



Component Wear Percentages

3" Extension Die Grinder – 0.5hp.

Models: 53510, 53511, 53512, 53513

Notes: This service chart is published as a guide to expectant life of components. The replacement levels are based on average tool usage over one year. Dynabrade, Inc. considers one year usage to be 1,000 hours. **T = Items included in tune-up kit.**

Item No.	Part No.	Description	No. Req.	High	Medium	Low	Non-Wear
1	51098	Retaining Nut	1				X
2	51107	Cap	1				X
3	01485	1/4" Collet Insert	1			X	
	01497	6 mm Collet Insert	1			X	
4	51105	Collet Body	1				X
5	51124	1/4" Collet Assembly	1				X
	51125	6 mm Collet Assembly	1				X
6	51078	Bearing	3		T		
7	53558	Spindle Housing	1				X
8	53556	Spindle	1				X
9	51075	Wavy Washer	2			T	
10	53551	Coupling Nut	1				X
11	53550	Adapter	1				X
12	51072	Coupler	1				X
13	53175	Collar	1			X	
14	95711	Retaining Ring	2		T		
15	51066	Rotor Nut	1				X
16	01007	Bearing	1		T		
17	01121	Shim Pack (3/pkg)	1		T		
18	01010	Spacer	1			T	
19	01008	Front Bearing Plate	1			X	
20	50767	Pin	2			X	
21	01011	Vane Set (4/pkg)	1	T			
22	01148	Rotor	1			X	
23	01013	Cylinder	1			X	
24	01245	Rear Bearing Plate	1			X	
25	01015	Bearing	1		T		
26	01477	Valve Stem	1			T	
27	95558	Retaining Ring	1			T	
28	57344	Throttle Lever Assembly	1			X	
	01089	Safety-Lock Throttle Lever (optional)	1			X	
29	53495	Housing - 53510	1				X

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	53496	Housing - 53511	1				X
	53497	Housing - 53512	1				X
	53498	Housing - 53513	1				X
30	01017	Pin	1		T		
31	95730	O-Ring	1			T	
32	01247	Regulator Assembly (Includes O-Rings)	1			T	
33	01024	O-Ring	1			T	
34	01464	Seal	1			T	
35	01472	Tip Valve	1			T	
36	01468	Spring	1			T	
37	01642	Air Control Ring - 18,000 RPM	1				X
	01606	Air Control Ring - 20,000 RPM	1				X
38	95438	O-Ring	1			T	
39	94521	Muffler Base	1				X
40	94528	Muffler	1		T		
41	94522	Muffler Cap	1				X
42	95375	O-Ring	1			X	
43	94526	Spacer	1				X
44	94523	Inlet Adapter	1				X
45	94519	Muffler Assembly	1				X

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