



evolution
POWER TOOLS

ME3500
Magnetic Drilling System

Service Parts List

REV.
1.03

Item	Description	Part No	Qty	List £	Item	Description	Part No	Qty	List £
1	Set screw m5x6	ME3501	2	0.67	52	Electro magnet switch	ME3552	1	20.27
1A	Set screw m8x8	ME3501A	2	0.67	53A	Main motor switch 230v	ME3553A	1	31.40
2	Arbor shaft v2	ME3502	1	52.47	53B	Main motor switch 110v	ME3553B	1	31.40
2A	Arbor shaft v1	ME3502A	1	45.47	54	Bushing 32x2x12	ME3554	2	7.32
2B	Arbor shaft no Inl v2	ME3502B	1	45.47	55	Flat washer 38x10x2.5	ME3555	1	0.67
3	Oil seal v2	ME3503	1	4.20	56	Switch plate	ME3556	1	20.27
3A	Oil seal v1	ME3503A	1	4.20	57	Hex bolt m4x16	ME3557	4	0.67
4	Spring v2	ME3504	1	4.20	58	Spring washer m6	ME3558	1	0.67
4A	Spring v1	ME3504A	1	4.20	59	Hex bolt m6x16	ME3559	1	0.81
5	Main drive spindle v2	ME3505	1	31.47	60	Switch plate bar	ME3560	2	3.47
5A	Main drive spindle v1	ME3505A	1	31.47	61	Crank spindle	ME3561	1	31.47
6	Woodruff key m5x5x10	ME3506	1	1.37	62	Crank handle	ME3562	3	6.97
7	Oil seal 22x32x7	ME3507	2	1.37	63	Handle grip	ME3563	3	3.40
8	Gearbox case v2	ME3508	1	27.27	64	Rear cover plate	ME3564	1	13.27
8A	Gearbox case v1	ME3508A	1	27.27	65	Screw m4x8	ME3565	4	0.67
9	Bearing 6003	ME3509	2	8.37	66	Wire lead 16 awg	ME3566	4	0.81
10	Snap ring r35	ME3510	1	1.37	67	Gib strip - see 51			
11	Circlip s17 v2	ME3511	1	1.37	68	Main rectifier	ME3568	1	20.27
11A	Bearing race v1	ME3511A	1	5.20	69	Nut m4	ME3569	4	0.67
12	Final drive gear	ME3512	1	16.77	70	Power cord 110v uk	ME3570	1	6.76
13	Circlip s14 v2	ME3513	1	1.37	70A	Power cord 230v uk	ME3570A	1	6.76
13A	Nut m14 v1	ME3513A	1	3.60	71	Screw m4x25	ME3571	3	0.67
14	Bearing 608zz	ME3514	4	8.37	72	Electro magnet	ME3572	1	134.30
15D	1st drive gear ass	ME3515D	1	26.20	73	Arbor support v2	ME3573	1	23.07
17	Coolant connector	ME3517	1	5.50	73A	Arbor support v1	ME3573A	1	23.07
18	Inter gear plate	ME3518	1	20.97	74	Arbor support bearing	ME3574	1	12.50
19	Fan shroud	ME3519	1	4.03	75	Spring washer m8	ME3575	5	0.67
20	Bearing 609zz	ME3520	1	8.37	76	Hex head screw m8x70	ME3576	2	0.81
21A	Armature 230v	ME3521A	1	59.47	77	Wrench m8	ME3577	1	2.77
21B	Armature 110v	ME3521B	1	59.47	78	Hex wrench m2.5	ME3578	1	1.37
22	Screw m5x55	ME3522	2	0.67	79	Hex wrench m4	ME3579	1	1.37
23A	Field assembly 230v	ME3523A	1	34.97	80	Flat washer m6x13x1	ME3580	2	0.67
23B	Field assembly 110v	ME3523B	1	34.97	81	Butterfly screw m6x10	ME3581	2	1.37
24	Motor housing v2	ME3524	1	27.97	82	Safety guard	ME3582	1	11.87
24A	Motor housing v1	ME3524A	1	27.97	83	Safety chain	ME3583	1	6.97
25	Brush holder	ME3525	2	6.27	84	Electrical connector	ME3584	2	0.67
26	Carbon brush (pr)	ME3526	2	13.27	85	Nut	ME3585	1	0.67
27	Brush cover	ME3527	2	1.37	86	Flat washer 12x24x2.5	ME3586	1	0.67
28	Hex head bolt m5x40	ME3528	4	0.81	87	O ring 7.5x1.5	ME3587	1	0.67
29	Washer m5	ME3529	4	0.67	88	Screw m5x12	ME3588	2	0.85
30	Conduit gland	ME3530	1	4.90	89	Motor fixing plate	ME3589	1	2.77
31	Motor cord	ME3531	2	6.76	90	Flat head screw m4x10	ME3590	4	0.67
32	Cord sheath	ME3532	1	6.76	91	Motor back cover plate	ME3591	1	2.77
33	Cord clip	ME3533	1	1.09	92	Hex head bolt m8x60	ME3592	1	0.67
34	Screw m4x16	ME3534	2	0.67	93	Screw m4x10	ME3593	2	0.67
35	Screw m8x16	ME3535	4	0.67	104	Locating block	ME35104	1	0.64
36	Gear rack	ME3536	1	27.27	106	Flat washer	ME35106	4	0.67
37	Slide plate	ME3537	1	78.30	107	Spring washer	ME35107	4	0.67
38	Hex head bolt m6x20	ME3538	5	0.67	108	Screw	ME35108	1	0.36
39	Coolant tank hanger	ME3539	1	4.17	109	Star washer	ME35109	3	0.67
40	Flat washer m5	ME3540	5	0.67	110	Cord clamp	ME35110	1	0.64
41	Electrical connector	ME3541	2	0.67	111	Spring washer	ME35111	1	0.67
42	Coolant tank	ME3542	1	6.97	113	Strain relief	ME35113	1	0.36
43	Coolant tap	ME3543	1	6.27	114	Cord protector inner	ME35114	1	0.24
44	Coolant clear tube	ME3544	1	1.64					
45	Conduit gland	ME3545	1	3.47					
46	Main body assembly	ME3546	1	68.92					
47	Set screw m5x20	ME3547	5	0.67					
48	Nut m5	ME3548	5	0.67					
49	Thumb screw m5x16	ME3549	2	1.64					
50	Gib strip tensioner	ME3550	1	8.02					
51	Gib strip pair	ME3551	2	20.97					

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