,4
18□□5002 **for** 3,2/4,0
□□**Please fill in size**



Collet L50mm
17□□5002 **for** 1,0/1,6/2,4
18□□5002 **for** 3,2/4,0
□□**Please fill in size**



Collet L50mm
17□□5002 **for** 1,0/1,6/2,4
18□□5002 **for** 3,2/4,0
□□**Please fill in size**



Collet L29mm
17□□3002 **for** 1,0/1,6/2,4
18323002 **for** 3,2
□□**Please fill in size**



Collet L29mm
17□□3002 **for** 1,0/1,6/2,4
18323002 **for** 3,2
□□**Please fill in size**



Collet body
1796□□02 **for** 1,0/1,6/2,4
1896□□02 **for** 3,2/4,0
□□**Please fill in size**



Gas lens
1796□□11 **for** 1,0/1,6/2,4
1896□□11 **for** 3,2/4,0
□□**Please fill in size**



Gas lens jumbo
1796□□21 **for** 1,0/1,6/2,4
1896□□21 **for** 3,2/4,0
□□**Please fill in size**



Gas lens mini
1796□□31 **for** 1,0/1,6/2,4
18963231 **for** 3,2
□□**Please fill in size**



Collet body mini
1796□□03 **for** 1,0/1,6/2,4
18963203 **for** 3,2
□□**Please fill in size**



Ceramic nozzle L47mm
for standard collet body
Please state size
Also available in
special length L76mm



Ceramic nozzle L42mm
for gas lens
Please state size
Also available in
special length L76mm



Ceramic nozzle L 48mm
for gas lens jumbo
Please state size



Ceramic nozzle L20mm
for gas lens mini
Please state size

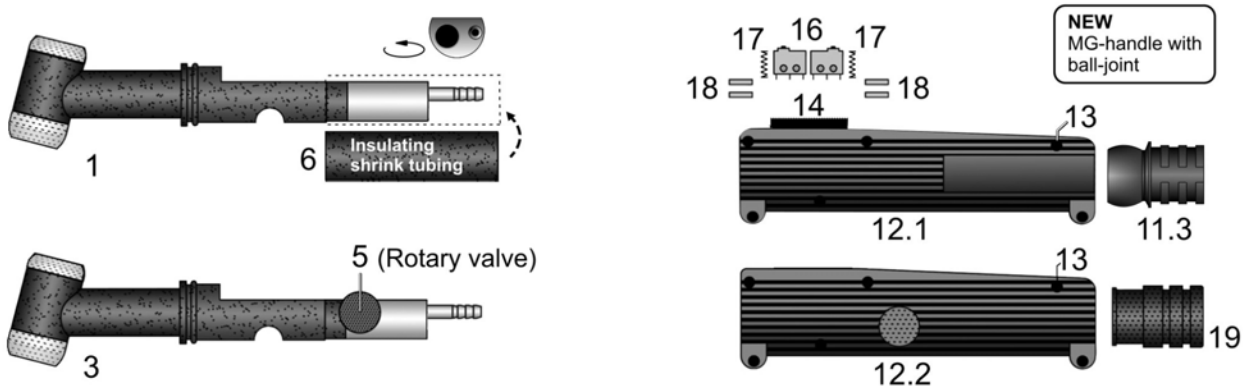


Ceramic nozzle L30mm
for standard collet body mini
Please state size
Also available in special lengths
L48mm / L63mm / L89mm

HSN 734-2

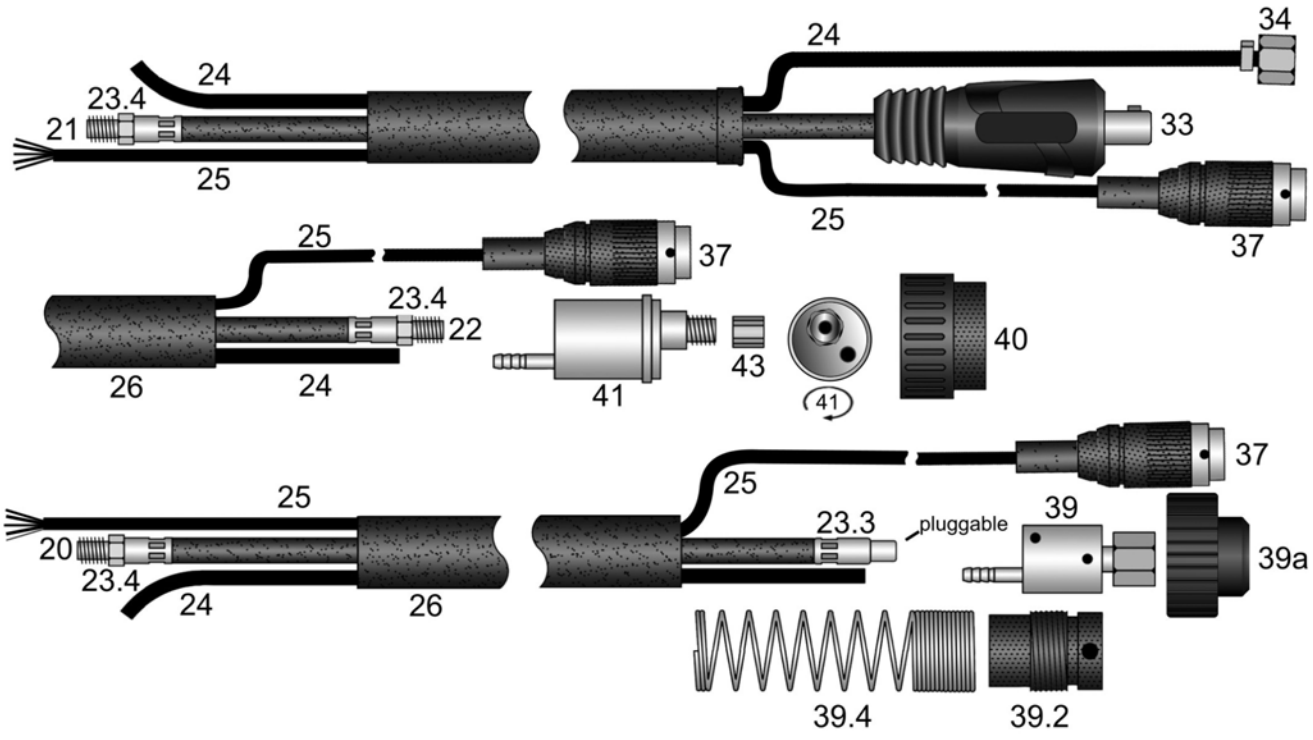
SR 17-TW gas-cooled

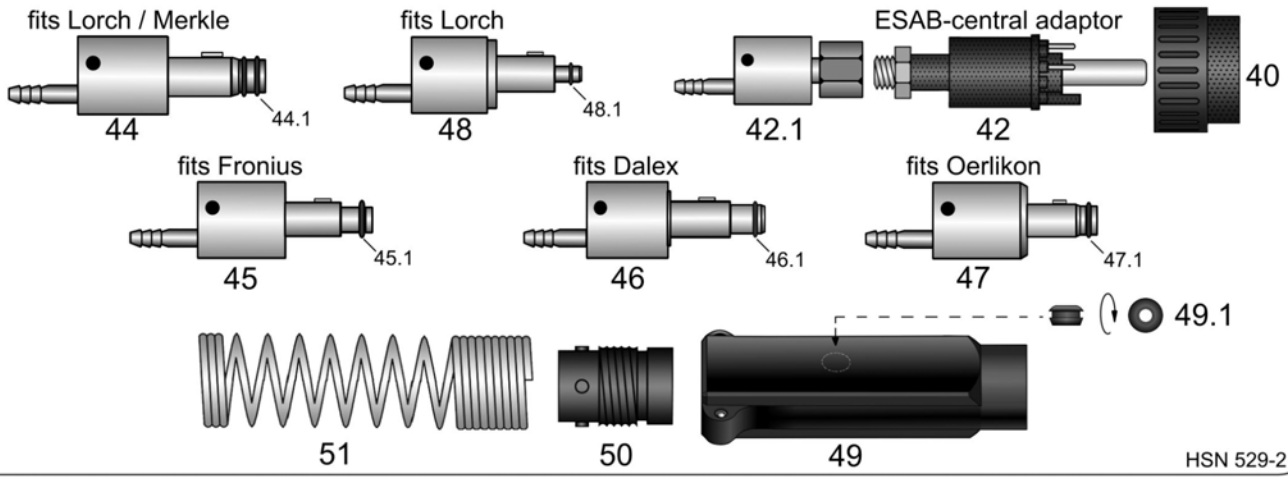
140 Ampere at 100% duty cycle (DC) - 125 Ampere at 100% duty cycle (AC)



Forma WIG-handle with ball joint - different modular switch units - special switching modules on request

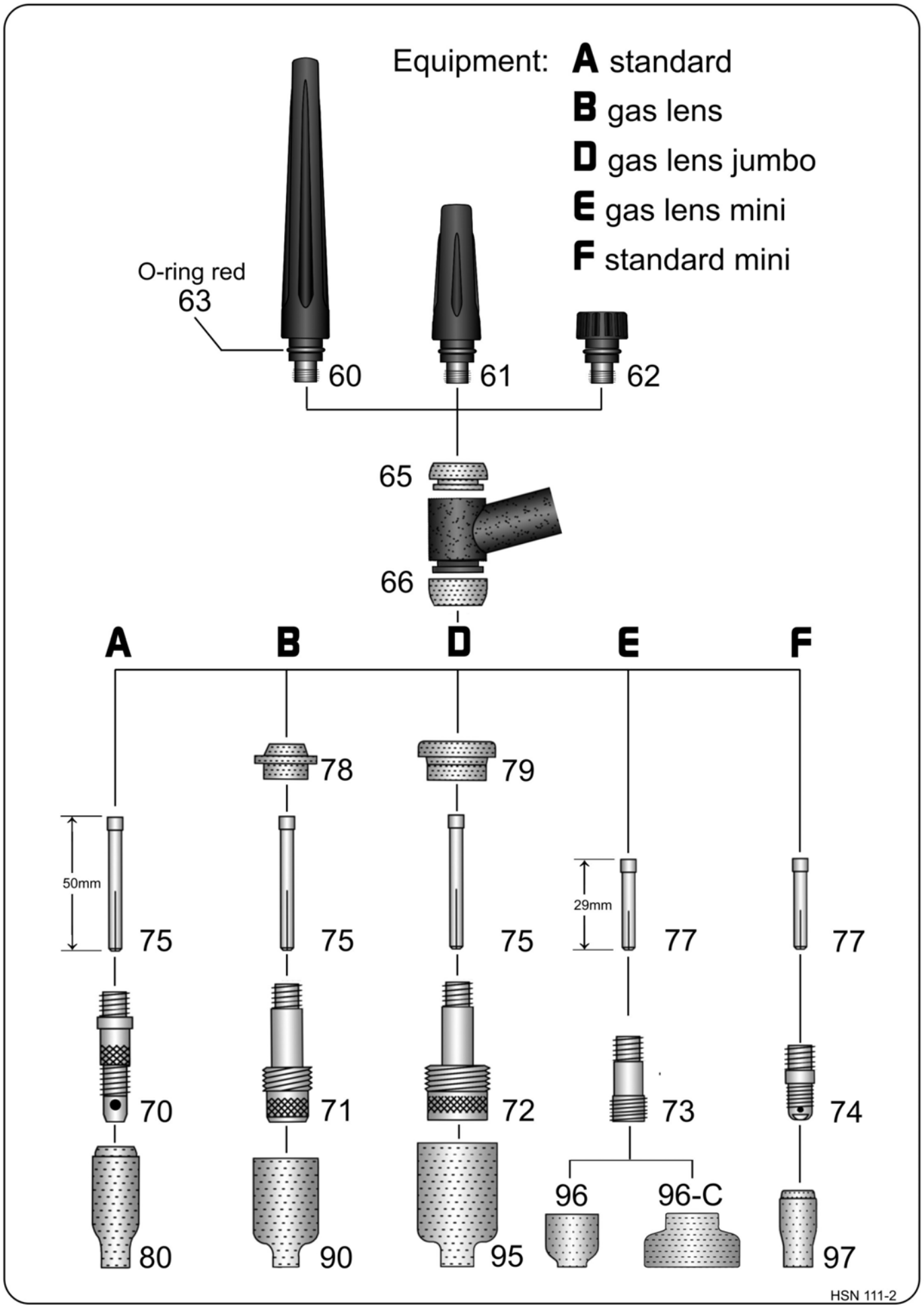






HSN 529-2

SR 17 - TW gas-cooled spare parts



SR 17-TW

Welding-torch TIG gas-cooled

140A at 100% duty cycle (DC) - 125A at 100% duty cycle (AC)

	Art.-No.	
		Torches with first meter leather hose. Machine side separate connections.
		Torches and cable assemblies can be produced in excess lengths. Please find the different options and surcharges in the attachment "Custom made products" appendix C. We produce torches for more than 40 different brands of machines with different connection systems.
	17900401	**Torch SR 17-TW / 4m 25mm²**
	17900801	**Torch SR 17-TW / 8m 25mm²**
	17140401	**Valve torch SR 17V-TW / 4m 25mm²**
	17140801	**Valve torch SR 17V-TW / 8m 25mm²**
		TIG-spare cable assemblies in different qualities, machine side with separate connections and Tuchel plug, or, if ordered so, with the following connection systems:
	wig92401	**TIG-spare cable assembly gas-cooled 4m - please state desired design!**
	wig92801	**TIG-spare cable assembly gas-cooled 8m - please state desired design!**
		The following surcharges for machine side connections are only to find prices quickly. Please use our catalogue "TIG machine side connections" to find a "T"number which identifies a machine side connection system completely.
	29000101	**Surcharge: machine side with EURO central adapter**
	29002005	**Surcharge: machine side power/gas plug fits Lorch/Merkle with 2 O-rings**
	29002004	**Surcharge: machine side power/gas plug fits Fronius with 1 O-ring**
	29002006	**Surcharge: machine side power/gas plug fits Dalex with 1 O-ring**
	29002107	**Surcharge: machine side power/gas plug fits Oerlikon with 1 O-ring**
	29002002	**Surcharge: machine side power/gas plug fits Lorch SK35 + gas-nipple**
	29000112	**Surcharge: machine side fits ESAB central adapter, 4 pins installed at position 3,4,5,6**
		Please note that there might be additional charges for special control line plugs. See appendix D.
1	**17991001**	**Torch body SR 17-TW**
3	**17149101**	**Torch body with valve SR 17V-TW**
5	**90789001**	**Rotary valve TW complete with O-rings**
N.i.	**17389013**	**O-ring ID3-W1,5mm fits rotary valve TW inside (material hepthon 951)**
N.i.	**17389012**	**O-ring ID4,6-W2mm fits rotary valve TW outside (material hepthon 951)**
6	**18050002**	**Ignition insulating hose L75mm / ID32mm down to ID16mm**
11.1	**91914601**	**Forma TIG handle with screws, ball joint, without modular switch unit**
11.2	**91914602**	**Forma screw for handle**
11.3	**91914603**	**Forma hose bracket with ball joint ID21,5mm (also fits MG-handle)**
11.4	**91914611**	**Forma modular switch unit: 1 button with connecting adapter**
11.5	**91914621**	**Forma modular switch unit: 2 buttons with connecting adapter**
11.6	**91914631**	**Forma modular switch unit: 1 button + potentiometer (10k) with connecting adapter**
11.7	**91914641**	**Forma modular switch unit: 2 buttons + up/down (4 switches) with connecting adapter**
11.8	**91914651**	**Forma connecting adapter fits control line to modular switch unit**
N.i.	**91914661**	**Forma switch module safety nipple**
N.i.	**91914671**	**TW-steadying adapter, anti turn locking for TW-torch bodies**
12.1	**91914061**	**MG-handle with ball joint, push-button, 2 return springs, 2 microswitches and 4 cylindrical pins**
12.2	**91914033**	**MG-handle fits TW valve torch**
13	**91914421**	**MG-tapping screw**
14	**91915002**	**MG-push button**
16	**91914121**	**MG-microswitch**

SR 17-TW

Welding-torch TIG gas-cooled

140A at 100% duty cycle (DC) - 125A at 100% duty cycle (AC)

	Art.-No.	
17	**91914221**	**MG-return spring**
18	**91914321**	**MG-cylindrical pin**
19	**91915001**	**MG-hose bracket without ball joint ID19,5mm**
20	**17942403**	**Power cable 25mm² 9/17-TW / 4m fits power/gas plugs + power gas junction (pgj)**
20	**17942803**	**Power cable 25mm² 9/17-TW / 8m fits power/gas plugs + power gas junction (pgj)**
21	**17942402**	**Power cable 25mm² 9/17-TW / 4m with SK25 or SK35 <--- please state!**
21	**17942802**	**Power cable 25mm² 9/17-TW / 8m with SK25 or SK35 <--- please state!**
22	**17942404**	**Power cable 25mm² 9/17-TW / 4m fits EURO central adapter (OT-M10x1)**
22	**17942804**	**Power cable 25mm² 9/17-TW / 8m fits EURO central adapter (OT-M10x1)**
23.3	**22089056**	**TIG-Power cable connector pluggable ID7,2mm fits 25mm² for power/gas plugs + pgj**
23.4	**22089053**	**TIG-Power cable connector OT-M10x1 ID7,2mm fits 25mm²**
		Reel goods: Prices are per meter and only applicable for purchasing of complete rolls
24	**41500001**	**Meter ST 70 PVC hose ID4,0-W1,5mm black for gas (100m)**
24	**41500005**	**Meter HT 130 TPE hose ID4,0-W1,5mm grey for gas (100m)**
N.i.	**91902701**	**Meter control line 3x0,34mm² shielded black (100m)**
N.i.	**91902711**	**Meter control line 3x0,5mm² green (100m)**
25	**91902721**	**Meter control line 5x0,25mm² grey (100m)**
26	**20150002**	**Meter neoprene protective hose ID20mm black (40m)**
N.i.	**91915004**	**Leather protective hose ID22mm / 1 meter long**
N.i.	**91915007**	**Leather protective hose ID22mm / 1 meter long with ball joint and hose connector**
N.i.	**91915013**	**Hose connector leather protective hose / protection hose ID22,5mm (black) with slot, OD with grooves**
33	**91918201**	**Powercable-plug SK-25 bayonet connection AD8mm**
33	**91918301**	**Powercable-plug SK-35 bayonet connection AD13mm**
34	**91901501**	**Coupling nut IT-G1/4"**
34	**91901211**	**Hose connector 4mm fits coupling nut R1/4""**
37	**91904101**	**Plug 3-poles Tuchel with bayonet-catch**
37	**91904111**	**Plug 5-poles Tuchel with bayonet-catch**
		More control line plugs see appendix D
39	**91918521**	**TIG power gas junction (pgj) with connection: IT-G1/8"**
39	**91918522**	**TIG power gas junction (pgj) with connection: IT-G1/4"**
39	**91918523**	**TIG power gas junction (pgj) with connection: IT-G3/8"**
39a	**91903503**	**Insulating sleeve with inner hexagonal shape A/F17 for TIG power-connection IT-G1/4"**
N.i.	**91918551**	**Attachment screw (plastic) M5x12mm for power gas junction (pgj)**
N.i.	**91918552**	**3 grommets for attachment screws M5x12mm power gas junction (pgj)**
N.i.	**91918542**	**Section of insulating hose ID35-L80mm power gas junction (pgj)**
39.2	**91918541**	**TIG spring socket small (without knobs)**
39.4	**91918531**	**Cable support spring L125mm for power gas junction (pgj)**
40	**91900701**	**Terminal nut insulated fits EURO central adapter**
41	**91900122**	**TIG central adapter EURO (fits separate lines)**
42	**91900301**	**TIG central adapter identical ESAB, 4 contact pins at position 3,4,5,6**

SR 17-TW

Welding-torch TIG gas-cooled

140A at 100% duty cycle (DC) - 125A at 100% duty cycle (AC)

	Art.-No.	
42.1	91918561	TIG power gas junction (pgj) fits ESAB central adapter
43	91900901	Swivel nut IT-M10x1 (rounded edges) fits EURO central adapter
44	9190411n	Power/gas plug fits Lorch / Merkle with 2 O-rings / power connection like pgj
44.1	81600001	O-ring ID8-W1,6mm fits Lorch/Merkle
45	91918326	Power/gas plug fits Fronius with 1 O-ring / power connection like pgj
45.1	62190001	O-ring ID6,2-W1,9mm fits Fronius
46	9190416e	Power/gas plug fits Dalex with 1 O-ring / power connection like pgj
46.1	63240001	O-ring ID6,3-W2,4mm fits Dalex
47	9190422n	Power/gas plug fits Oerlikon with 1 O-ring / power connection like pgj
47.1	60717801	O-ring ID6,07-W1,78mm fits Oerlikon
48	9190421n	Power/gas plug fits Lorch Sk35 + gas-nipple / power connection like pgj
48.1	91900801	O-ring ID4-W1mm fits gas-nipple EURO central adapter
N.i.	91900552	TIG cable support long (like MIG-MAG) with screws fits ESAB central adapter
N.i.	91900554	Attachment screw M4x8mm fits ESAB central adapter
49	91900556	TIG cable support short with screws (fits gas-cooled)
N.i.	91920702	Screw M3x11,5mm fits Ratio/Industry/RAUCH handle and cable support
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
o.A.	91900602	Screw M4x6mm fits TIG cable support short
49.1	91901012	Reduction-eyelet (rubber) from ID10,5mm to ID5mm fits TIG cable support short
50	91912801	Spring-socket fits cable support
51	91912601	Cable support spring
60	17191311	Holch back cap long (USA version with red O-ring) SR 17-18-26 57Y02
61	17191321	Holch back cap medium (USA version with red O-ring) SR 17-18-26 57Y03
62	17191301	Holch back cap short (USA version with red O-ring) SR 17-18-26 57Y04
63	17189001	O-ring red ID8-W2mm for back cap
65	17289001	PTFE-back-cap gasket ring SR 17-18-26 18-7
66	17289021	PTFE-isolator SR 17-18-26 18CG
70	17961002	Collet body 17-18-26-220 / 1,0 10N30
70	17961602	Collet body 17-18-26-220 / 1,6 10N31
70	17962402	Collet body 17-18-26-220 / 2,4 10N32
71	17961011	Gas lens 17-18-26-220 / 1,0 45V24
71	17961611	Gas lens 17-18-26-220 / 1,6 45V25
71	17962411	Gas lens 17-18-26-220 / 2,4 45V26
72	17961021	Jumbo-Gas lens 17-18-26-220 / 1,0 45V0204
72	17961621	Jumbo-Gas lens 17-18-26-220 / 1,6 45V116
72	17962421	Jumbo-Gas lens 17-18-26-220 / 2,4 45V64
73	17961031	Gas lens "Mini" SR 17-18-26 / 1,0 conversion kit
73	17961631	Gas lens "Mini" SR 17-18-26 / 1,6 conversion kit
73	17962431	Gas lens "Mini" SR 17-18-26 / 2,4 conversion kit
74	18961003	Collet body "Mini" SR 17-18-26 1,0 conversion kit
74	18961603	Collet body "Mini" SR 17-18-26 1,6 conversion kit
74	18962403	Collet body "Mini" SR 17-18-26 2,4 conversion kit

SR 17-TW

Welding-torch TIG gas-cooled

140A at 100% duty cycle (DC) - 125A at 100% duty cycle (AC)

	Art.-No.	
74	**18963203**	**Collet body "Mini" SR 17-18-26 / 1,0 - 3,2 17CB20 conversion kit**
		Brazen collets L-50mm suitable equipment line (A) standard collet body suitable equipment line (B) gas lens suitable equipment line (D) gas lens jumbo
75	**17105002**	**Collet L50mm SR 17-18-26 wp-18SC / 1,0 10N22**
75	**17165002**	**Collet L50mm SR 17-18-26 wp-18SC / 1,6 10N23**
75	**17245002**	**Collet L50mm SR 17-18-26 wp-18SC / 2,4 10N24**
		Copper-collets L-29mm suitable equipment line (E) gas lens mini suitable equipment line (F) standard collet body mini
77	**17103002**	**Collet L29mm SR 17-18-26 "Mini" 1,0 10N22S**
77	**17163002**	**Collet L29mm SR 17-18-26 "Mini" 1,6 10N23S**
77	**17243002**	**Collet L29mm SR 17-18-26 "Mini" 2,4 10N24S**
78	**17089021**	**PTFE-Gas-lens insulator 17-18-26-220 54N01**
79	**17089031**	**PTFE-Gas-lens insulator Jumbo 17-18-26-220 54N63**
		Ceramic gas nozzles in different lengths suitable equipment line (A) standard collet body
80	**17930401**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.4 10N50 (pu=10pieces)**
80	**17930501**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.5 10N49 (pu=10pieces)**
80	**17930601**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.6 10N48 (pu=10pieces)**
80	**17930701**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.7 10N47 (pu=10pieces)**
80	**17930801**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.8 10N46 (pu=10pieces)**
80	**17930101**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.10 10N45 (pu=10pieces)**
80	**17930121**	**Ceramic gas nozzle L47mm 17-18-26-220 / Gr.12 10N44 (pu=10pieces)**
N.i.	**17930404**	**Ceramic gas nozzle L76mm 17-18-26-220 / Gr.4 10N50L (pu=10pieces)**
N.i.	**17930504**	**Ceramic gas nozzle L76mm 17-18-26-220 / Gr.5 10N49L (pu=10pieces)**
N.i.	**17930604**	**Ceramic gas nozzle L76mm 17-18-26-220 / Gr.6 10N48L (pu=10pieces)**
N.i.	**17930704**	**Ceramic gas nozzle L76mm 17-18-26-220 / Gr.7 10N47L (pu=10pieces)**
		Ceramic gas nozzles in different lengths suitable equipment line (B) gas lens
90	**22093041**	**Gas nozzle for gas lens L42mm / Gr.4 54N18 (pu=10pieces)**
90	**22093051**	**Gas nozzle for gas lens L42mm / Gr.5 54N17 (pu=10pieces)**
90	**22093061**	**Gas nozzle for gas lens L42mm / Gr.6 54N16 (pu=10pieces)**
90	**22093071**	**Gas nozzle for gas lens L42mm / Gr.7 54N15 (pu=10pieces)**
90	**22093081**	**Gas nozzle for gas lens L42mm / Gr.8 54N14 (pu=10pieces)**
90	**22093111**	**Gas nozzle for gas lens L42mm / Gr.11 54N19-11 (pu=10pieces)**
90	**22093121**	**Gas nozzle for gas lens L42mm / Gr.12 54N19 (pu=10pieces)**
N.i.	**22093054**	**Gas nozzle for gas lens L76mm / Gr.5 54N17L (pu=10pieces)**
N.i.	**22093064**	**Gas nozzle for gas lens L76mm / Gr.6 54N16L (pu=10pieces)**
N.i.	**22093074**	**Gas nozzle for gas lens L76mm / Gr.7 54N15L (pu=10pieces)**
N.i.	**22093084**	**Gas nozzle for gas lens L76mm / Gr.8 54N14L (pu=10pieces)**
		Ceramic gas nozzles jumbo in different lengths suitable eqipment line (D) gas lens jumbo
95	**22093066**	**Jumbo gas nozzle L48mm / Gr.6 57N75 (pu=10pieces)**

SR 17-TW

Welding-torch TIG gas-cooled

140A at 100% duty cycle (DC) - 125A at 100% duty cycle (AC)

	Art.-No.	
95	**22093086**	**Jumbo gas nozzle L48mm / Gr.8 57N74 (pu=10pieces)**
95	**22093106**	**Jumbo gas nozzle L48mm / Gr.10 53N88 (pu=10pieces)**
95	**22093126**	**Jumbo gas nozzle L48mm / Gr.12 53N87 (pu=10pieces)**
N.i.	**22093067**	**Jumbo gas nozzle L73mm / Gr.6 57N75L (pu=10pieces)**
N.i.	**22093087**	**Jumbo gas nozzle L73mm / Gr.8 57N74L (pu=10pieces)**
N.i.	**22093107**	**Jumbo gas nozzle L73mm / Gr.10 53N88L (pu=10pieces)**
N.i.	**22093127**	**Jumbo gas nozzle L73mm / Gr.12 53N87L (pu=10pieces)**
		Ceramic gas nozzles L-20mm suitable equipment line (E) gas lens mini
96	**17930502**	**Ceramic gas nozzle L20mm SR 17-18-26 / Gr.5 fits gas lens "Mini" 53N59MS (pu=10pieces)**
96	**17930602**	**Ceramic gas nozzle L20mm SR 17-18-26 / Gr.6 fits gas lens "Mini" 53N60MS (pu=10pieces)**
96	**17930702**	**Ceramic gas nozzle L20mm SR 17-18-26 / Gr.7 fits gas lens "Mini" 53N61MS (pu=10pieces)**
96-C	**17930006**	**Ceramic nozzle for gas lens Kir Royal 17-18-26 / fits tuncsten electrodes up to 3,2mm**
		Ceramic gas nozzles suitable equipment line (F) collet body standard mini
97	**20930401**	**Ceramic gas nozzle L30mm / Gr. 4 13N08 (pu=10pieces)**
97	**20930501**	**Ceramic gas nozzle L30mm / Gr. 5 13N09 (pu=10pieces)**
97	**20930601**	**Ceramic gas nozzle L30mm / Gr. 6 13N10 (pu=10pieces)**
97	**20930701**	**Ceramic gas nozzle L30mm / Gr. 7 13N11 (pu=10pieces)**
97	**20930801**	**Ceramic gas nozzle L30mm / Gr. 8 13N12 (pu=10pieces)**
97	**20930101**	**Ceramic gas nozzle L30mm / Gr.10 13N13 (pu=10pieces)**
N.i.	**20930304**	**Ceramic gas nozzle L48mm / Gr. 3 796F70 (pu=10pieces)**
N.i.	**20930404**	**Ceramic gas nozzle L48mm / Gr. 4 796F71 (pu=10pieces)**
N.i.	**20930504**	**Ceramic gas nozzle L48mm / Gr. 5 796F72 (pu=10pieces)**
o.A	**20930604**	**Ceramic gas nozzle L48mm / Gr. 6 796F73 (pu=10pieces)**
N.i.	**20930306**	**Ceramic gas nozzle L63mm / Gr. 3 796F74 (pu=10pieces)**
N.i.	**20930406**	**Ceramic gas nozzle L63mm / Gr. 4 796F75 (pu=10pieces)**
N.i.	**20930506**	**Ceramic gas nozzle L63mm / Gr. 5 796F76 (pu=10pieces)**
N.i.	**20930606**	**Ceramic gas nozzle L63mm / Gr. 6 796F77 (pu=10pieces)**
N.i.	**20930408**	**Ceramic gas nozzle L89mm / Gr. 4 796F79 (pu=10pieces)**

Top quality tungsten electrodes in 8 different qualities, see appendix A.