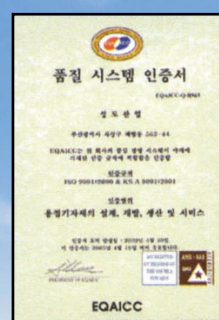
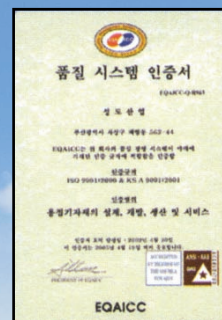


Sunshine

PLASMA PART



SUNG DO INDUSTRIAL CO.,LTD.

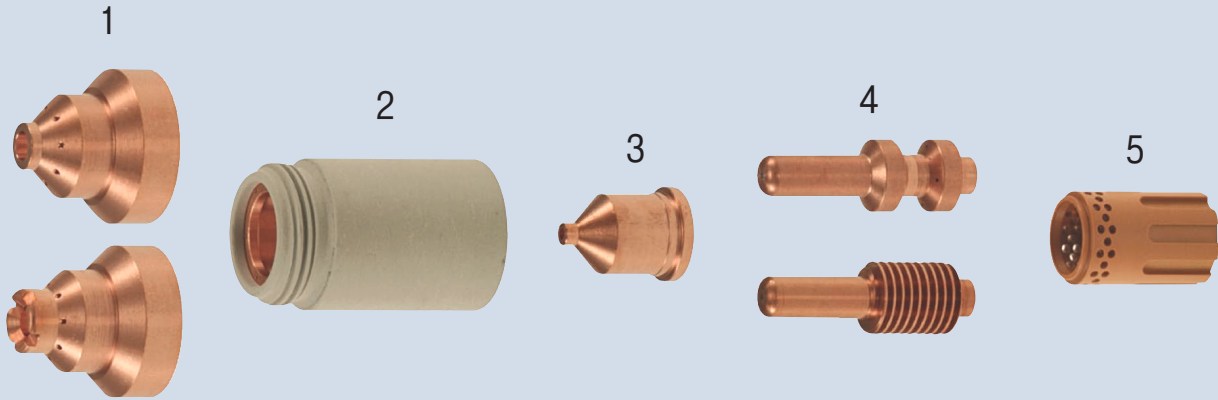


ISO 9001:2000 & KS A9001:2001

Index

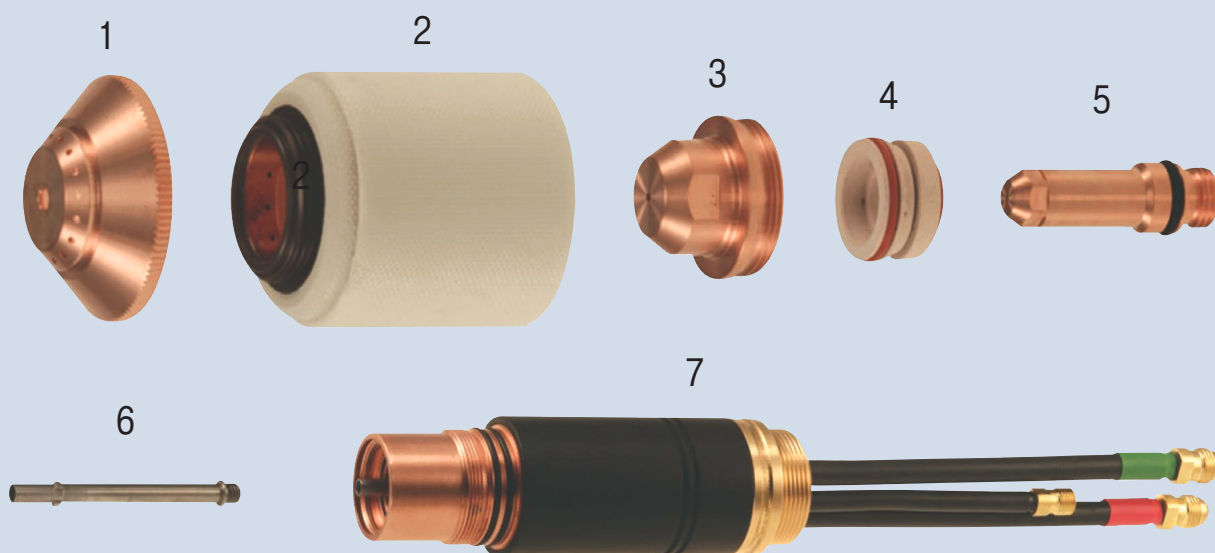
POWER MAX 1650	3
MAX 200 / HT2000	4
HPR 260-80A / HPR130A, 200A, 260A	5
HPR 130A, 260A-Bevel	6
Hypertherm HT 4400	7
KOIKE 410-OPS	8
KOIKE 600-OPS	9
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ESAB 19XL	11
ESAB PT600	12
TANAKA FY-500	13
AIR PLAZMA 150A	14
PLAZMA WELDING 70A	15

POWER MAX 1650



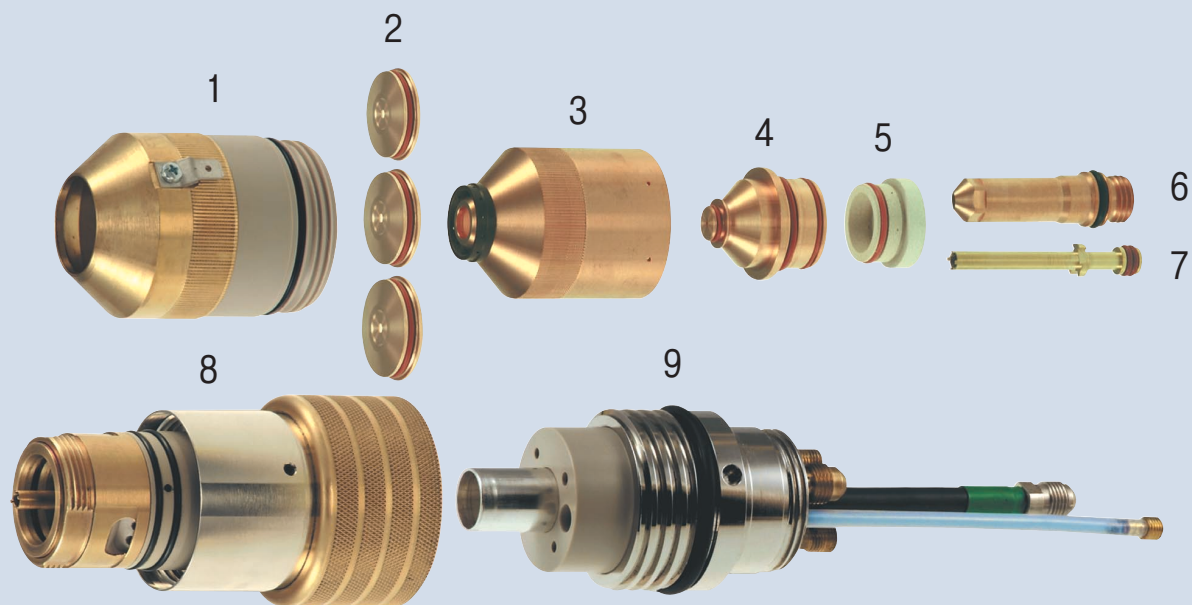
I tem	Ref No.	Part No	Description	Std.Pkg
1	220065	SD-220065	Machine Shield 100A	1
	220047	SD-220047	Hand Shield 100A	1
	120930	SD-120930	Machine Shield 80A / 60A / 40A	1
	120929	SD-120929	Hand Shield 80A / 60A / 40A	1
2	120928	SD-190928	Retaining Cap 80A / 60A / 40A	1
	220048	SD-220048	Retaining Cap 100A	1
3	220011	SD-220011	Nozzle 100A	5
	120927	SD-120927	Nozzle 80A	5
	120931	SD-120931	Nozzle 60A	5
	120932	SD-120932	Nozzle 40A	5
4	120926	SD-120926	Electrode 80A / 60A / 40A	5
	220037	SD-220037	Electrode 100A	5
5	120925	SD-120925	Swirl Ring 40A / 60A / 80A	1
	220051	SD-220051	Swirl Ring 100A	1

MAX 200 / HT2000



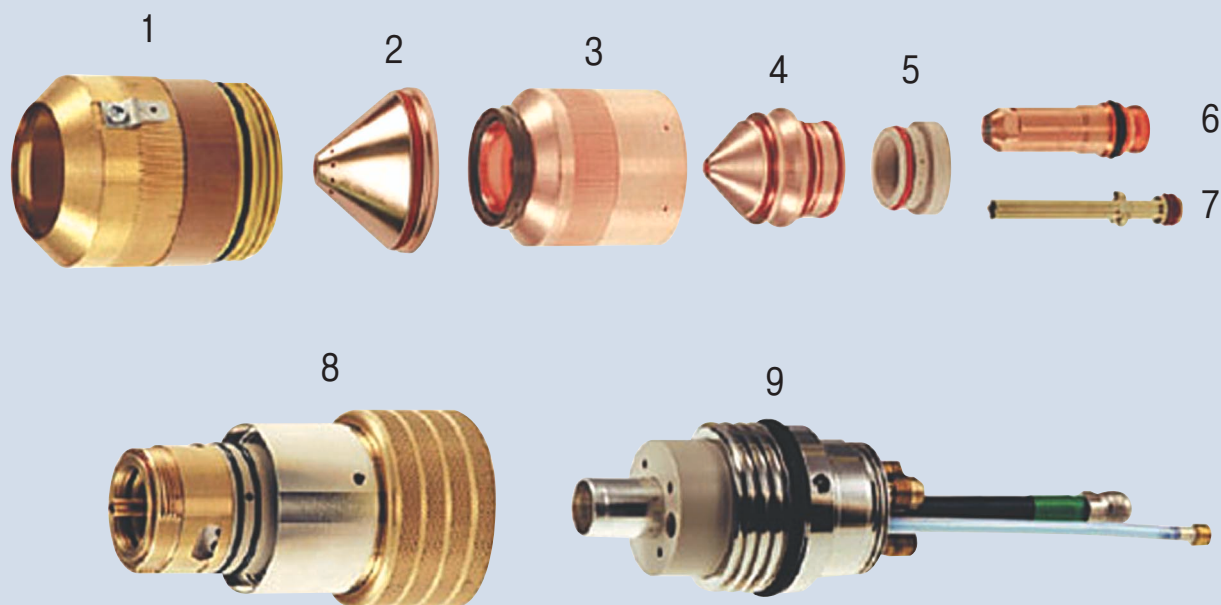
I tem	Ref No.	Part No	Description	Std.Pkg
1	020424	SD-020424	Shield Machine 200A	1
	020448	SD-020448	Shield Machine 100A	1
2	020423	SD-020423	Retaining Cap	1
3	020611	SD-020611	Nozzle 100A	5
	020608	SD-020608	Nozzle 200A	1
4	020607	SD-020607	Swirl Ring 100A	1
	020679	SD-020679	Swirl Ring 200A	1
5	120667	SD-120667	Electrode 200A	5
	120547	SD-120547	Electrode 100A	5
6	-	-	Water Tube	1
7	120584	SD-120584	Torch Body	1

HPR260-80A / HPR130A, 200A, 260A



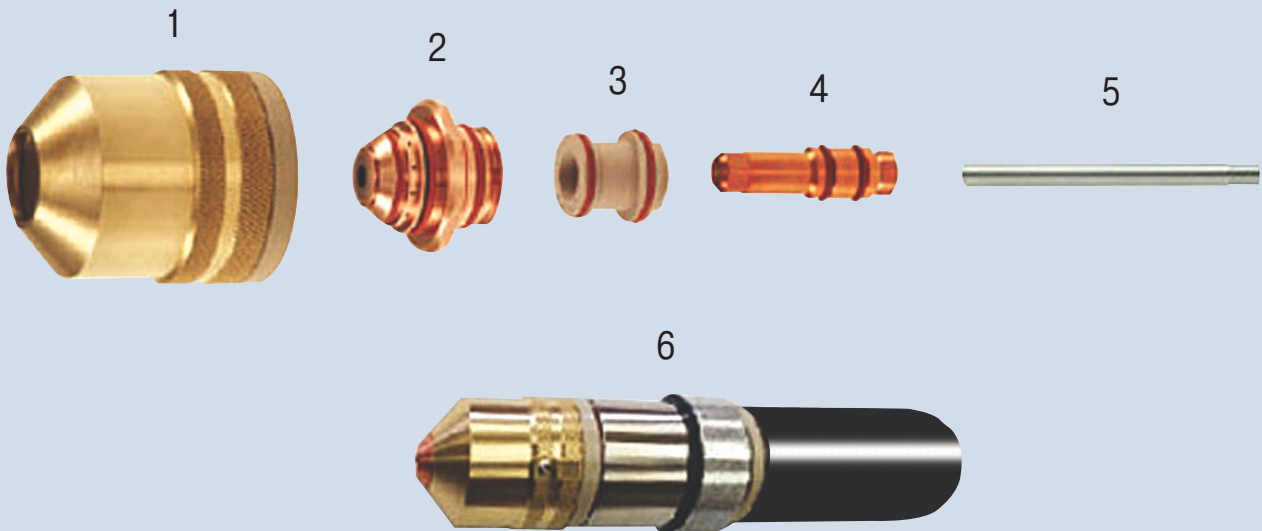
I tem	Ref No.	Part No	Description	Std.Pkg
1	220173	SD-220173	Shield Cap 80A, 130A	1
	220398	SD-220398	Shield Cap 200A	1
	220398	SD-220398	Shield Cap 260A	1
2	220189	SD-220189	Shield 80A	1
	220183	SD-220183	Shield 130A	1
	220356	SD-220356	Shield 200A	1
	220440	SD-220440	Shield 260A	1
3	220176	SD-220176	Retaining Cap 80A, 130A	1
	220355	SD-220355	Retaining Cap 200A	1
	220433	SD-220433	Retaining Cap 260A	1
4	220188	SD-220188	Nozzle 80A	5
	220182	SD-220182	Nozzle 130A	5
	220354	SD-220354	Nozzle 200A	5
	220439	SD-220439	Nozzle 260A	5
5	220179	SD-220179	Swirl Ring 80A, 130A	1
	220353	SD-220353	Swirl Ring 200A	1
	220436	SD-220436	Swirl Ring 260A	1
6	220187	SD-220187	Electrode 80A	5
	220181	SD-220181	Electrode 130A	5
	220352	SD-220352	Electrode 200A	5
	220435	SD-220435	Electrode 260A	5
7	220340	SD-220340	Water Tube	1
8	220162	SD-220162	Disconnect Torch	1
9	220163	SD-220163	Disconnect Recepticle	1

HPR130A, 260A-Bevel



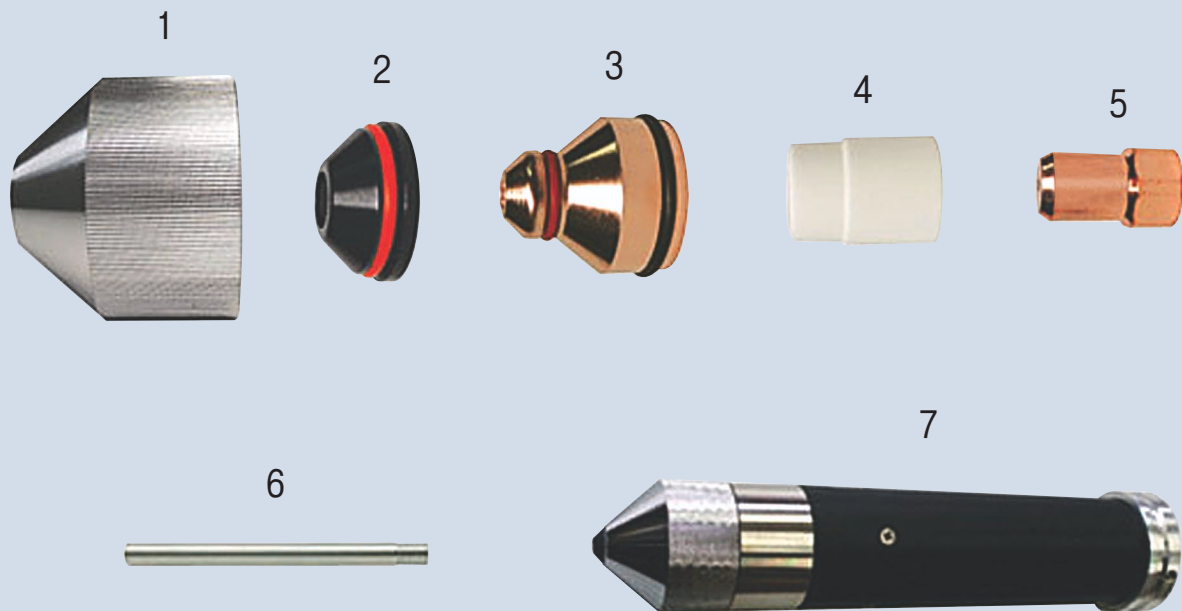
I tem	Ref No.	Part No	Description	Std.Pkg
1	220398	SD-220398	Shield Cap 130A, 260A	1
	220398	SD-220398	Shield Cap 130A, 260A	1
2	220645	SD-220645	Shield 130A	1
	220545	SD-220545	Shield 260A	1
3	220603	SD-220603	Retaining Cap 130A	1
	220603	SD-220603	Retaining Cap 260A	1
4	220646	SD-220646	Nozzle 130A	5
	220542	SD-220542	Nozzle 260A	5
5	220179	SD-220179	Swirl Ring 130A	1
	220436	SD-220436	Swirl Ring 260A	1
6	220649	SD-220649	Electrode 130A	5
	220541	SD-220541	Electrode 260A	5
7	220700	SD-220700	Water Tube	1
8	220162	SD-220162	Disconnect Torch	1
9	220163	SD-220163	Disconnect Recepticle	1

Hypertherm HT4400



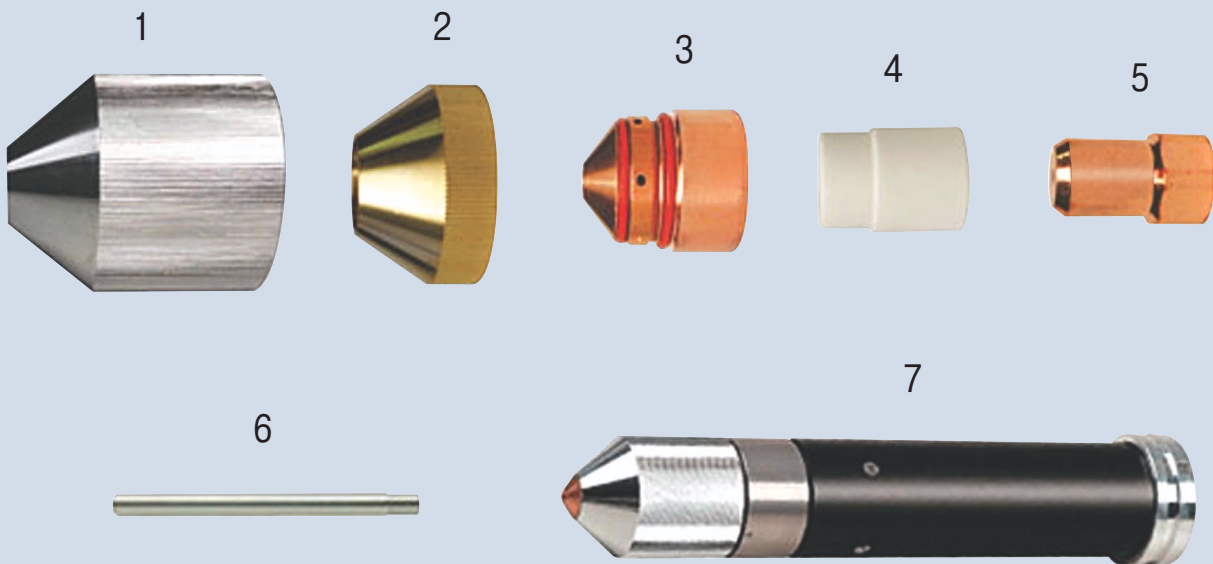
I tem	Ref No.	Part No	Description	Std.Pkg
1	120786	SD-120786	Retaining Cap	1
2	120787	SD-120787	NOZZLE 200A CW	5
	120788	SD-120788	NOZZLE 200A CCW	5
	120794	SD-120794	NOZZLE 300A CW	5
	120795	SD-120795	NOZZLE 300A CCW	5
	120934	SD-120934	NOZZLE 400A CW	5
	120935	SD-0120935	NOZZLE 400A CCW	5
3	120939	SD-120939	Swirl Ring CW 400A	1
	120940	SD-120940	Swirl Ring CCW 400A	1
	120913	SD-120913	Swirl Ring 300A	1
	120791	SD-120791	Swirl Ring 200A	1
4	120793	SD-120793	Electrode 200A	5
	120802	SD-120802	Electrode 300A	5
	120810	SD-120810	Electrode 400A	5
5	120025	SD-120025	Water Pipe	1
6	-	SD-4400	Torch A' ssy	1

KOIKE 410-OPS

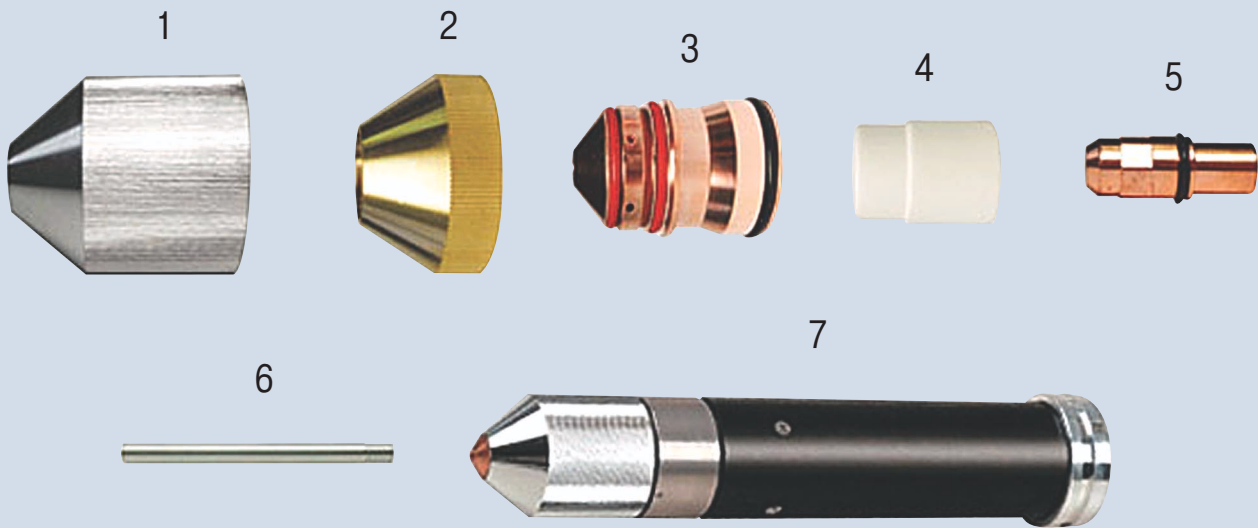


I tem	Ref No.	Part No	Description	Std.Pkg
1	PK031370	SD-031370	GUARD CAP	1
2	PK031326	SD-031326	UD CAP	5
2	PK030076	SD-030076	Tip 0.8	10
	PK030077	SD-030077	Tip 2.0	10
3	PK030078	SD-030078	Tip 2.3	10
	PK030080	SD-030080	Tip 2.5	10
	PK030081	SD-030081	Tip 3.0	10
4	PK031204	SD-031204	Centering Stone R	10
	PK031205	SD-031205	Centering Stone L	10
5	PK031207	SD-031207	Electrode (A-TYPE)	10
6	-	SD-410WP	Water Pipe	1
7	-	SD-401OPS	Torch A'ssy	1

KOIKE 600-OPS

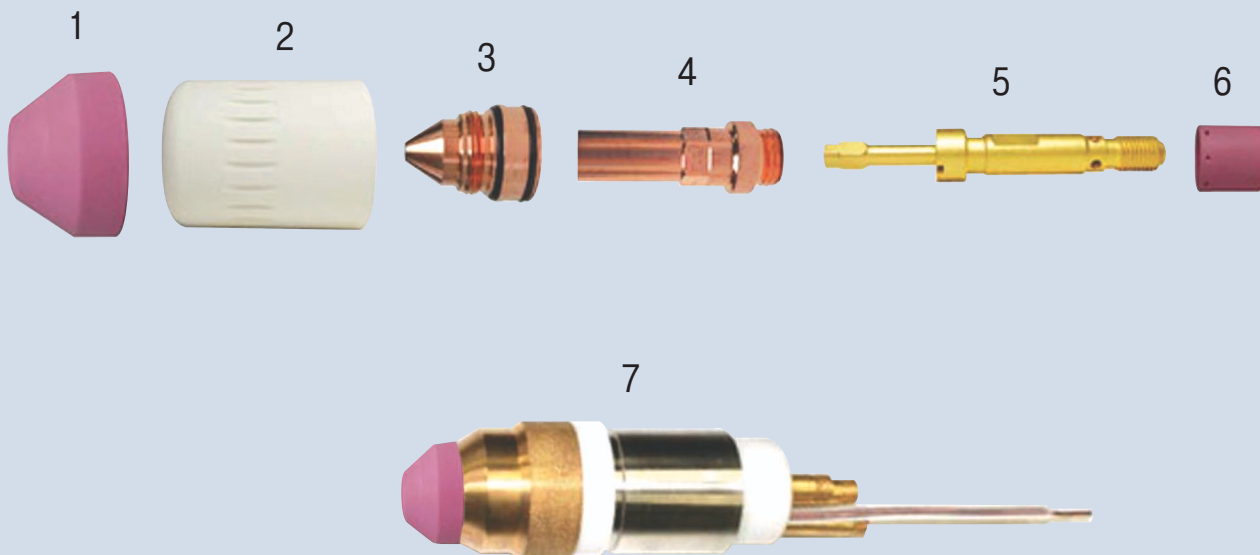


I tem	Ref No.	Part No	Description	Std.Pkg
1	PK031336	SD-031336	GUARD CAP	1
2	PK031332	SD-031332	Insert CAP	1
3	PK030064	SD-030064	Tip 1.8 R	10
	PK030066	SD-030066	Tip 1.8 L	10
	PK030087	SD-030087	Tip 2.1R	10
	PK030088	SD-030088	Tip 2.1 L	10
	PK030067	SD-030067	Tip 2.3 R	10
	PK030068	SD-030068	Tip 2.3L	10
	PK030060	SD-030060	Tip 2.5R	10
	PK030062	SD-030062	Tip 2.5L	10
	PK030061	SD-030061	Tip 3.0R	10
	PK030063	SD-030063	Tip 3.0L	10
4	PK031204	SD-031204	Centering Stone R	1
	PK031205	SD-031205	Centering Stone L	1
5	40008459	SD-408459	Electrode (A-TYPE)	1
6	-	SD-600WP	Water Pipe	1
7	-	SD-600OPS	Torch A'ssy	1

KOIKE 431&434-OPS(PLUS)


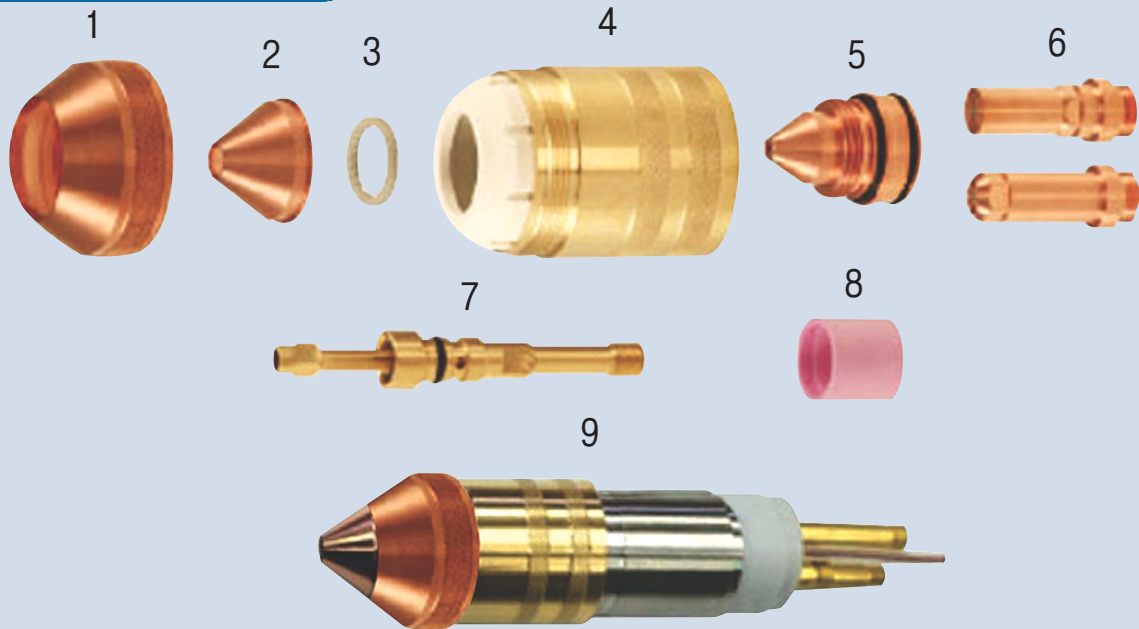
I tem	Ref No.	Part No	Description	Std.Pkg
1	40016365	SD-40016365	GUARD CAP	1
2	40016366	SD-40016366	Insert CAP	1
3	40016359	SD-40016359	Tip 1.7 R	10
	40016362	SD-40016362	Tip 1.7 L	10
	40016360	SD-40016360	Tip 2.3 R	10
	40016363	SD-40016363	Tip 2.3 L	10
	40016361	SD-40016361	Tip 2.9 R	10
	40016364	SD-40016364	Tip 2.9 L	10
4	031204	SD-031204	Centering Stone R	10
	031205	SD-031205	Centering Stone L	10
5	40016358	SD-40016358	Electrode	10
6	-	SD-430WP	Water Pipe	1
7	-	SD-431/434 OPS	Torch A'ssy	1

ESAB 19XL



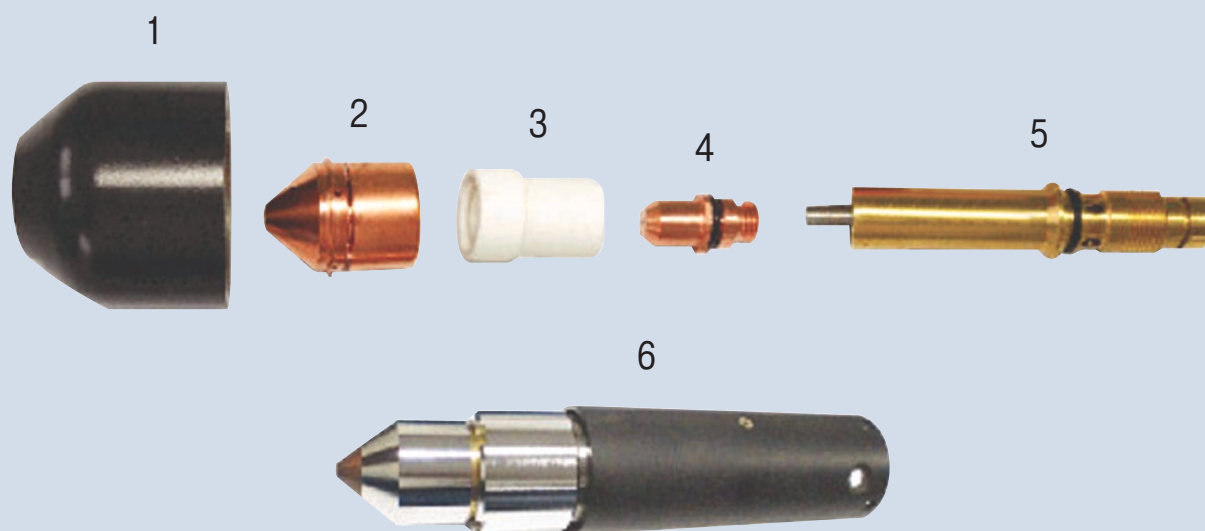
I tem	Ref No.	Part No	Description	Std.Pkg
1	948186	SD-948186	Heat Shield	1
2	34085	SD-34085	Retainer Cup	1
3	21822	SD-21822	NOZZLE 250A	1
	35885	SD-35885	NOZZLE360A	1
4	34086XL	SD-34086XL	Electrode 250A (CU)	1
	35886XL	SD-35886XL	Electrode 360A (CU)	1
5	34084	SD-34084	Electrode Holder	1
6	948142	SD-948142	Swirl Baffle CW	1
	948143	SD-848143	Swirl Baffle CCW	1
7	20391	SD-20391	Torch Body	1

ESAB PT600



I tem	Ref No.	Part No	Description	Std.Pkg
1	37081	SD-37081	Shield Retainer	1
2	21802	SD-21802	Shield 100 - 250A	1
	21945	SD-21945	Shield 360A	1
3	21944	SD-21944	GAS Diffuser 100-360A	1
	22496	SD-22496	GAS Diffuser 100-360A CCW	1
4	37082	SD-37082	NOZZLE Retainer CAP	1
5	0558001883	SD-0558001883	NOZZLE 150A	1
	0558001884	SD-0558001884	NOZZLE 200A	1
	0558001623	SD-0558001623	NOZZLE 250A	1
	0558001885	SD-0558001885	NOZZLE 360A	1
	0558001886	SD-0558001886	NOZZLE 400A	1
6	0558002516	SD-0558002516	Electrode 360A-400A CU	1
7	0558001621	SD-0558001621	Electrode Holder	1
8	0558002533	SD-0558002533	Swirl Ring 4hole CW	1
	0558002534	SD-0558002534	Swirl Ring 4hole CCW	1
	0558001625	SD-0558001625	Swirl Ring 4hole CW	1
9	0558001825	SD-0558001825	Torch Body	1

TANAKA FY-500



I tem	Ref No.	Part No	Description	Std.Pkg
1	026277	SD-026277	Insert CAP	1
2	467345	SD-467345	NOZZLE 300R	5
	467374	SD-467374	NOZZLE 300L	5
	467344	SD-467344	NOZZLE 400R	5
	467373	SD-467373	NOZZLE 400L	5
	467344	SD-467344	NOZZLE 500R	5
	467372	SD-467372	NOZZLE 500L	5
	SUS300	SD-SUS300	NOZZLE 30R	5
	SUS310	SD-SUS310	NOZZLE 30L - SUS	5
	SUS400	SD-SUS400	NOZZLE 40R - SUS	5
	SUS410	SD-SUS410	NOZZLE 40L - SUS	5
	SUS500	SD-SUS500	NOZZLE 50R - SUS	5
	SUS510	SD-SUS510	NOZZLE 50L - SUS	5
3	026316	SD-026316	Swirl Ring R	1
	026320	SD-026320	Swirl Ring L	1
4	467342	SD-46742	Electrode	5
5	026309	SD-026309	Electrode Holder	1
6	FY500	SD-FY500	Torch A' ssy	1

AIR PLASMA 150A(WATER COOL)



SPT - 1513
SPT - 1515
SPT - 1518

NOZZLE



SPAWH-150C



SPELT - 1500

ELECTRODE



SPAWH-150S

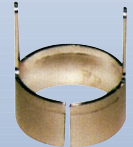


SPAW15-SHCP

PANASONIC 60A (2HOLE / 3HOLE) 80A 120A



※INSULATION:CERAMIC/PI
2TYPE



TOUCH TYPE

1.0φ
1.3φ
1.5φ
1.8φ

STANDARD

1.0φ
1.3φ
1.5φ
1.8φ

ELECTRODE

SHIELD CAP(C)

SHIELD CAP(B)

GUIDE RING

PART NAME	PART-No
TORCH BODY 80A	SPH-8000
" 120A	SPH-1200
" 120AS	SPH-1200S
" 80AS	SPH-8000S
" 60A COM	SPH-6000 COM

PART NAME	PART-No
TIP 1.3φ	SPT-8013
" 1.5φ	SPT-8015, 8215
" 1.8φ (120A)	SPT-8018, 8218
ELECTRODE 80A	SPELT-8100
" 120A	SPELT-8200
SHIELD CAP(C)	SPSSC-8300
" (B)	SPSSB-8300
GUIDE RING	SPGR-0015

PLASMA WELDING 40A



SPW-40C
SPWH-40C



NOZZLE
SPW40-TP10(φ 1.0)
TP13(φ 1.3)
TP15(φ 1.5)



CHUCK
SPW40-CH10(φ 1.0)
CH16(φ 1.6)
CH20(φ 2.0)



SPW40-SHNT



CENTERING
STONE
SPW40-CEN10(φ 1.0)
16(φ 1.6)
20(φ 2.0)



SHIELD CAP
SPW40-SHCP



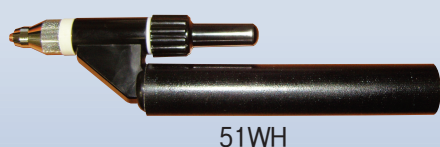
(S)



(L)

BACK CAP
SPW40-BCPS
BCPL

PLASMA WELDING 70A(NITTETSU TYPE)



51WH



50WH

51 WH

MAXIMUM AMPERE : 180A

MAXIMUM EMPLOYMENTRATE(%) : 60%

TIP : 1.6 ϕ , 2.0 ϕ , 2.4 ϕ , 3.2 ϕ



SUS

CERAMIC

TIP

CHUCK

SHIELD NUT
SPW50-SHNT

CENTERING STONE
SPW50-CEN16(ϕ 1.6)
SPW50-CEN20(ϕ 2.0)

SHIELD CAP
SPW50-SHCP

BACK CAP
SPW50-BCP

SPW50-TP 12(ϕ 1.2)
SPW50-TP 14(ϕ 1.4)
SPW50-TP 16(ϕ 1.6)

SPW50-CH16(ϕ 1.6)
SPW50-CH20(ϕ 2.0)

PLASMA WELDING 150A(NITTETSU TYPE)



101WH



100WH

100 WH

MAXIMUM AMPERE : 180A

MAXIMUM EMPLOYMENTRATE(%) : 60%

TIP : 1.6 ϕ , 2.0 ϕ , 2.4 ϕ , 3.2 ϕ



TIP

CHUCK

SHIELD NUT
SPW100-SHNT

CENTERING STONE
SPW100-CEN24(ϕ 2.4)
SPW100-CEN30(ϕ 3.0)
SPW100-CEN32(ϕ 3.2)

SHIELD CAP
SPW100-SHCP

BACK CAP
SPW100-BCP

SPW100-TP20(ϕ 2.0)
SPW100-TP24(ϕ 2.4)
SPW100-TP32(ϕ 3.2)

SPW100-CH24(ϕ 2.4)
SPW100-CH30(ϕ 3.0)
SPW100-CH32(ϕ 3.2)

PLASMA WELDING 500A(NITTETSU TYPE)



504WH



503WH

503WH, 504WH

MAXIMUM AMPERE : 500A

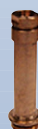
MAXIMUM EMPLOYMENTRATE(%) : 50%

TIP : 2.0 ϕ , 2.5 ϕ , 3.0 ϕ

TIP
SPW500-TP20(ϕ 2.0)
SPW100-TP28(ϕ 2.8)
SPW100-TP32(ϕ 3.2)
SPW100-TP40(ϕ 4.0)

INSULATOR
SPW500-INS

CHUCK
SPW500-CH24(ϕ 2.4)
SPW500-CH32(ϕ 3.2)
SPW500-CH40(ϕ 4.0)
SPW500-CH48(ϕ 4.8)



SHIELD NUT
SPW500-SHNT

CENTERING STONE
SPW500-CEN24(ϕ 2.4)
SPW500-CEN32(ϕ 3.2)
SPW500-CEN40(ϕ 4.0)
SPW500-CEN48(ϕ 4.8)

INSIDE CAP
SPW500-INCP

COLLET BODY
SPW500-CBD



TIP BODY
SPW500-TBD



SHIELD CAP
SPW500-SHCP



BACK CAP
SPW500-BCP

Production item

PLASMA PART

- PANASONIC P80
- OTC M3000, D-8000, D-12000
- DAIDEN 61P
- HYPERTHERM
- ESAB / L-TEC
- MILLER
- THEROMAL DYNAMICS
- KOIKE
- KOMATSU
- PLASMA WELDING 40A, 70A, 150A, 500A
- GAS PLASMA

TIG PART

- WP-9, WP-18, WP-26, WP-25, WP-36
- 500A, TIG TORCH, Ar REGULATOR

CO₂ PART

- NOZZLE
- INSULATOR
- GAS DIFFUSER
- CO₂ TIP
- TORCH BODY
- CO₂ TORCH, ROBOT TORCH, AUTO TORCH
- CO₂ ROLLER
- CO₂ REGULATOR

WELDING ACCESSARY

- PAIL PACK, CONDUIT CABLE
- EARTH CLAMP
- GOUGING TORCH
- GAS MIXER
- 텡스텐 연마기



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FAX: 051)327-9085

<http://www.sunshine2000.co.kr>

- Agency

A large, empty rectangular box with a thin white border, intended for the agency's name and contact details.