SR 9
gas-cooled

Different modular switch units available:
single push-button
double push-button
up/down (4 push-buttons)
single push-button
with potentiometer



SR 9F
gas-cooled

SR 9V
gas-cooled



SR 9FV
gas-cooled

110 Amp./60% duty cycle (DC)
95 Amp./60% duty cycle (AC)

HSN 559AB

SR 9 / SR 9F / SR 9V / SR 9FV

gas-cooled

Equipment: **A** standard
B gas lens
C gas lens medium size
D gas lens jumbo





O-ring red ID4,2-W2mm included
20089002

Kir Royal argon nozzle
fits equipment line **B**
with firmly built-in sieves
for perfect gas circulation



20930016
for 1,0 - 3,2



A | **B** | **C** | **D**



Insulator gasket
20089011



Insulator gasket
20089011



Gas lens insulator medium size
20089031



Gas lens insulator jumbo
20089021



Collet L25mm
20□2502 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Collet L25mm
20□2502 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Collet L40mm
20□4011 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Collet L40mm
20□4011 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Collet body
2096□02 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Gas lens
2096□11 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Gas lens medium size
2096□31 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



Gas lens jumbo
2096□21 **for** 1,0/1,6/2,4/3,2
□ **Please fill in size**



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



Ceramic nozzle L25,5mm
for gas lens
Please state size
Also available in special lengths
L35mm / L72mm



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



Ceramic nozzle L48mm
for Gas lens jumbo
Please state size

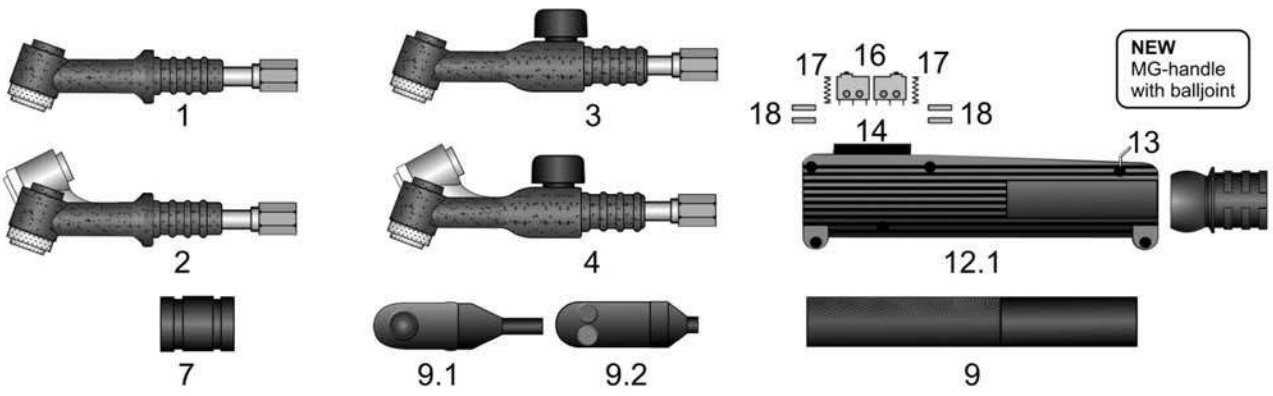
Holch Schweißbrenner

GETESTET EN 60974-7 ISO 9001:2015

www.holch-siegen.de

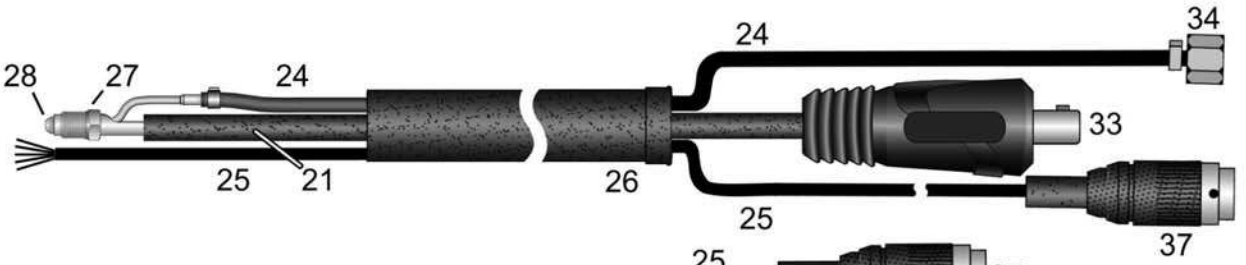
SR 9 gas-cooled

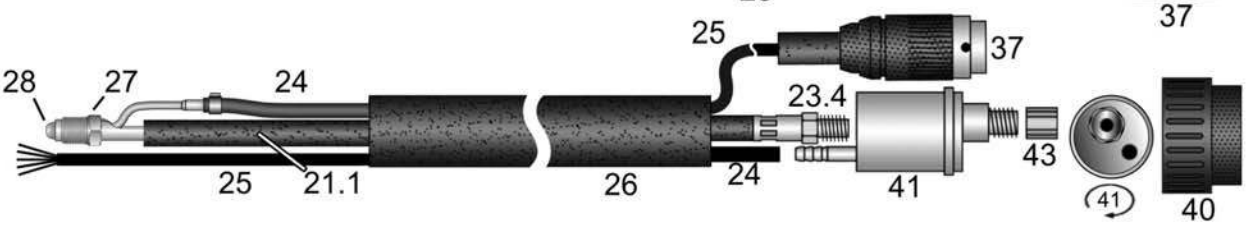
110 Ampere at 60% duty cycle (DC) - 95 Ampere at 60% duty cycle (AC)

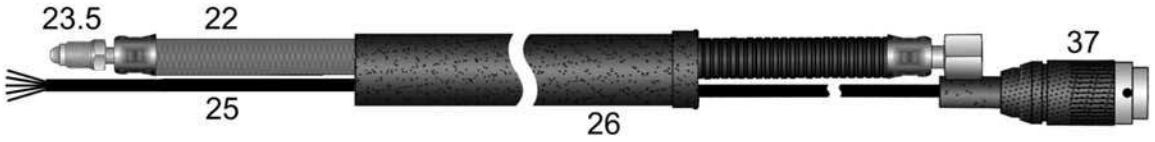


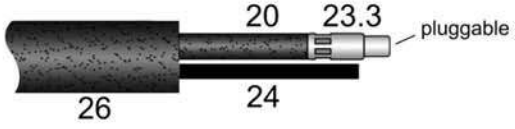
Forma WIG-handle with ball joint - different modular switch units - special switching modules on request

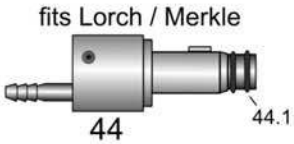


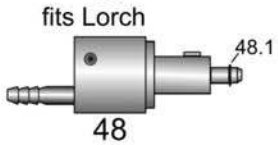


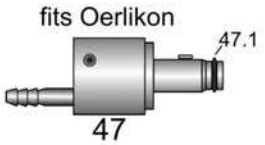


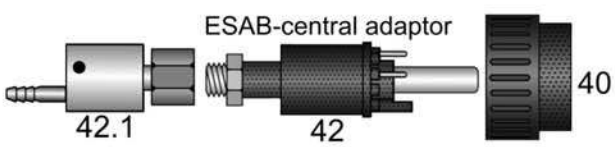


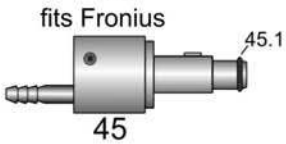


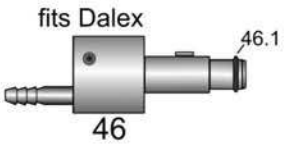


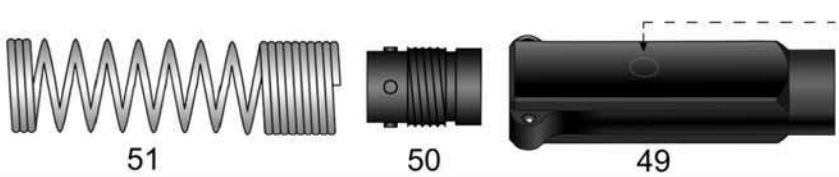




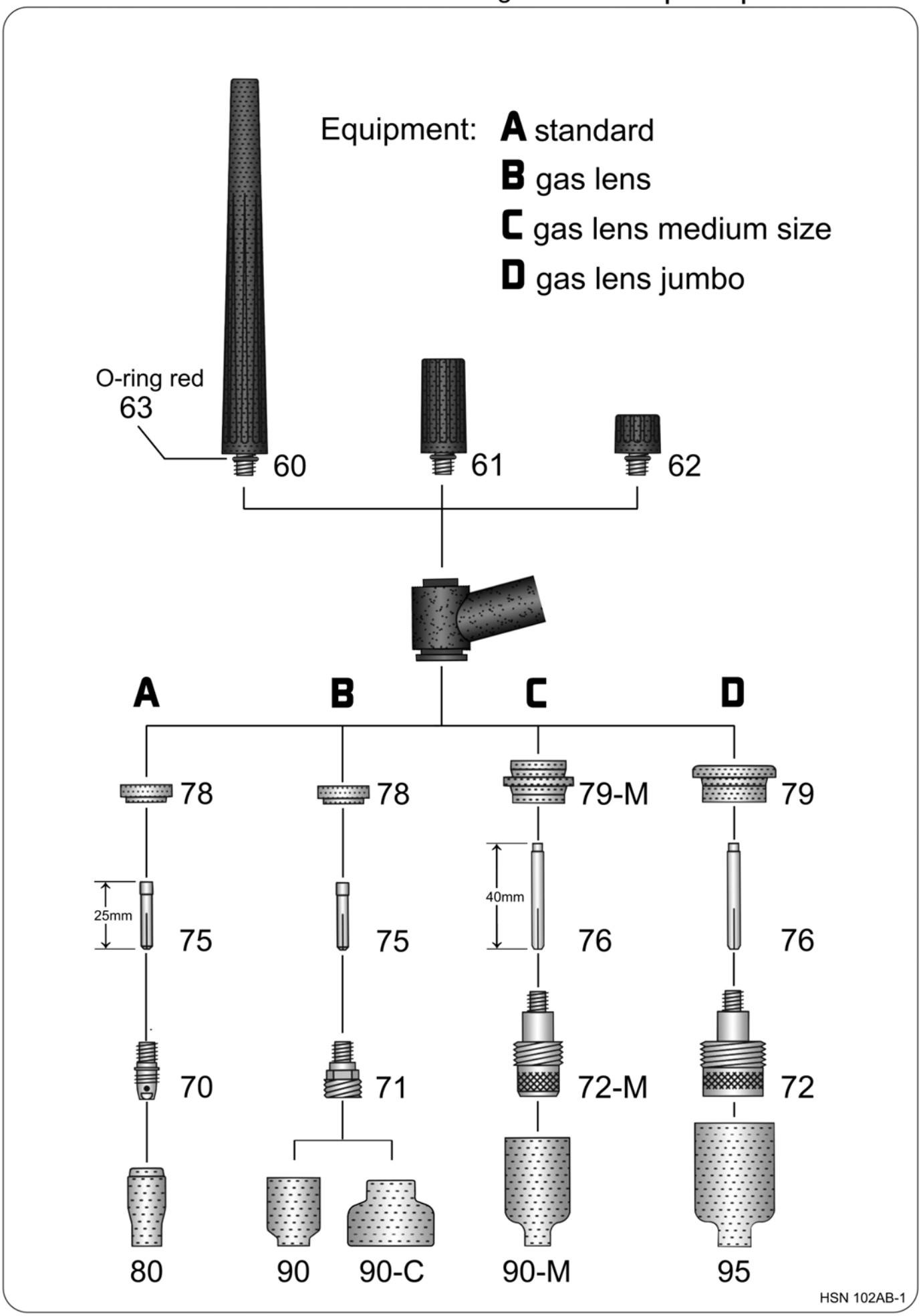








HSN 521AB-1


Equipment:
A standard
B gas lens
C gas lens medium size
D gas lens jumbo
O-ring red
63
60
61
62
A
B
C
D
78
78
79-M
79
25mm
40mm
75
75
76
76
70
71
72-M
72
80
90
90-C
90-M
95
HSN 102AB-1

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
		Torches with first meter leather hose. Machine side seperate connections with Tuchel-plug. In varation to the torches listed below, the torches can also be produced with other power/gas cables (e.g. HT 180 silicone superflexible). This can also be combined with hoses in a lot of different qualities. Torches and cable assemblies can be produced in excess lengths. Please find the different options and surcharges in the appendix C "Custom made products". We produce torches for more than 40 different brands of machines with differnt connection systems.
	90200401	Torch SR 9 / 4m
	90200801	Torch SR 9 / 8m
	90400401	FLEX-torch SR 9F / 4m neck flexible
	90400801	FLEX-torch SR 9F / 8m neck flexible
	90300401	Valve torch SR 9V / 4m
	90300801	Valve torch SR 9V / 8m
	90900401	FLEX-Valve torch SR 9FV / 4m neck flexible
	90900801	FLEX-Valve torch SR 9FV / 8m neck flexible
		TIG-spare cable assemblies, either with separate connections, or for 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 machine side connections are only listed for fast price finding purposes. In our catalogue "TIG machine side connections" you´ll find technical information specifying a machine side connection.
	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 be aware that further surcharges may apply for some special control-line plugs. See appendix D.
1	90291001	Torch body SR 9 shaft Ø 15mm
2	90491001	Torch body SR 9F neck flexible (FLEX) shaft Ø 16,5mm
3	90391001	Valve-torch body SR 9V shaft Ø 15mm
4	90991001	Valve-torch body SR 9FV neck flexible (FLEX) shaft Ø 15mm
7	91914811	Rubber adapter fits Forma and MG handles for shaft Ø 15mm
N.i.	91914812	Rubber adapter fits Forma and MG handles for shaft Ø 16,5mm
9	17108802	Import handling-tube H-100 SR 9-17-20 ID15,0mm
N.i.	17108803	Import handling-tube H-100 SR 9-17-20 ID16,5mm
9.1	10089001	Single stroke button (rubber)
9.2	91921301	Doublepush button red/green
N.i.	17089001	One-hole shrinking hose switch sleeve ID39mm - min 13mm
N.i.	17089002	Two-hole shrinking hose switch sleeve ID39mm - min 13mm

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
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
12.1	91914061	MG-handle with ball joint, push-button, 2 return springs, 2 microswitches and 4 cylindrical pins
13	91914421	MG-tapping screw
14	91915002	MG-push button
16	91914121	MG-microswitch
17	91914221	MG-return spring
18	91914321	MG-cylindrical pin
20	17941403	Powercable 25mm² SR 9-17 / 4m fits power/gas plugs + power gas junction (pgj)
20	17941803	Powercable 25mm² SR 9-17 / 8m fits power/gas plugs + power gas junction (pgj)
21	17941402	Power cable 25mm² SR 9-17 / 4m with SK25 or SK35 <--- please state!
21	17941802	Power cable 25mm² SR 9-17 / 8m with SK25 or SK35 <--- please state!
21.1	17941404	Powercable 25mm² SR 9-17 / 4m fits EURO central adapter (OT-M10x1)
21.1	17941804	Powercable 25mm² SR 9-17 / 8m fits EURO central adapter (OT-M10x1)
		The following power-/gas cables are produced with an inner thread connection M10x1 to fit an Euro-central adapter For 4m long torches:
N.i.	17941411	ST 80 PVC-NIT power/gas conduit 17,31mm² SR 9-17 / 4m
N.i.	17944413	HT 110 rubber fabric hose power/gas conduit 17,31mm² SR 9-17 / 4m
N.i.	17941415	HT 130 TPE power/gas conduit 17,31mm² SR 9-17 / 4m
N.i.	17941418	HT 180 silicone super flexible power/gas conduit 17,31mm² SR 9-17 / 4m
		For 8m long torches:
N.i.	17941811	ST 80 PVC-NIT power/gas conduit 17,31mm² SR 9-17 / 8m
N.i.	17944813	HT 110 rubber fabric hose power/gas conduit 17,31mm² SR 9-17 / 8m
N.i.	17941815	HT 130 TPE power/gas conduit 17,31mm² SR 9-17 / 8m
N.i.	17941818	HT 180 silicone super flexible power/gas conduit 17,31mm² SR 9-17 / 8m
		Please state the machine side connection for the following power/gas cables. For 4m long torches:
22	17941401	ST 80 PVC-NIT power/gas conduit 17,31mm² SR 9-17 / 4m
22	17944403	HT 110 rubber fabric hose power/gas conduit 17,31mm² SR 9-17 / 4m
22	17941405	HT 130 TPE power/gas conduit 17,31mm² SR 9-17 / 4m
22	17941408	HT 180 silicone super flexible power/gas conduit 17,31mm² SR 9-17 / 4m
		For 8m long torches:
22	17941801	ST 80 PVC-NIT power/gas conduit 17,31mm² SR 9-17 / 8m
22	17944803	HT 110 rubber fabric hose power/gas conduit 17,31mm² SR 9-17 / 8m
22	17941805	HT 130 TPE power/gas conduit 17,31mm² SR 9-17 / 8m
22	17941808	HT 180 silicone super flexible power/gas conduit 17,31mm² SR 9-17 / 8m

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
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
23.5	90380002	Power connector AD9mm OT-3/8"UNF-rechts
		Reel goods: Prices are given per meter and only valid for purchase of complete reels
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)
27	91907701	Power cable connector separate lines SR 9-17 OT-3/8" UNF-right-hand thread
28	91907712	Hose connector long for separate lines SR 9-17
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
N.i.	91918321	Powercable plug SK25 with separate gas inlet, power-/gas connection OT-M12x1
33	91918301	Powercable-plug SK-35 bayonet connection AD13mm
N.i.	91918311	Powercable plug SK35 with separate gas inlet, power-/gas connection OT-M12x1
34	91901501	Coupling nut IT-G1/4"
N.i.	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 please see appendix D.
40	91900701	Terminal nut insulated fits EURO central adapter
41	91900122	TIG central adapter EURO (fits separate lines)
N.i.	91900121	TIG-central adapter EURO central adapter with IT-M10x1 (fits power/gas conduit)
42	91900301	TIG central adapter identical ESAB, 4 contact pins at position 3,4,5,6
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
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

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
N.i.	91920703	M3 mounting socket fits Ratio/Industry/RAUCH handle and cable support
N.i.	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
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
60	20091322	Import back cap 9-20 (with red O-ring) long
61	20091312	Import back cap 9-20 (with red O-ring) medium
62	20091302	Import back cap 9-20 (with red O-ring) short
63	20089002	O-ring ID4,2-W2mm red fits import back cap
70	20961002	Collet body 9-20 / 1,0 13N26
70	20961602	Collet body 9-20 / 1,6 13N27
71	20961011	Gas lens 9-20 / 1,0 45V42
71	20961611	Gas lens 9-20 / 1,6 45V43
72-M	20961031	Gas lens medium 9-20 / 1,0
72-M	20961631	Gas lens medium 9-20 / 1,6
72	20961021	Jumbo-Gas lens 9-20 / 1,0 45V0204S
72	20961621	Jumbo-Gas lens 9-20 / 1,6 45V116S
		Brazen collets L-25mm for equipment line (A) standard collet for equipment line (B) gas lens
75	20102502	Collet L25mm 9-20 / 1,0 13N21
75	20162502	Collet L25mm 9-20 / 1,6 13N22
		Brazen collets L-40mm for equipment line (C) gas lens midsize for equipment line (D) Jumbo gas lens
76	20104011	Collet L40mm 9-20 / 1,0 13N21L
76	20164011	Collet L40mm 9-20 / 1,6 13N22L
78	20089011	PTFE-isolator gasket 9-20
79-M	20089031	PTFE-gas lens isolator medium 9-20
79	20089021	PTFE-gas lens isolator Jumbo 9-20 54N63-20
		Ceramic gas nozzles in different lengths for equipment line (A) standard collet body
80	20930401	Ceramic gas nozzle L30mm / Gr. 4 13N08 (pu=10pieces)
80	20930501	Ceramic gas nozzle L30mm / Gr. 5 13N09 (pu=10pieces)
80	20930601	Ceramic gas nozzle L30mm / Gr. 6 13N10 (pu=10pieces)
80	20930701	Ceramic gas nozzle L30mm / Gr. 7 13N11 (pu=10pieces)
80	20930801	Ceramic gas nozzle L30mm / Gr. 8 13N12 (pu=10pieces)
80	20930101	Ceramic gas nozzle L30mm / Gr.10 13N13 (pu=10pieces)
N.i.	20930304	Ceramic gas nozzle L48mm / Gr. 3 796F70 (pu=10pieces)

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
N.i.	20930404	Ceramic gas nozzle L48mm / Gr. 4 796F71 (pu=10pieces)
N.i.	20930504	Ceramic gas nozzle L48mm / Gr. 5 796F72 (pu=10pieces)
N.i.	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)
		Ceramic gas nozzles in different lengths for equipment line (B) gas lens
90	20931401	Ceramic gas nozzle for gas lens L25,5mm 9-20 / Gr.4 53N58 (pu=10pieces)
90	20931501	Ceramic gas nozzle for gas lens L25,5mm 9-20 / Gr.5 53N59 (pu=10pieces)
90	20931601	Ceramic gas nozzle for gas lens L25,5mm 9-20 / Gr.6 53N60 (pu=10pieces)
90	20931701	Ceramic gas nozzle for gas lens L25,5mm 9-20 / Gr.7 53N61 (pu=10pieces)
90	20931801	Ceramic gas nozzle for gas lens L25,5mm 9-20 / Gr.8 53N61-S (pu=10pieces)
N.i.	20931404	Ceramic gas nozzle for gas lens L35mm 9-20 / Gr.4 53N58L (pu=10pieces)
N.i.	20931504	Ceramic gas nozzle for gas lens L35mm 9-20 / Gr.5 53N59L (pu=10pieces)
N.i.	20931604	Ceramic gas nozzle for gas lens L35mm 9-20 / Gr.6 53N60L (pu=10pieces)
N.i.	20931704	Ceramic gas nozzle for gas lens L35mm 9-20 / Gr.7 53N61L (pu=10pieces)
N.i.	20931804	Ceramic gas nozzle for gas lens L35mm 9-20 / Gr.8 53N61SL (pu=10pieces)
N.i.	20931406	Ceramic gas nozzle for gas lens L72mm 9-20 / Gr.4 53N58XL (pu=10pieces)
N.i.	20931506	Ceramic gas nozzle for gas lens L72mm 9-20 / Gr.5 53N59XL (pu=10pieces)
N.i.	20931606	Ceramic gas nozzle for gas lens L72mm 9-20 / Gr.6 53N60XL (pu=10pieces)
N.i.	20931706	Ceramic gas nozzle for gas lens L72mm 9-20 / Gr.7 53N61XL (pu=10pieces)
N.i.	20931806	Ceramic gas nozzle for gas lens L72mm 9-20 / Gr.8 53N61SXL (pu=10pieces)
90-C	20930016	Ceramic nozzle for gas lens Kir Royal 9-20 / fits tuncsten electrode up to 3,2mm
		Ceramic gas nozzles in different lengths for equipment line (C) midsize gas lens
90-M	22093041	Gas nozzle for gas lens L42mm / Gr.4 54N18 (pu=10pieces)
90-M	22093051	Gas nozzle for gas lens L42mm / Gr.5 54N17 (pu=10pieces)
90-M	22093061	Gas nozzle for gas lens L42mm / Gr.6 54N16 (pu=10pieces)
90-M	22093071	Gas nozzle for gas lens L42mm / Gr.7 54N15 (pu=10pieces)
90-M	22093081	Gas nozzle for gas lens L42mm / Gr.8 54N14 (pu=10pieces)
90-M	22093111	Gas nozzle for gas lens L42mm / Gr.11 54N19-11 (pu=10pieces)
90-M	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)
		Ceramic gas nozzles Jumbo in different lengths for equipment line (D) Jumbo gas lnes
95	22093066	Jumbo gas nozzle L48mm / Gr.6 57N75 (pu=10pieces)
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)

SR 9

Welding-torch TIG gas-cooled with import torch body

110A at 60% duty cycle (DC) - 95A at 60% duty cycle (AC)

	Art.-No.	
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)
		Premium tungsten electrodes of 8 different kinds in the appendix A.