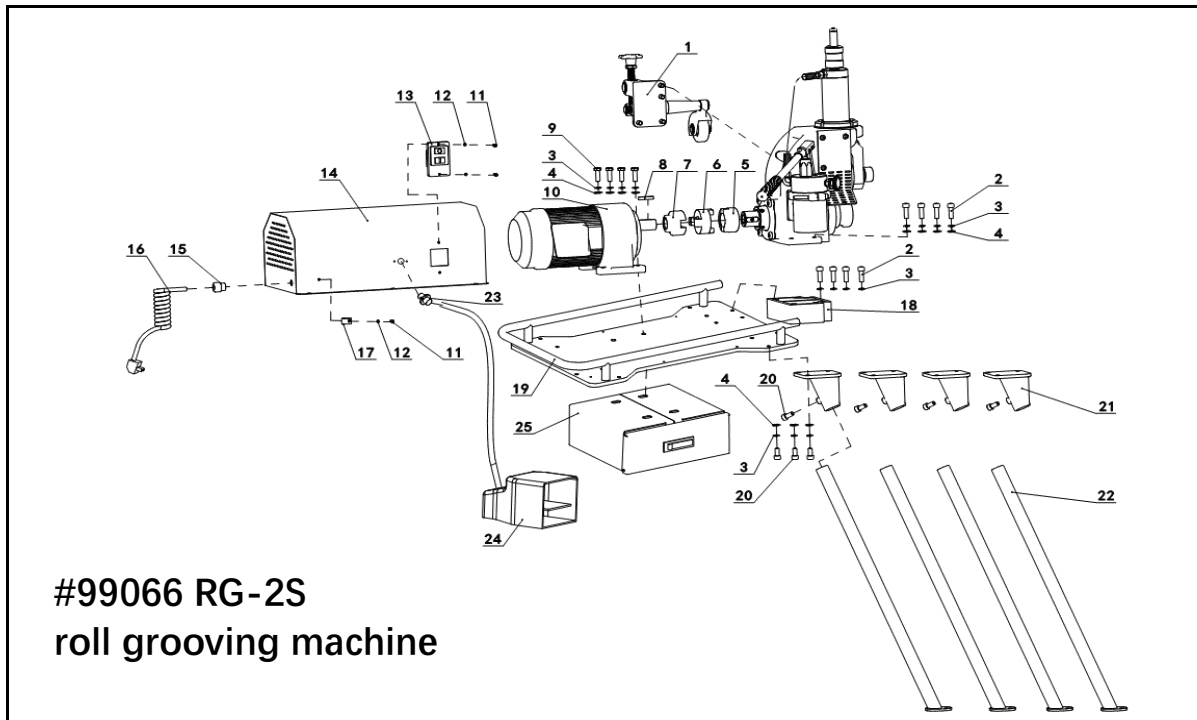


RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Standard Machine Set



No.	Item Code	Specification	No./ Unit	Type	Note
1	98011	pipe stabilizer	1	** asselbly	
2	15007	hex screw	8	* std. parts	
3	15078	spring washer	24	* std. parts	
4	15075	flat washer	20	* std. parts	
5	11056	output coupling	1	** machined	
6	11057	transmission coupling	1	** machined	
7	11058	input coupling	1	** machined	
8	15081	flat key	1	* std. parts	
9	15082	hex screw	4	* std. parts	
10	98003	three phase motor	1	** motor	alternative
10	98012	single phase motor	1	** motor	alternative
11	15083	philip head screw	3	* std. parts	
12	15084	hex nut	3	* std. parts	
13	15085	power switch	1	** electric	
14	14006	motor cover	1	** machined	
15	15086	cable plug	1	** electric	
16	15087	power cable	1	** electric	
17	15090	cable clip	1	** electric	
18	10005	main housing seat	1	* casting	
19	21056	base plate w/ guardrail	1	** machined	
20	15007	hex screw	16	* std. parts	
21	10006	foot socket	4	* casting	
22	11059	support foot	4	** machined	
23	15125	switch socket	1	** electric	
24	98026	foot switch	1	** electric	
25	14046	Tool box	1	** machined	
/	98082	pipe stand 1"~12"	1	** asselbly	

Spare part recommendation:

RG-2S Electric & Hydraulic Roll Grooving Machine

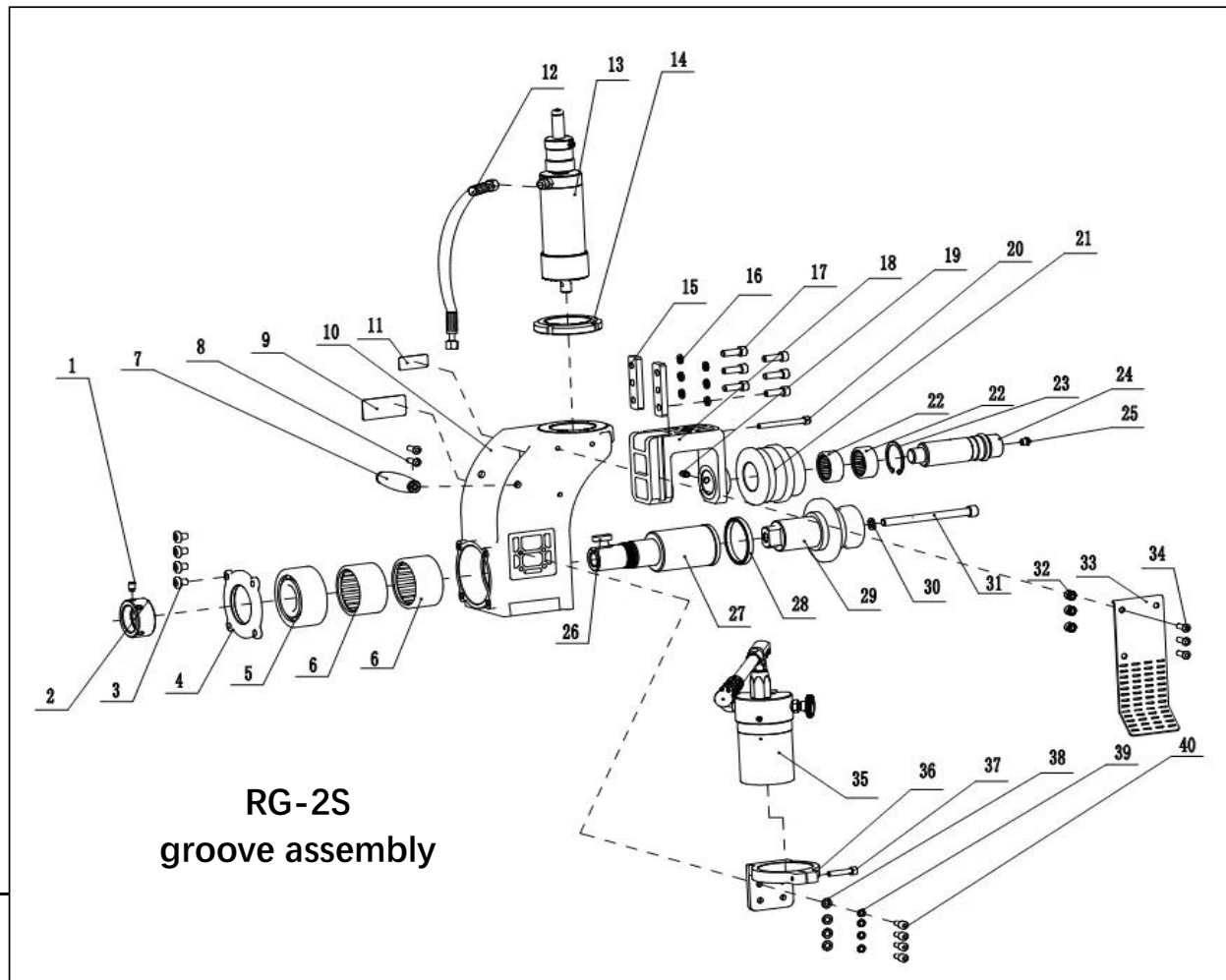
Explosive view & part list

Type *	No need for inventory, can be found at local market or covered in warranty;
Type **	Small local inventory recommended for missing/ physical damage;
Type ***	Local inventory recommended for replacing;

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Groove Assembly



No.	Item Code	Specification	No./ Unit	Type	Note
1	15037	set screw	1	* std. parts	
2	11039	shaft lock nut	1	** machined	
3	15045	hex screw	4	* std. parts	
4	18005	back cover	1	** machined	
5	15040	bearing	1	*** bearing	
6	15038	bearing	2	*** bearing	
7	11023	handle	1	** machined	
8	15044	hex screw	2	* std. parts	
9	17003	nameplate	1	* nameplate	
10	10007	main housing	1	* casting	
11	17007	nameplate	2	* nameplate	
12	16021	hydraulic tube	1	*** sealing	
13	98165	cylinder	1	** asselbly	
14	15055	round nut	1	* std. parts	
15	13003	slide block rail	2	** machined	
16	15078	spring washer	6	* std. parts	
17	15034	hex screw	6	* std. parts	
18	18003	slide block	1	** machined	
19	15051	set screw	1	* std. parts	
20	15077	hex screw	1	* std. parts	
21	12038	^groove roller 8"~12'	1	*** roller	
21	12040	^groove roller 3½"~6"	1	*** roller	

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

21	12039	^groove roller 2"~3"	1	*** roller	
21	12066	^groove roller 1"~1½"	1	*** roller	optional
21	12008	^SCH10 gr.rol.8"~12"	1	*** roller	optional
21	12009	^SCH10 gr.rol.3½"~6"	1	*** roller	optional
21	12010	^SCH10 gr.rol.2"~3"	1	*** roller	optional
22	15039	bearing	6	*** bearing	
23	15059	elastic collar	3	* std. parts	
24	11019	groove roller axle	1	** machined	
25	15027	grease nuzzle	2	* std. parts	
26	15053	flat key	1	* std. parts	
27	11024	main drive shaft	1	** machined	
28	15054	package seal	1	*** sealing	
29	11020	drive roller 8"~12"	1	*** roller	
29	11021	drive roller 3½"~6"	1	*** roller	
29	11022	drive roller 2"~3"	1	*** roller	
29	11172	drive roller 1"~1½"	1	** machined	optional
29	11169	SCH10 dr.rol. 8"~12"	1	*** roller	optional
29	11168	SCH10 dr.rol. 3½"~6"	1	*** roller	optional
29	11167	SCH10 dr.rol. 2"~3"	1	*** roller	optional
30	15079	spring washer	1	* std. parts	
31	15036	hex screw	1	* std. parts	
32	15072	copper sleeve	3	* std. parts	
33	14004	baffle plate	1	** machined	
34	15005	hex screw	3	* std. parts	
35	98001	hand pump	1	** asselbly	
36	13004	pump seat	1	** machined	
37	15043	hex screw	1	* std. parts	
38	15073	flat washer	4	* std. parts	
39	15074	spring washer	4	* std. parts	
40	15005	hex screw	4	* std. parts	

Remark ^: Groove roller only works with #15039 roller bearing, each roller requires 2 bearings.

Spare part recommendation:

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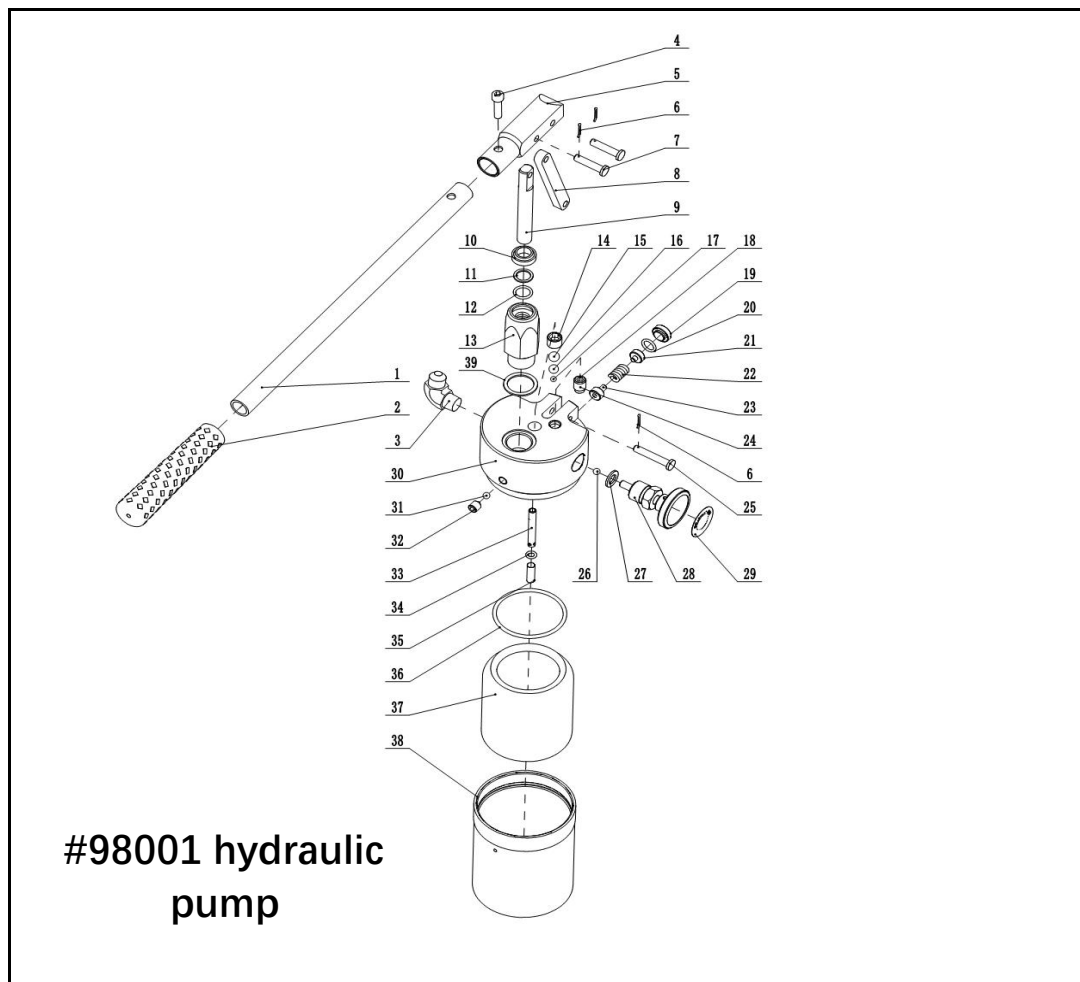
Type ** Small local inventory recommended for missing/ physical damage;

Type *** Local inventory recommended for replacing;

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Hydraulic Pump



No.	Item Code	Specification	No./ Unit	Type	Note
1	19015	pump lever	1	** machined	
2	15062	plastic sleeve	1	* std. parts	
3	15031	grease nozzle	1	* std. parts	
4	15042	hex screw	1	* std. parts	
5	18004	lever seat	1	** machined	
6	15060	split pin	3	* std. parts	
7	15057	hinge pin	2	* std. parts	
8	13005	link block	1	** machined	
9-13/39	98019	hex cylinder	1	** asselbly	
9	19004	piston rod	1	** machined	not recommend to order separately order #98019 instead
10	16012	dust collar	1	*** sealing	
11	19022	cylinder seal	1	*** sealing	
12	16001	O-ring	1	*** sealing	
13	19001	Hex cylinder liner	1	** asselbly	
39	15063	copper washer	1	* std. parts	
14	15066	plug	1	* std. parts	
15	16015	steel ball	1	*** sealing	
16	16016	steel ball	1	*** sealing	
17	16019	steel ball	1	*** sealing	

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Explosive view & part list

18	15065	plug	1	* std. parts	
19	19005	release valve plug	1	** machined	
20	16002	O-ring	1	*** sealing	
21	19006	adjust screw	1	** machined	
22	19016	adjust spring	1	** spring	
23	19051	cone valve	1	** machined	
24	15065	plug	1	* std. parts	
25	15058	pin	1	* std. parts	
26	16018	steel ball	1	*** sealing	
27	15064	brass washer	1	* std. parts	
28	98006	release valve	1	** asselbly	
29	17001	nameplate	1	* nameplate	
30	19009	pump head assembly	1	** machined	
31	16018	steel ball	1	*** sealing	
32	15049	set screw	1	* std. parts	
33	19008	oil suction tubing	1	*** sealing	
34	16004	O-ring	1	*** sealing	
35	15067	copper filter	1	* std. parts	
36	16003	o-ring	1	*** sealing	
37	16013	oil bag	1	*** sealing	
38	19007	oil cylinder	1	** machined	

Spare part recommendation:

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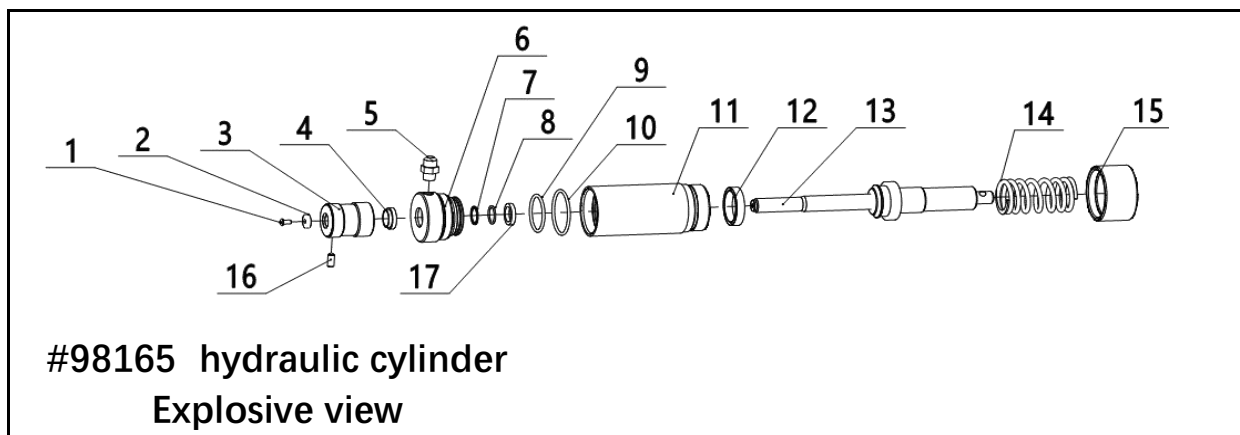
Type ** Small local inventory recommended for missing/ physical damage;

Type *** Local inventory recommended for replacing;

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Hydraulic Cylinder



No.	Item Code	Specification	No./ Unit	Type	Note
1	15080	hex screw	1	* std. parts	
2	19021	spacing collar	1	** machined	
3	19090	stop knob	1	** machined	
4	16011	dust collar	1	*** sealing	
5	15032	grease nuzzle	1	* std. parts	
6	19014	cylinder cover	1	** machined	
7	16022	gasket	1	*** sealing	
8	16007	o-ring	1	*** sealing	
9	16023	o-ring	1	*** sealing	
10	16024	o-ring	1	*** sealing	
11	19011	cylinder	1	** machined	
12	16009	gasket	1	*** sealing	
13	19089	piston	1	** machined	
14	19017	spring	1	** spring	
15	19023	cylinder base	1	** machined	
16	15061	bead screw	1	* std. parts	
17	16010	gasket	1	*** sealing	

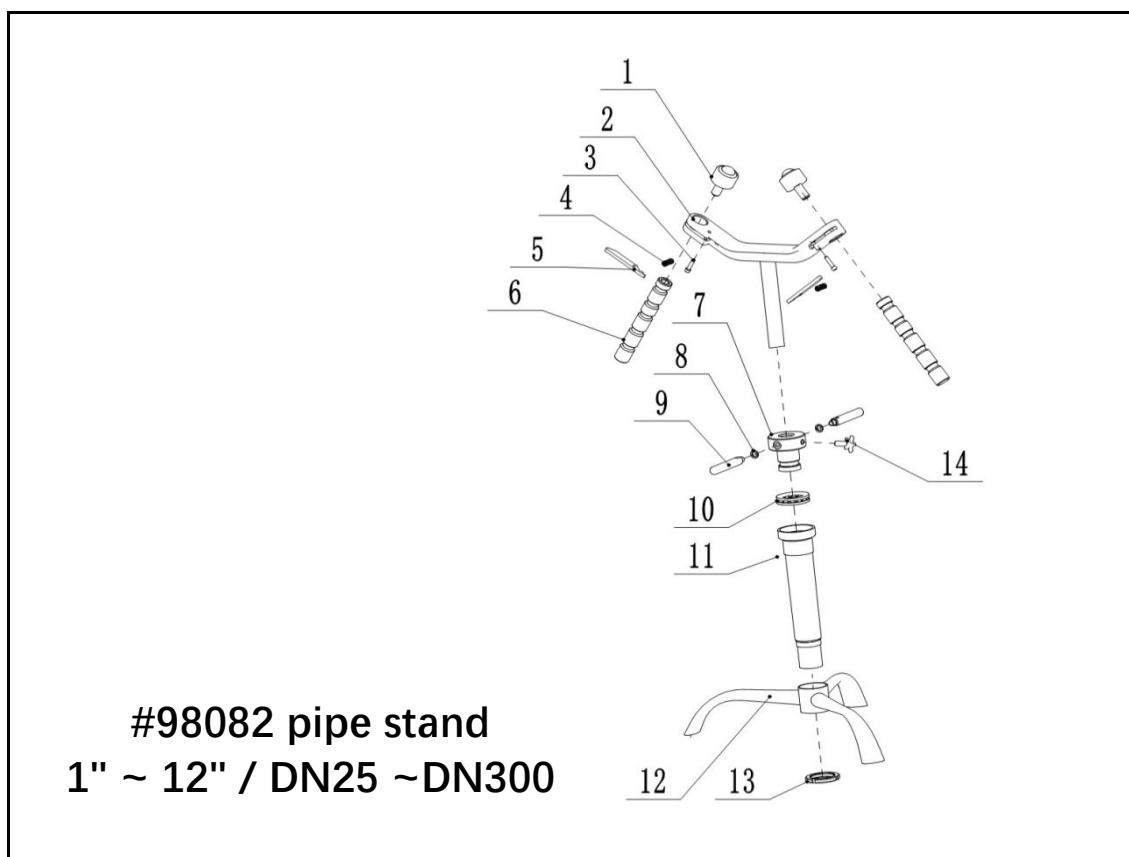
Spare part recommendation:

Type * No need for inventory, can be found at local market or covered in warranty;
Type ** Small local inventory recommended for missing/ physical damage;
Type *** Local inventory recommended for replacing;

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Stand



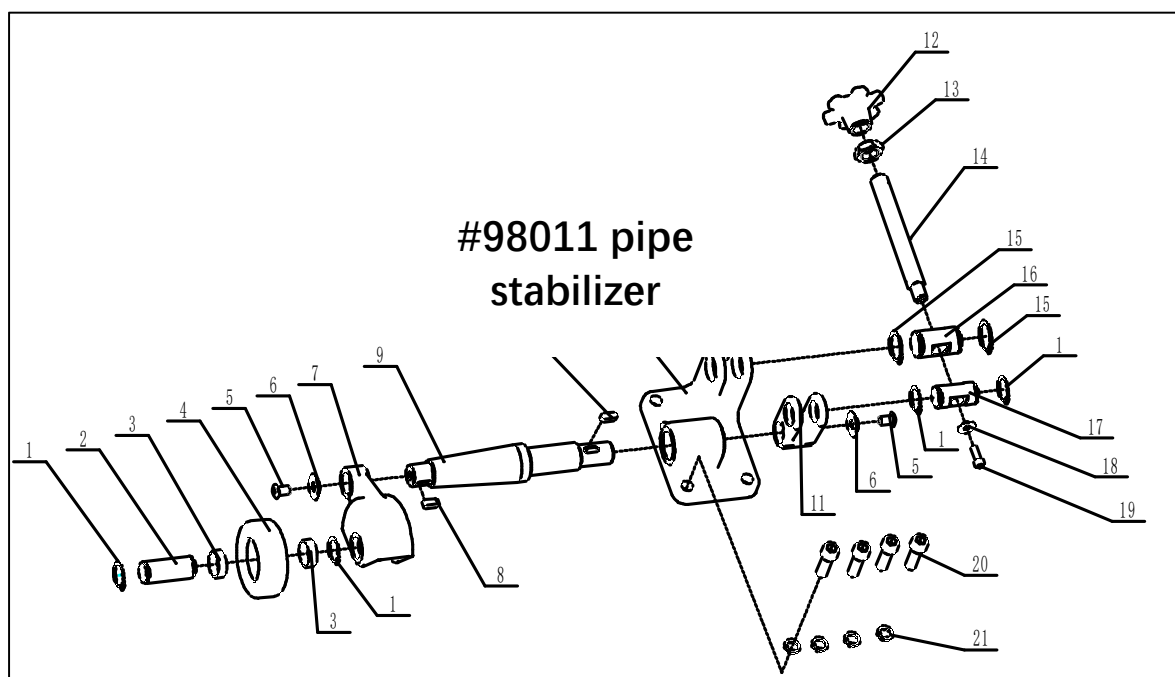
No.	Item Code	Specification	No./ Unit	Type	Note
1	15153	ball seat	2	* std. parts	
2	18010	v-bracket	1	** machined	
3	15042	hex screw	2	* std. parts	
4	15154	spring	2	** spring	
5	13028	locating block	2	** machined	
6	11123	ball joint axle	2	** machined	
7	11048	adjusting socket	1	** machined	
8	15078	spring washer	2	* std. parts	
9	11077	handle	2	** machined	
10	15155	ball bearing	1	*** bearing	
11	21025	axle sleeve	1	** machined	
12	15156	five feet stand	1	** machined	
13	15107	round nut	1	* std. parts	
14	15157	set wheel	1	* std. parts	
recommendation:					

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Type *** Local inventory recommended for replacing;

RG-2S Electric & Hydraulic Roll Grooving Machine

Explosive view & part list

Pipe Stabilizer



No.	Item Code	Specification	No./ Unit	Type	Note
1	15096	elastic collar	4	* std. parts	
2	11061	roller axle	1	** machined	
3	12015	axle sleeve	2	** machined	
4	15097	nylon roller	1	* std. parts	
5	15009	hex screw	2	* std. parts	
6	15098	washer	2	* std. parts	
7	10010	roller housing	1	* casting	
8	15099	flat key	2	* std. parts	
9	11062	main shaft	1	** machined	
10	10011	roller seat	1	* casting	
11	10012	rotation arm	1	* casting	
12	15100	hand wheel	1	* std. parts	
13	15101	hex nut	1	* std. parts	
14	11063	thread rod	1	** machined	
15	15102	elastic collar	2	* std. parts	
16	11064	feed axle	1	** machined	
17	11065	rotation axle	1	** machined	
18	15103	washer	1	* std. parts	
19	15104	hex screw	1	* std. parts	
20	15076	hex screw	4	* std. parts	
21	15078	spring washer	4	* std. parts	

Spare part recommendation:

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Type *** Local inventory recommended for replacing;