



Component Wear Percentages

Right Angle Die Grinders – 0.4 hp.

Models: 46000, 46001, 46002, 47800, 47801, 47802, 48315, 48316, 48317, 49425

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.

Item No.	Part No.	Description	No. Req.	High	Medium	Low	Non-Wear
1	01484	Collet Cap	1			X	
2	Collet Insert		1				
	01485	¼"				X	
	01497	6 mm				X	
3	02035	Lock Nut	1				X
4	02032	Collet Body Spindle	1				X
5	01486	Felt Silencer					
		47800, 47801, 47802	1		T		
		48315, 48316, 48317, 49425	5		T		
6	54520	Bearing					
		All Models Except - 49425	1		X		
		49425	2		X		
7	97116	Shim - .001" (0.03 mm)	A/R		T		
8	97117	Shim - .002" (0.05 mm)	A/R		T		
9	97118	Shim - .003" (.0.08 mm)	A/R		T		
10	Gear		1				
	02623	12,000 RPM				X	
	02597	15,000 RPM				X	
	02599	3,200 & 20,000 RPM				X	
11	Bottom Wick		1				
	02042	12,000 RPM			T		
	02044	3,200, 15K, 20K RPM			T		
12	Top Wick		1				
	02043	12,000 RPM			T		
	02045	3,200, 15K, 20K RPM			T		
13	02033	Needle Bearing	1			X	
14	02041	Gear Oil Plate	1			X	
15	01041	Lube Fitting					
		All Models Except - 49425	1			X	
		49425	2			X	
16	Right Ang.	Housing	1				
	02052	Front Exhaust					X

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	02031	Rear Exhaust					X
17	01728	Felt Silencer (Front Exhaust)	1		T		
18	Pinion		1				
	02624	12,000 RPM				X	
	02598	15,000 RPM				X	
	02600	3,200 & 20,000 RPM				X	
19	50019	Lock Nut (49425)	1				X
20	02649	Bearing					
		All Models Except - 49425	1		T		
		Model 49425	2		X		
21	50022	Spacer - 49425	1				X
22	50023	Planetary Carrier - 49425	1				X
23	06213	Gear - 49425	2			X	
24	54472	Pin - 49425	2			X	
25	54468	Ring Gear - 49425	1			X	
26	50024	Gear Case - 49425	1				X
27	50784	Setscrew - 49425	1				X
28	54543	Shim - .001" (0.03 mm)	A/R		T		
29	54544	Shim - .002" (0.05 mm)	A/R		T		
30	54551	Shim - .003" (.08 mm)	A/R		T		
31	01478	Front Bearing Plate	1			X	
32	50767	Pin (2)	2			X	
33	01479	Spacer	1			X	
34	01480	Vane Set (4/Pkg.)	1		T		
35	Rotor						
	45291	3,200 RPM	1			X	
	45293	12,000, 15,000, 20,000 RPM	1				X
36	01476	Cylinder	1			X	
37	02676	Rear Bearing Plate	1			X	
38	02696	Bearing	1		T		
39	96077	O-Ring	1			T	
40	Governor Assembly						
	45269	3,200 RPM (blue)	1			X	
	45272	12K, 15K, 20K RPM (green)	1			X	
41	45320	Governor Chamber	1			X	
42	Housing Core						
	45305	3,200 RPM	1				X
	45307	12,000, 15,000, 20,000 RPM	1				X
43	01547	Collar	1			X	
44	45315	Throttle Bushing	1			T	
45	97045	Pin	1			T	
46	45263	Safety-Lock Throttle Lever	1			X	
47	97060	Pin	1			T	

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48	Exterior Housing						
	45211	Model – 46000	1			X	
	45212	Model – 46001	1			X	
	45213	Model – 46002	1			X	
	45214	Model – 47800	1			X	
	45215	Model – 47801	1			X	
	45216	Model – 47802	1			X	
	45224	Model – 48315	1			X	
	45225	Model – 48316	1			X	
	45226	Model – 48317	1			X	
	45230	Model – 49425	1			X	
49	45310	Tip Valve Seal	1			T	
50	58365	Tip Valve	1			T	
51	01468	Spring	1			T	
52	01564	Air Control Ring	1				X
53	53190	Block Plate	1				X
54	96065	O-Ring	1			T	
55	01494	Inlet Adapter Assembly	1				X
56	95711	Retaining Ring	1			T	
57	01446	Air Deflector	1			X	
58	95620	Retaining Ring	1			T	
59	01578	Inlet Adapter Assembly	1				X
60	95438	O-Ring	1			T	
61	94521	Muffler Base	1			X	
62	94524	Sintered Bronze Muffler	1			T	
63	94525	Felt Muffler	1		T		
64	94522	Muffler Cap	1			X	
65	95375	O-Ring	1			T	
66	94526	Spacer	1				X
67	94523	Inlet Adapter Assembly	1				X
68	94535	Standard Muffler Assembly	1			X	
69	94520	Extended Muffler Assembly	1			X	
--	95262	14 mm Open-End Wrench	1			X	

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