



NORTHERN
INDUSTRIAL
TOOLS

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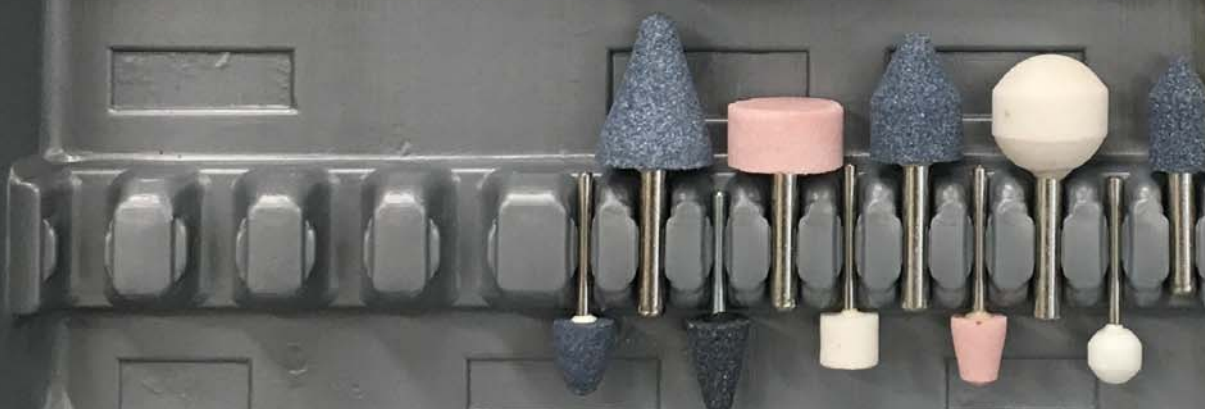
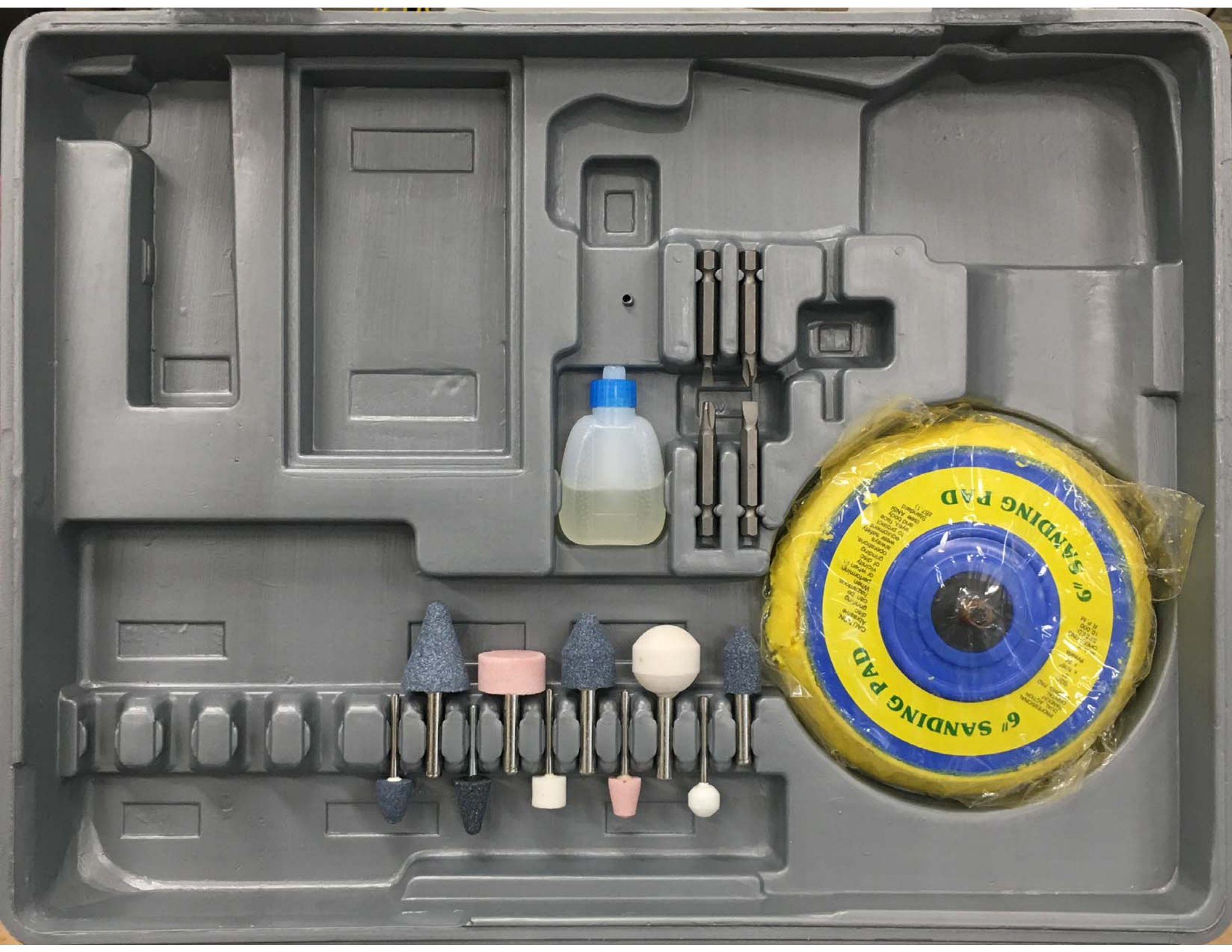
NORTHERN
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OIL DAILY

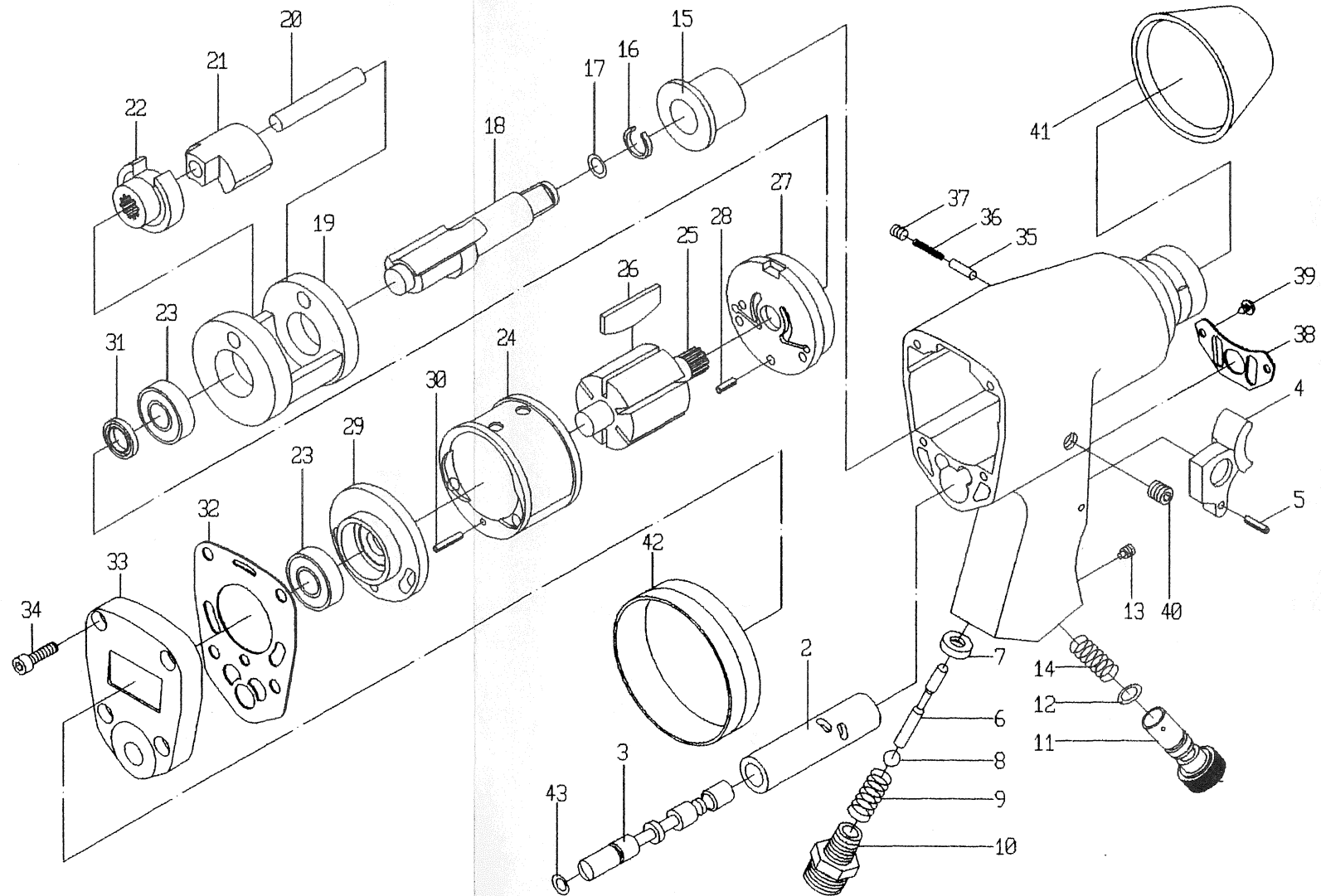
MADE IN TAIWAN

NORTHERN
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OIL DAILY



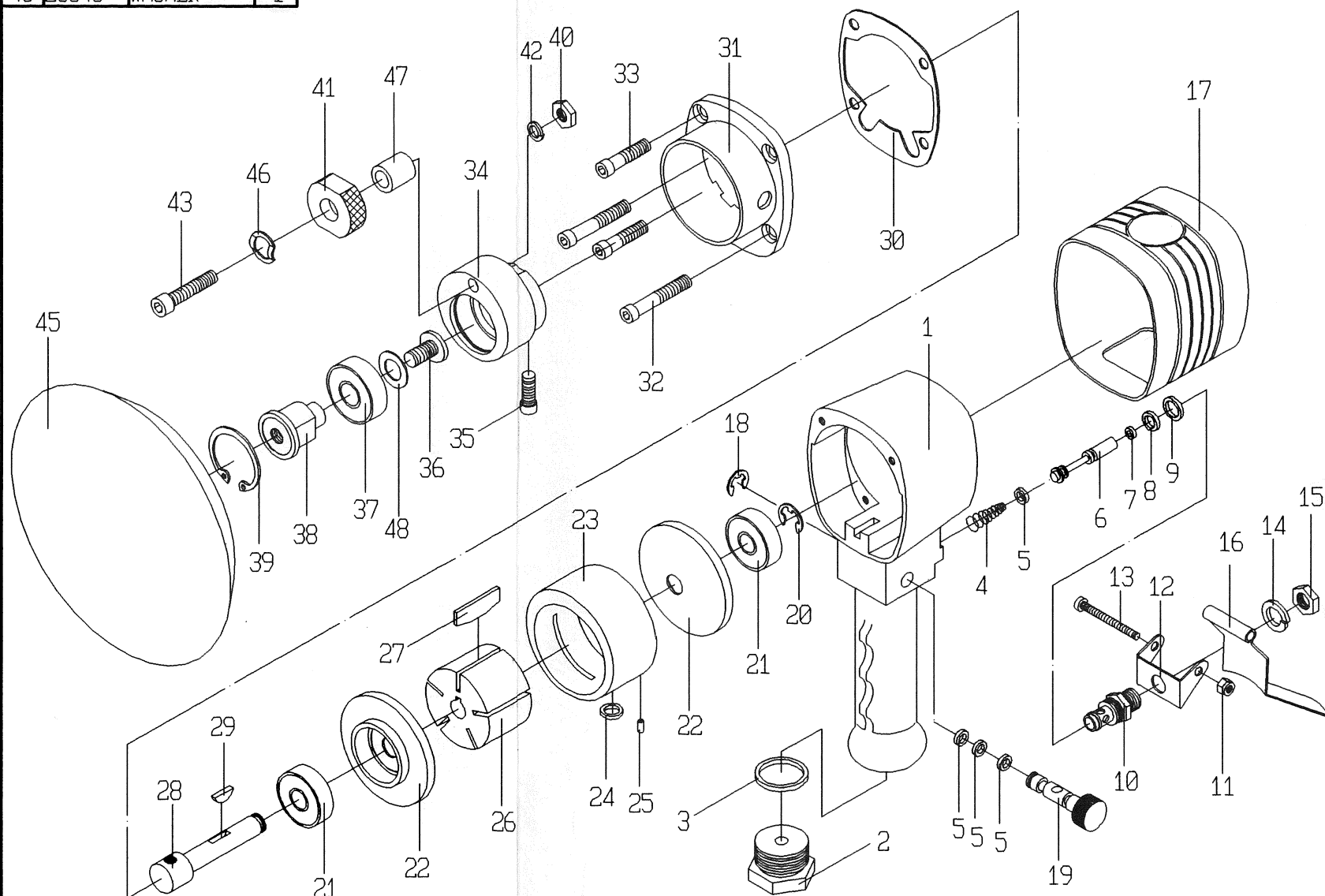
HY-160 1/2" AIR IMPACT WRENCH



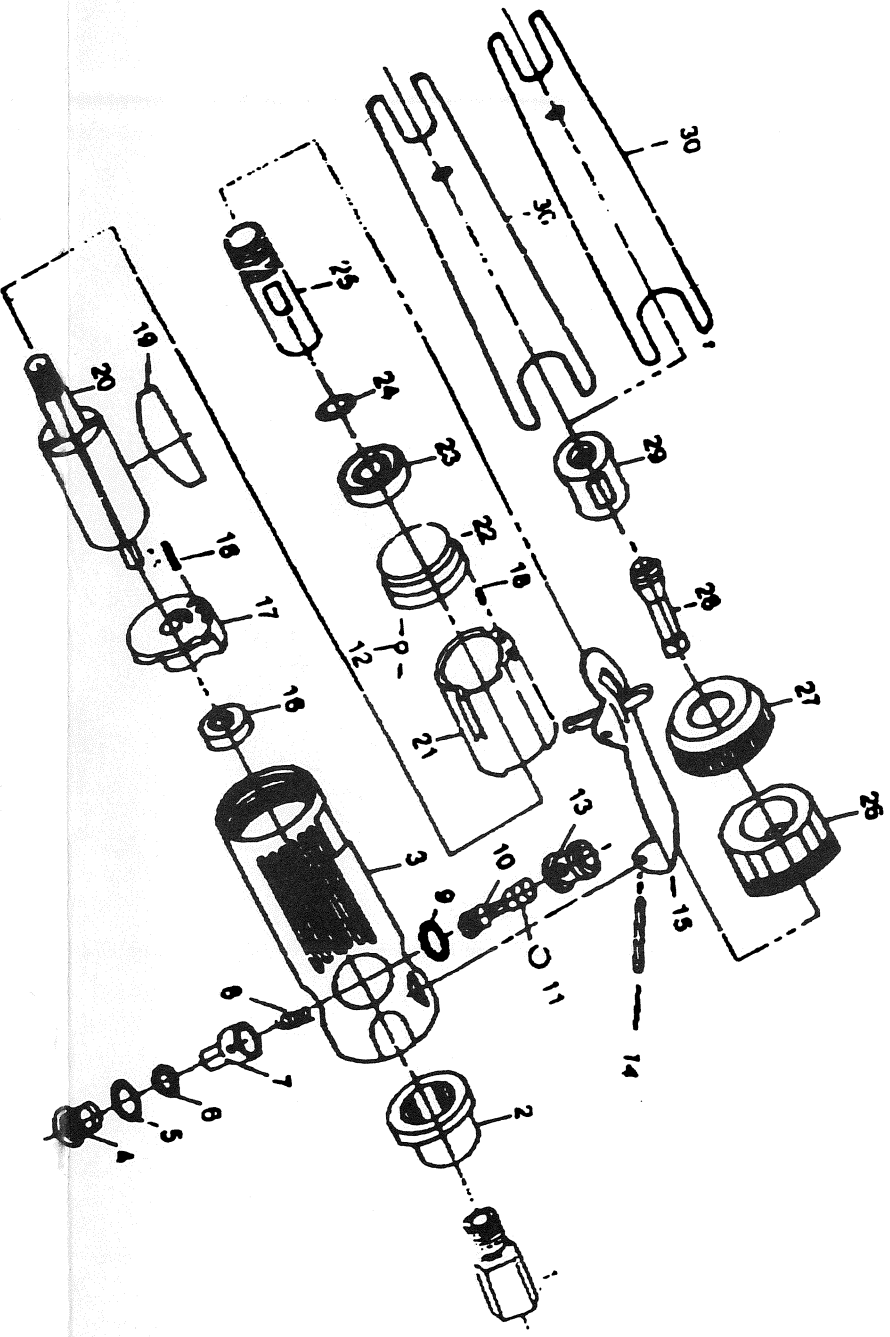
NO	PART NO	DESCRIPTION	Q'TY
1	16001	HOUSING	1
2	16002	VALVE SLEEVE	1
3	16003	REVERSE VALVE	1
4	16004	TRIGGER	1
5	16005	PIN	1
6	16006	VALVE STEM	1
7	16007	BUSHING	1
8	16008	STEEL BALL	1
9	16009	SPRING	1
10	16010	AIR INLET	1
11	16011	AIR REGULATOR	1
12	16012	O-RING	1
13	16013	SCREW	1
14	16014	SPRING	1
15	16015	BUSHING	1
16	16016	ANVIL COLLET	1
17	16017	O-RING	1
18	16018	ANVIL	1
19	16019	HAMMER CAGE	1
20	16020	PIN	1
21	16021	HAMMER DOG	1
22	16022	DRIVE CAM	1
23	16023	BEARING	2
24	16024	CYLINDER	1
25	16025	ROTOR	1
26	16026	ROTOR BLADE	6
27	16027	FRONT PLATE	1
28	16028	PIN	1
29	16029	END PLATE	1
30	16030	PIN	1
31	16031	OIL SEAL	1
32	16032	REAR GASKEY	1
33	16033	REAR COVER	1
34	16035	SCREW	4
35	16036	PIN	1
36	16037	SPRING	1
37	16038	SCREW	1
38	16039	MUFFLE COVER	1
40	16040	SCREW	2
40	16041	SCREW	1
41	16047	PROTECTING RUBBER	1
42	16048	RUBBER	1
43	16059	O-RING	1

NO	PART NO	DESCRIPTION	Q'TY	NO	PART NO	DESCRIPTION	Q'TY
1	28001	HOUSING	1	45	28045	PAD	1
2	28002	AIR INLET	1	46	28046	WASHER	1
3	28003	O-RING	1	47	28047	BUSHING	1
4	28004	SPRING	1	48	28048	WASHER	1
5	28005	O-RING	4				
6	28006	VALVE STEM	1				
7	28007	O-RING	1				
8	28008	O-RING	1				
9	28009	O-RING	1				
10	28010	VALVE BODY	1				
11	28011	SCREW	1				
12	28012	BRACKET	1				
13	28013	TRIGGER SCREW	1				
14	28014	SCREW	1				
15	28015	CAP	1				
16	28016	TRIGGER	1				
17	28017	RUBBER	1				
18	28018	RETAINER RING	1				
19	28019	AIR REGULATOR	1				
20	28020	RETAINER RING	1				
21	28021	BEARING	2				
22	28022	END PLATE	2				
23	28023	CYLINDER	1				
24	28024	O-RING	1				
25	28025	PIN	1				
26	28026	ROTOR	1				
27	28027	ROTOR BLADE	5				
28	28028	WORK SPINDLE	1				
29	28029	WOODRUFF KEY	1				
30	28030	REAR GASKEY	1				
31	28031	REAR COVER	1				
32	28032	SCREW	2				
33	28033	SCREW	2				
34	28034	BALANCER	1				
35	28035	SCREW	1				
36	28036	SCREW	1				
37	28037	BEARING	1				
38	28038	DRIVE SPINDLE	1				
39	28039	RETAINER RING	1				
40	28040	CAP	1				
41	28041	SPINDLE LOCK	1				
42	28042	WASHER	1				
43	28043	SCREW	1				

HY-280 6" AIR D.A.SANDER



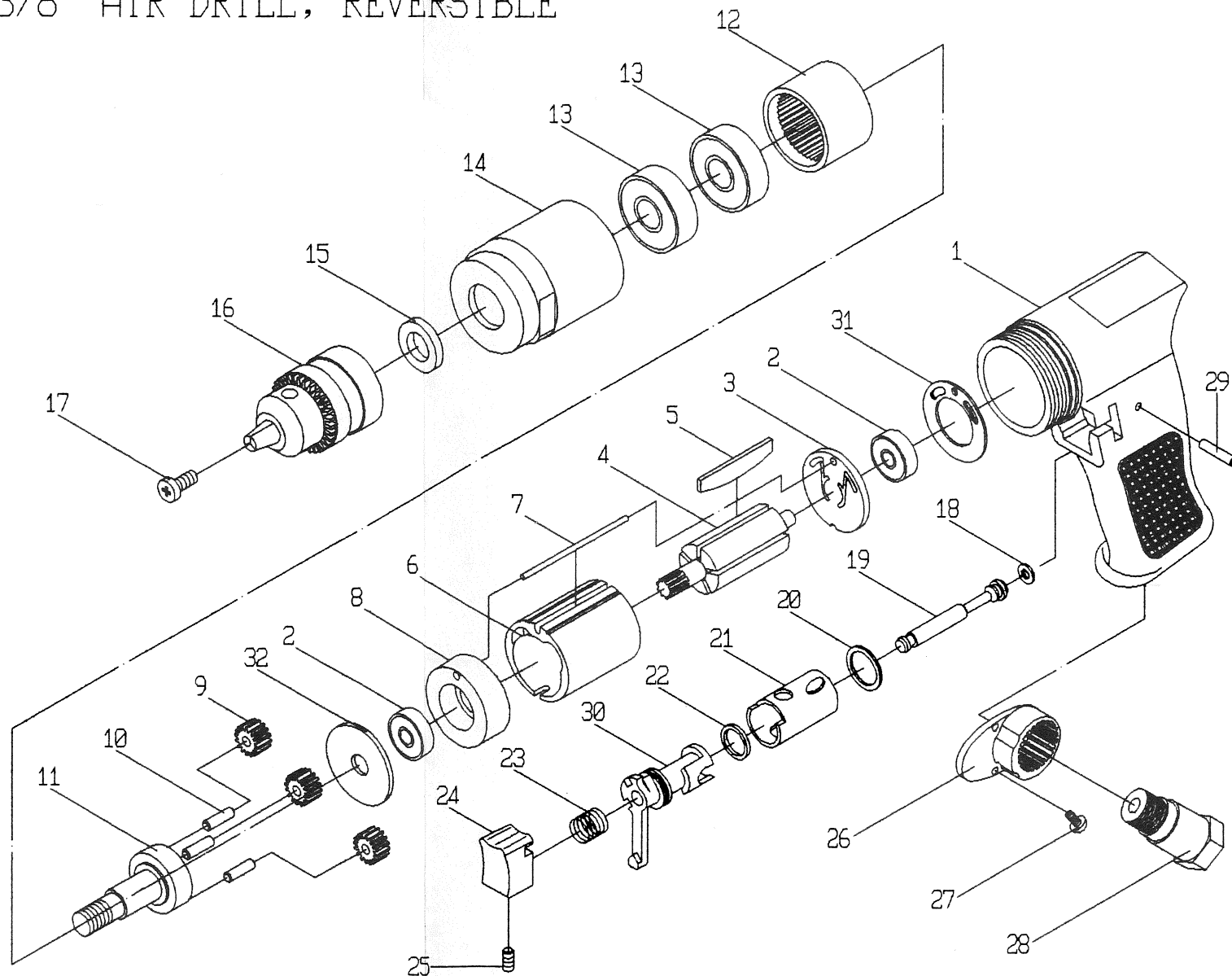
HY-145 AIR DIE GRINDER



NO	PATRS NO	DESCRIPTION	Q"TY	NO	PATRS NO	DESCRIPTION	Q"TY
1	HY145-01	AIR INLET	1	16	HY145-16	BEARING	1
2	HY145-02	MUFFLE COVER	1	17	HY145-17	END PLATE	1
3	HY145-03	HOUSING	1	18	HY145-18	PIN	2
4	HY145-04	VALVE PLUG	1	19	HY145-19	ROTOR BLADE	4
5	HY145-05	O-RING	1	20	HY145-20	ROTOR	1
6	HY145-06	O-RING	1	21	HY145-21	CYLINDER	1
7	HY145-07	AIR REGULATOR	1	22	HY145-22	FRONT PLATE	1
8	HY145-08	SPRING	1	23	HY145-23	BEARING	1
9	HY145-09	O-RING	1	24	HY145-24	WASHER	1
10	HY145-10	VALVE STEM	1	25	HY145-25	COLLET HOLDER	1
11	HY145-11	O-RING	1	26	HY145-26	RETAINER	1
12	HY145-12	STEEL BALL	1	27	HY145-27	HOUSING CAP	1
13	HY145-13	VALVE BUSHING	1	28	HY145-28	COLLET	1
14	HY145-14	PIN	1	29	HY145-29	CAP	1
15	HY145-15	TRIGGER	1	30	HY145-30	WRENCH	2

NO	PART NO	DESCRIPTION	Q'TY
1	13001	HOUSING	1
2	15030	BEARING	2
3	13003	END PLATE	1
4	13004	ROTOR	1
5	15026	ROTOR BLADE	5
6	13006	CYLINDER	1
7	13007	PIN	1
8	13008	FRONT PLATE	1
9	13009	GEAR	3
10	15015	PIN	3
11	13011	WORK SPINDLE	1
12	13012	THREAD RING GEAR	1
13	13013	BEARING	2
14	13014	CLAMP NUT	1
15	13015	WASHER	1
16	13016	CHUCK	1
17	13017	CHUCK SCREW	1
18	13018	O-RING	1
19	13019	VALVE STEM	1
20	13020	O-RING	1
21	13021	BUSHING	1
22	13022	O-RING	1
23	13023	TRIGGER SPRING	1
24	13024	TRIGGER	1
25	13025	TRIGGER SCREW	1
26	13026	MUFFLE COVER	1
27	16040	SCREW	2
28	13028	AIR INLET	1
29	13029	PIN	1
30	13030	REVERSE LEVER	1
31	13031	REAR GASKEY	1
32	27038	WASHER	1

HY-130 3/8" AIR DRILL, REVERSIBLE



AIR HAMMER

NO	PART NO	DESCRIPTION	Q'TY
1	12001	HOUSING	1
2	12002	PIN	1
3	12003	BUSHING	1
4	12004	O-RING	1
5	12005	AIR REGULATOR	1
6	12006	TRIGGER	1
7	12007	O-RING	1
8	12008	VALVE STEM	1
9	12009	BUSHING	1
10	12010	SPRING	1
11	12011	AIR INLET	1
12	12012	VALVE CASE	1
15	12015	PISTON	1
16	12016	CYLINDER	1
17	12017	SPRING	1
18	12018	PIN	1

