



Spare Parts List

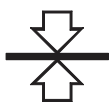
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Spot welding gun
WS 80

Spare Parts

05/09

Pos.	Part-No.	Quantity	Description	Type	
1		1.00	swivel ring	see separate data sheet	
3		1.00	clamping unit	see separate data sheet	
5	217622	1.00	electrode mount	WSM 80	
6	217624	1.00	insolation plate	WSM 80	
7	217625	2.00	insolation bush	WSM 80	
8	217626	2.00	insolation bush	WSM 80	
9	217629	1.00	parallel key	WSM 80	
10	200263	1.00	hex. socket head cap screw	M 10 x 45 DIN 912	
11	200293	2.00	hex. socket head cap screw	M 12 x 65 DIN 912	
12	200231	2.00	hex. socket head cap screw	M 8 x 60 DIN 912	
13	200258	2.00	washer	A 10,5 DIN 125	
14	200755	2.00	washer	A 8,4 DIN 125	
18	217632	1.00	moveable electrode mount	WSM 80	
19	217633	1.00	side part left	WSM 80	
20	217635	1.00	side part right	WSM 80	
21	217637	2.00	flange	WSM 80	
22	200263	1.00	hex. socket head cap screw	M 10 x 45 DIN 912	
23	200285	4.00	hex. socket head cap screw	M 12 x 40 DIN 912	
24	200177	11.00	hex. socket head cap screw	M 6 x 30 DIN 912	
25	200171	1.00	hex. socket head cap screw	M 6 x 20 DIN 912	
26	217644	12.00	insolating ring	WSM 80	
27	200752	12.00	washer	A 6,4 DIN 125	
31	217646	1.00	power input	WSM 80	
32	200222	3.00	hex. socket head cap screw	M 8 x 25 DIN 912	
33	200175	4.00	hex. socket head cap screw	M 6 x 25 DIN 912	
34	201653	1.00	o-ring	6,0 x 2,0	
37	217648	1.00	power input	WSM 80	
38	217649	1.00	power input	WSM 80	
39	200822	3.00	hex. socket head cap screw	M 8 x 25 DIN 912	
40	200175	4.00	hex. socket head cap screw	M 6 x 25 DIN 912	
41	201653	1.00	o-ring	6,0 x 2,0	
44	217650	1.00	power input	WSM 80	
45	217651	4.00	hex. socket head cap screw	M 6 x 30 DIN 912	
46	201653	1.00	o-ring	6,0 x 2,0	
49	217652	1.00	power strap	WSM 80	
50	217651	8.00	hex. socket head cap screw	M 6 x 30 DIN 912	
51	200976	8.00	washer	S 6	
53	217653	2.00	angle	WSM 80	
54	217654	4.00	hex. socket head cap screw	M 5 x 10 DIN 7984	



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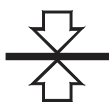
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Spot welding gun
WS 80

Spare Parts

05/09

Pos.	Part-No.	Quantity	Description	Type	
57	217655	1.00	connector	WSM 80	
58	200178	2.00	hex. socket head cap screw	M 6 x 35 DIN 912	
59	200976	2.00	washer	S 6	
62	217656	1.00	connector	WSM 80	
63	200178	2.00	hex. socket head cap screw	M 6 x 35 DIN 912	
64	200976	2.00	washer	S 6	
67	217657	1.00	frontcase	WSM 80	
68	200971	5.00	hex. socket head cap screw	M 6 x 20 DIN 912	
69	200976	5.00	washer	S 6	
76	217658	1.00	support	WSM 80	
77	200224	4.00	hex. socket head cap screw	M 8 x 30 DIN 912	
78	200226	4.00	hex. socket head cap screw	M 8 x 35 DIN 912	
79	200976	8.00	washer	S 8	
82	217659	1.00	transformer support left	WSM 80	
83	217660	1.00	transformer support right	WSM 80	
84	200221	8.00	hex. socket head cap screw	M 8 x 25 DIN 912	
85	200977	8.00	washer	S 8	
88	217664	2.00	water distributor	WSM 80	
89	200224	2.00	hex. socket head cap screw	M 8 x 30 DIN 912	
90	200977	2.00	washer	S 8	
93	217665	1.00	adapter plate for hand grip	WSM 80	
94	200217	4.00	hex. socket head cap screw	M 8 x 15 DIN 912	
95	200977	4.00	washer	S 8	
103	227519	1.00	hand grip	U-WV 008-0101	
104	227536	1.00	hand grip holder	for hand grip 227519	
108	227520	1.00	transformer complete	380 V/ 54 kVA	
112	227521	1.00	control unit complete	E 2985/00-1A	



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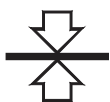
Spare Parts List

Swivel ring
WS 80

Spare Parts

05/09

Pos.	Part-No.	Quantity	Description	Type	
1	217531	1.00	outer ring	WSM 80	
2	217536	1.00	inner ring	WSM 80	
3	217554	1.00	washer	WSM 80	
5	227534	1.00	element	LEZ 0244	
11	200171	11.00	hex. socket head cap screw	M 6 x 20 DIN 912	
12	200976	11.00	washer	A 6	
14	217568	2.00	thread insert	ENSAT	
16	217559	1.00	grease nipple	M 8 x 1 DIN 71412	



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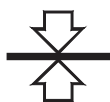
Spare Parts List

Welding clamp
WS 80

Spare Parts

05/09

Pos.	Part-No.	Quantity	Description	Type	
1	217198	1.00	housing complete	WSM 80	
2	203229	1.00	pintail	KU 80 A1020	
3	202745	1.00	bolt	KU 80	
4	209851	1.00	bolt	WR 80	
5	209851	1.00	bolt	WR 80	
6	209747	1.00	strap	WR 80	
7	209748	2.00	strap	WR 80	
8	210313	1.00	supporting roller complete	PFS 200	
9	209749	1.00	connector complete	WR 80	
11	209753	2.00	thrust	WR 80	
12	201593	4.00	bush	Ø 25/28 x 12 gekürzt auf 8	
18	217637	2.00	flange	WSM 80	
19	200285	4.00	hex. socket head cap screw	M 12 x 40 DIN 912	
20	200979	4.00	securing spring washer	S 12	
25	209741	1.00	stop ring	WS 80	
26	217193	1.00	piston rod	WSM 80	
27	216587	1.00	distance plate	WSM 80	
28	209742	1.00	cylinder head	WR 80	
29	209745	1.00	piston	WR 80	
30	209752	1.00	Zylinderrrohr	WR 80	
31	209743	1.00	cylinder pipe	WR 80	
32	216587	1.00	distance plate	WSM 80	
35	209746	1.00	piston	WR 80	
36	209751	1.00	piston guide	WR 80	
37	209750	1.00	washer	WR 80	
40	200221	4.00	hex. socket head cap screw	M 8 x 25 DIN 912	
42	200171	8.00	hex. socket head cap screw	M 6 x 20 DIN 912	
43	200976	8.00	securing spring washer	S 6	
44	211531	2.00	axial-needle ring	AXK 4060	
45	211532	4.00	axial disc	AS 4060	
46	211535	2.00	needle bush	HK 4016	
47	211527	2.00	sealing	P 4025	
48	211522	106.00	needle roller	NRB 2,5 x 11,8 G2	
49	201549	58.00	needle roller	NRB 3 x 15,8 G2	
59	200249	4.00	hex. socket head cap screw	M 8 x 190 DIN 912	
60	200977	8.00	securing spring washer	S 8	
65	219262	1.00	scraper	PU 5 314.511	
66	212588	1.00	rod seal PR	Ø 30/Ø 39,0 x 3,0	
67	201849	2.00	o-ring	70,0 x 7,0	
68	220217	1.00	driving band	15 x 2,5 x 102	
70	201734	1.00	o-ring	30,0 x 2,5	
71	201881	2.00	o-ring	88,0 x 2,5	
73	201674	1.00	o-ring	14,0 x 3,0	
74	227541	2.00	o-ring	9,0 x 2,5	



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