



OPERATOR'S MANUAL

Metal Working



METAL LATHE MODEL: PL-1236E-1.0

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Rev. 10/2020

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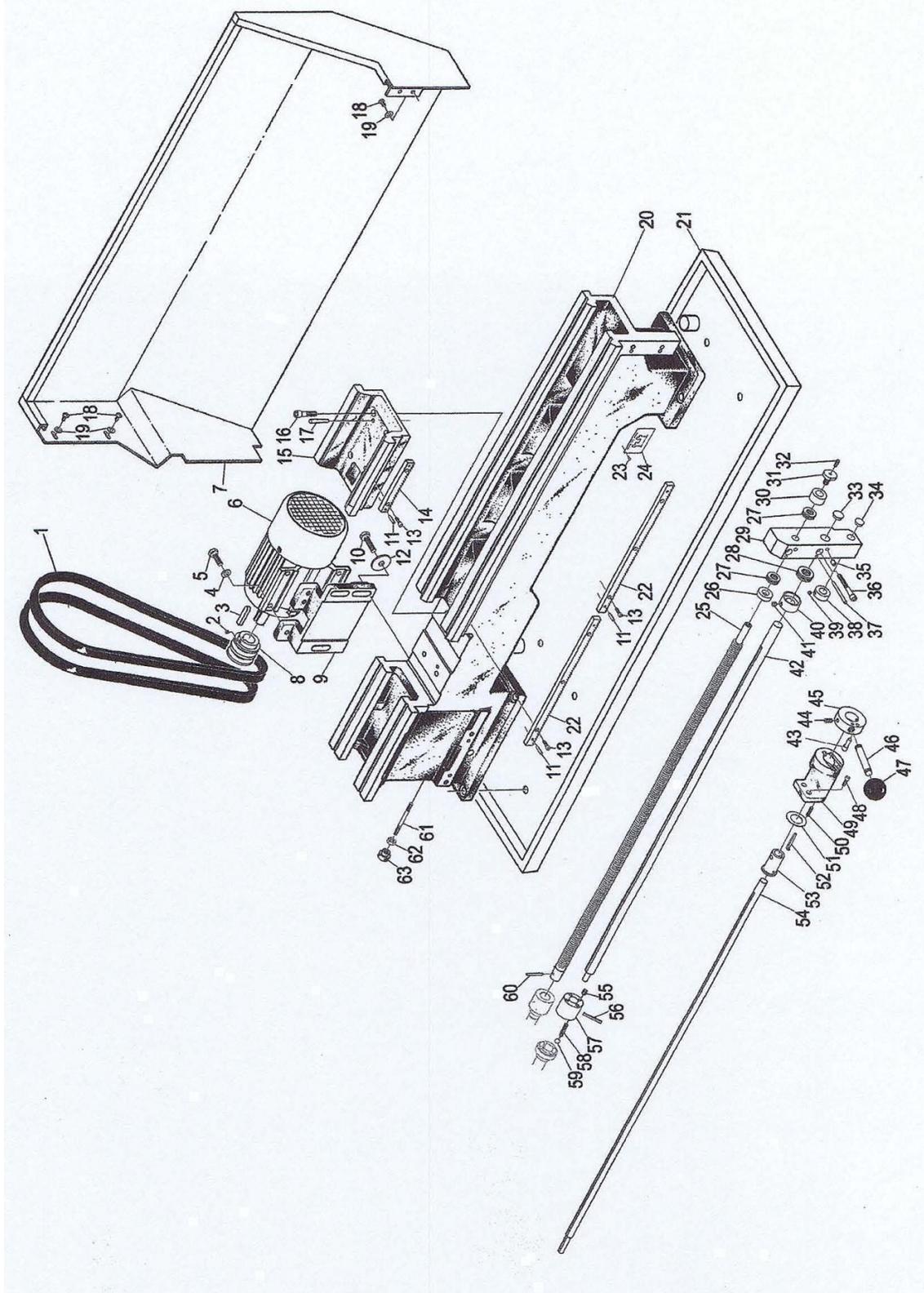


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BED ASSEMBLY - 1 - A





Bed Assembly (1) Parts Identification - A

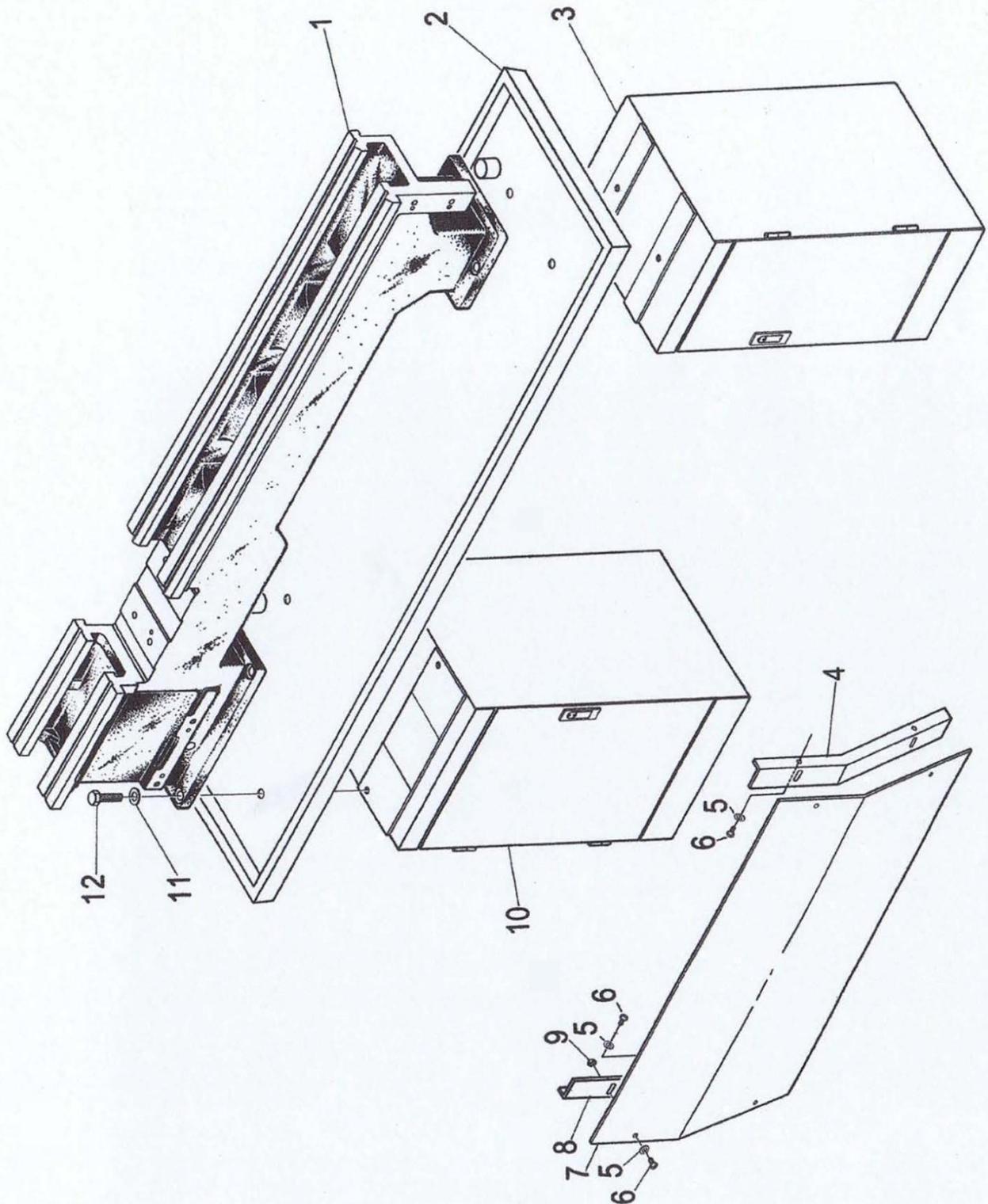
No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-A1	Belt A750	GB1171-74	2
2	PL1236E1.0-A2	Setscrew M5x10	GB77-85	1
3	PL1236E1.0-A3	Single Round Head Key	GB1096-86	1
4	PL1236E1.0-A4	Washer	GB97.1-85	4
5	PL1236E1.0-A5	Hexagon Head Screw M10x25	GB5783-85	4
6	PL1236E1.0-A6	Motor	Y90S-4	1
7	PL1236E1.0-A7	Splash Guard	CQ6230C-01-25	1
8	PL1236E1.0-A8	Pulley	CQ6230-01-03	1
9	PL1236E1.0-A9	Bracket	CQ6230-01-14	1
10	PL1236E1.0-A10	Hexagon Head Screw M10x30	GB5783-85	3
11	PL1236E1.0-A11	Spring Pin 5x25	GB879-85	6
12	PL1236E1.0-A12	Washer	GB93-85	3
13	PL1236E1.0-A13	Socket Head Cap Screw M6x25	GB70-85	8
14	PL1236E1.0-A14	Rack Gear	C0632-05231	1
15	PL1236E1.0-A15	Gap Piece	CQ6230-01-07	1
16	PL1236E1.0-A16	Socket Head Cap screw M10x45	GB7-85	4
17	PL1236E1.0-A17	Taper Pin With Thread 8x45	GB118-85	2
18	PL1236E1.0-A18	Cross Recessed Head Screw M6x10	GB818-85	4
19	PL1236E1.0-A19	Washer 6Ø	GB95-85	4
20	PL1236E1.0-A20	Lathe Bed	CQ6230C-01-04	1
21	PL1236E1.0-A21	Chip Pan	CQ6230C-01-21	1
22	PL1236E1.0-A22	Rack Gear	CQ6230C-01-19a	2
23	PL1236E1.0-A23	Button Head Rivet 2Øx5	GB827-86	4
24	PL1236E1.0-A24	Plate		1
25	PL1236E1.0-A25	Lead Screw	CQ6230C-01-05	1
26	PL1236E1.0-A26	Sleeve	CM6233-6037	1
27	PL1236E1.0-A27	Bearing 8102	GB301-85	2
28	PL1236E1.0-A28	Bearing 8103	GB301-85	1
29	PL1236E1.0-A29	Bracket	CM6233-6035	1
30	PL1236E1.0-A30	Bearing Cover	CM6233-6035	1
31	PL1236E1.0-A31	Lock Screw	CM6233-6-39	1
32	PL1236E1.0-A32	Socket Head Set Screw M6x20	GB78-85	1
33	PL1236E1.0-A33	Plug	C0632-01503	1



No.	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-A34	Plug	C0632-01504	1
35	PL1236E1.0-A35	Ball Cap 6	GB1155-79	2
36	PL1236E1.0-A36	Socket Head Cap Screw M8x60	GB70-85	2
37	PL1236E1.0-A37	Taper Pin 5x60	GB117-86	2
38	PL1236E1.0-A38	Sleeve	CM6233-6053	1
39	PL1236E1.0-A39	Socket Head Set Screw M6x8	GB77-85	1
40	PL1236E1.0-A40	Bearing Cover	CL6132-01-16	1
41	PL1236E1.0-A41	Socket Head Set Screw M6x10	GB77-85	1
42	PL1236E1.0-A42	Feed Rod	CQ6230C-01-06a	1
43	PL1236E1.0-A43	Position Setting Pin	CM6233-6049	1
44	PL1236E1.0-A44	Socket Head Set Screw 8x16	GB79-85	1
45	PL1236E1.0-A45	Gated Block	CM6233-6048	1
46	PL1236E1.0-A46	Spindle Control Lever	CM6233-6050	1
47	PL1236E1.0-A47	Spherical Knob	GB4141.11-84	1
48	PL1236E1.0-A48	Socket Head Cap Screw M6x16	GB70-85	2
49	PL1236E1.0-A49	Bracket	CM6233-6045	1
50	PL1236E1.0-A50	Compression Spring 1x6x20	GB2089-80	1
51	PL1236E1.0-A51	Thrust Piece	RUN6246-106058	1
52	PL1236E1.0-A52	Key	C0632-01213	1
53	PL1236E1.0-A53	Sleeve	C0632-01201	1
54	PL1236E1.0-A54	Starter Rod	CQ6230C-01-05	1
55	PL1236E1.0-A55	Socket Head Set Screw M8x10	GB77-85	4
56	PL1236E1.0-A56	Spring Pin 5x40	GB879-86	1
57	PL1236E1.0-A57	Sleeve	CM6233-2017a	1
58	PL1236E1.0-A58	Spring	CL6132-01-38	4
59	PL1236E1.0-A59	Steel Ball 6Ø	GB308	4
60	PL1236E1.0-A60	Shear Pin	CM6220-2085	1
61	PL1236E1.0-A61	Bolt	CQ6230-01-02	1
62	PL1236E1.0-A62	Hex Nut M10	GB6170-86	1
63	PL1236E1.0-A563	Nut	CQ6230-01-01	1



BED ASSEMBLY - 2 - B



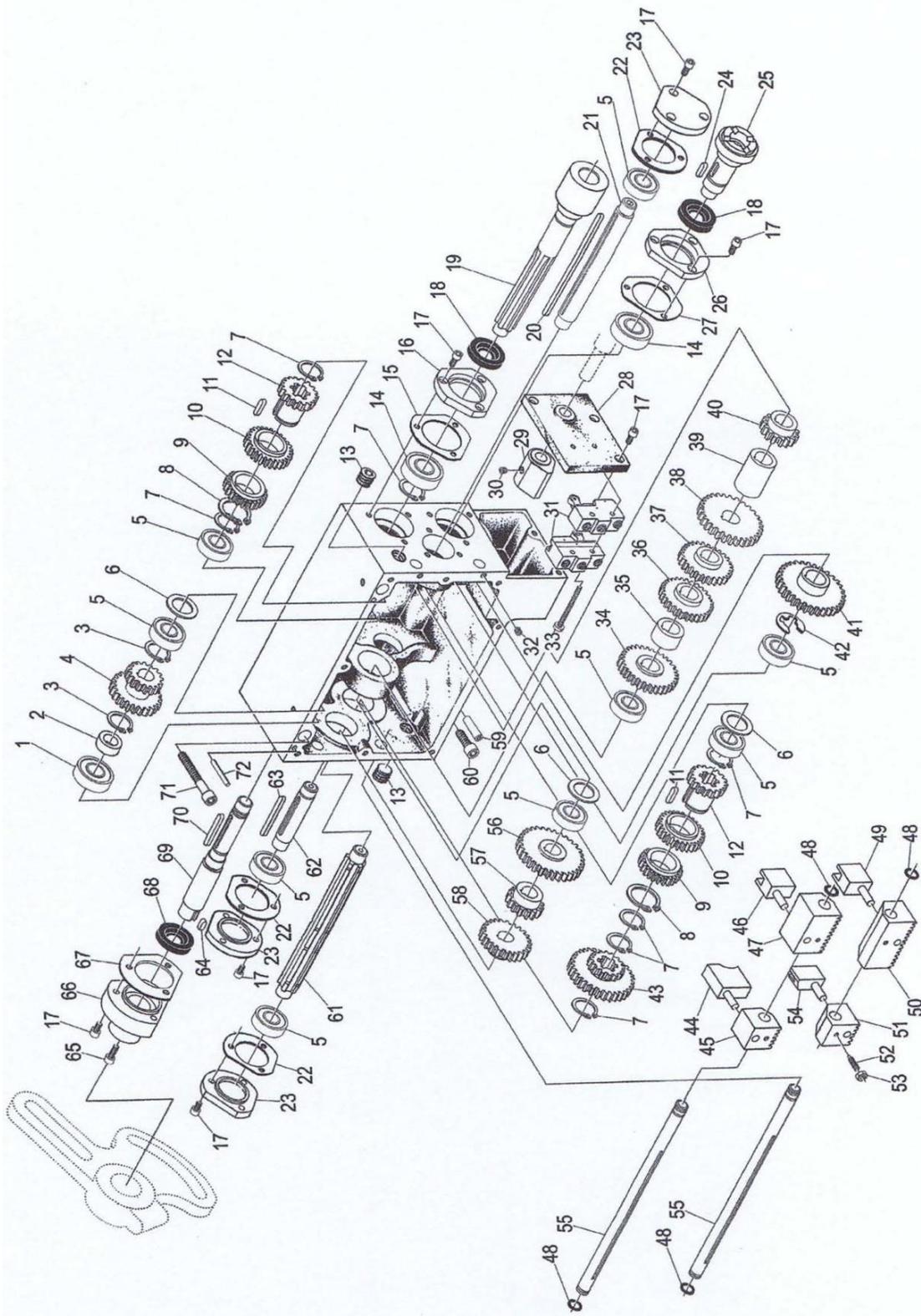


Bed Assembly (2) Parts Identification - B

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-B1	Lathe Bed (ref.)	CQ6230C-01-04	1
2	PL1236E1.0-B2	Chip Pan	CQ6230C-01-21	1
3	PL1236E1.0-B3	Right Stand – End	CQ6230C-01-23	1
4	PL1236E1.0-B4	Connect Part	CQ6230C-01-27 3/3	1
5	PL1236E1.0-B5	Washer 5Ø	GB95-85	8
6	PL1236E1.0-B6	Cross Recessed Head Screw M5x8	GB818-85	8
7	PL1236E1.0-B7	Front Plate	CQ6230C-01-27 2/3	1
8	PL1236E1.0-B8	Connect Part	CQ6230C-01-27 1/3	1
9	PL1236E1.0-B9	Hexagon Nut 1.15	GB6170-86	8
10	PL1236E1.0-B10	Left Stand – End	CQ6230C-01-22	1
11	PL1236E1.0-B11	Washer 14Ø	GB95-85	4
12	PL1236E1.0-B12	Socket Head Cap Screw M14x45	GB70-85	4



GEAR BOX (1) - C





Gear Box (1) Parts Identification - C

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-C1	Deep Groove Ball Bearing 6203-2RS	GB/T276-94	1
2	PL1236E1.0-C2	Collar	CM6233-2029	1
3	PL1236E1.0-C3	Retaining Ring 16	GB894.2-86	2
4	PL1236E1.0-C4	Gear	CM6233-2003	1
5	PL1236E1.0-C5	Deep Groove Ball Bearing 6202-2RS	GB894.2-86	9
6	PL1236E1.0-C6	Spacer	CM6233-2004	3
7	PL1236E1.0-C7	Retaining Ring 20	GB894.2-86	7
8	PL1236E1.0-C8	Retaining Ring 28	GB894.2-86	2
9	PL1236E1.0-C9	Gear	CM6233-2006	2
10	PL1236E1.0-C10	Gear	CM6233-2007	2
11	PL1236E1.0-C11	Double Round Head Key C4x22	GB1096-86	2
12	PL1236E1.0-C12	Gear	CM6233-2008	2
13	PL1236E1.0-C13	Oil Plug ZG 3/8"	Q/ZB285-3	2
14	PL1236E1.0-C14	Deep Groove Ball Bearing 6004-2RS	GB/T276-86	1
15	PL1236E1.0-C15	Spacer	CM6233-2027-1	1
16	PL1236E1.0-C16	Bearing Cover	CM6233-2027	1
17	PL1236E1.0-C17	Socket Head Cap Screw M5x12	GB70-86	18
18	PL1236E1.0-C18	Oil Seal 25x40x7	HG4-692-67	2
19	PL1236E1.0-C19	Shaft	CM6220-2005	1
20	PL1236E1.0-C20	Double Round Head Key C4x145	GB1096-86	1
21	PL1236E1.0-C21	Shaft	CM6220-2013	1
22	PL1236E1.0-C22	Spacer	CM6220-2026-1	1
23	PL1236E1.0-C23	Bearing Cover	CM6220-2026	1
24	PL1236E1.0-C24	Double Round Head Key 5x18	GB1096-86	1
25	PL1236E1.0-C25	Shaft	GB1096-86	1
26	PL1236E1.0-C26	Bearing Cover	CM6220	1
27	PL1236E1.0-C27	Spacer	CM6220-2025-1	1
28	PL1236E1.0-C28	Switch Cover	CM6220-2048	1
29	PL1236E1.0-C29	Engaging Arm	CM6233-2055	1
30	PL1236E1.0-C30	Socket Head Set Screw M6x8	GB80-85	5
31	PL1236E1.0-C31	Limit Main Switch	LXW5-11G2	2
32	PL1236E1.0-C32	Countersunk Flat Screw M5x6	GB-79-85	2
33	PL1236E1.0-C33	Button Head Screw M4x45	GB67-85	2

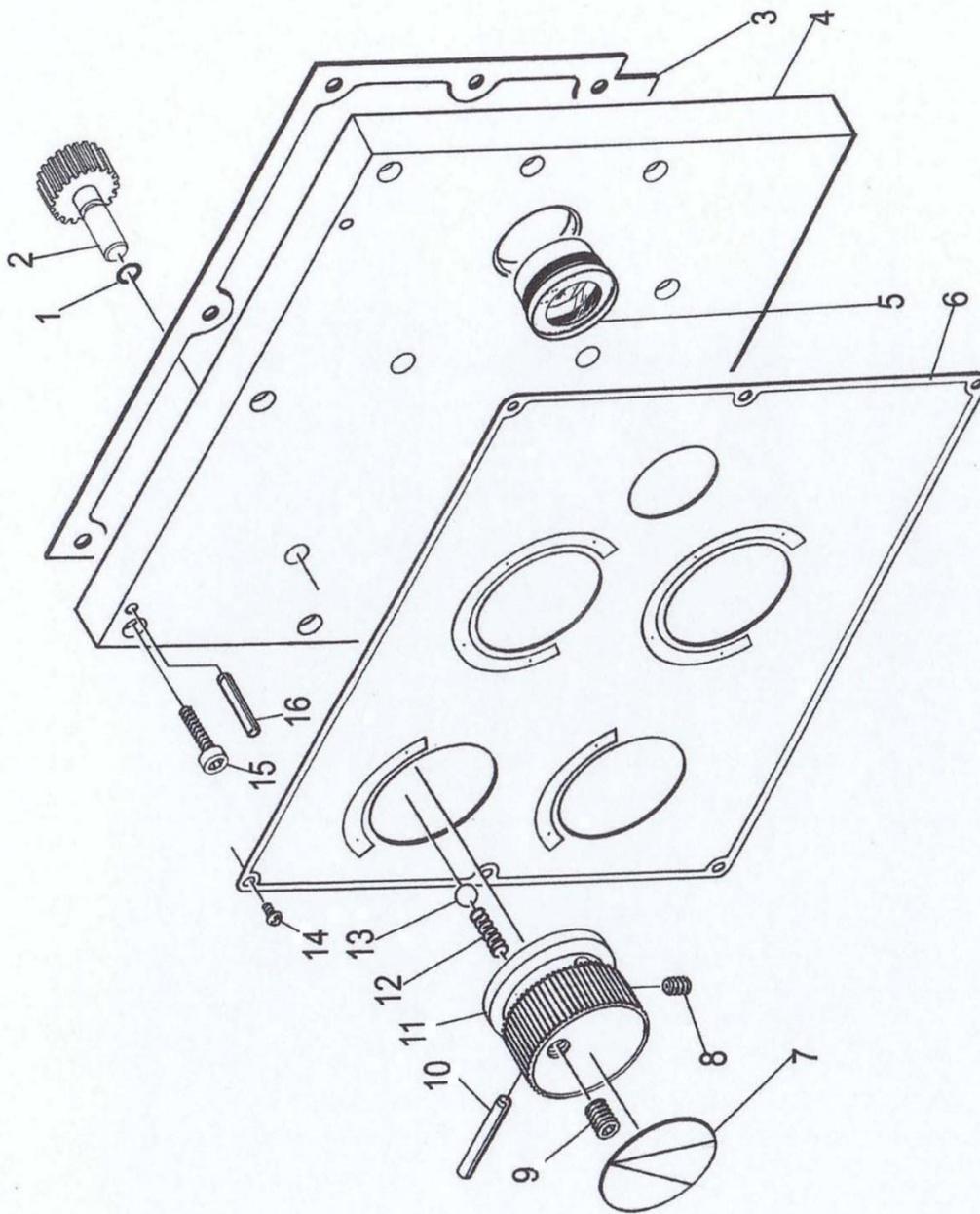


No.	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-C34	Gear	CM6220-2014	1
35	PL1236E1.0-C35	Spacer	CM6220-2015	1
36	PL1236E1.0-C36	Gear	CM6220-2016	1
37	PL1236E1.0-C37	Gear	CM6220-2017	1
38	PL1236E1.0-C38	Gear	CM6220-2018	1
39	PL1236E1.0-C39	Sleeve	CM6220-2019	1
40	PL1236E1.0-C40	Gear	CM6220-2020	1
41	PL1236E1.0-C41	Gear	CM6220-2024	1
42	PL1236E1.0-C42	Retaining Ring 15	GB896-86	1
43	PL1236E1.0-C43	Gear	CM6220-2022	1
44	PL1236E1.0-C44	Shifting Fork	CM6220-2040B	1
45	PL1236E1.0-C45	Rack	CM6220-2037B	1
46	PL1236E1.0-C46	Shifting Fork	CM6220-2039B	1
47	PL1236E1.0-C47	Rack	CM6220-2035B	1
48	PL1236E1.0-C48	O-Ring 12x1.9	GB1235-76	4
49	PL1236E1.0-C49	Shifting Fork	CM6220-2039C	1
50	PL1236E1.0-C50	Rack	CM6220-2036B	1
51	PL1236E1.0-C51	Rack	CM6220-2038B	1
52	PL1236E1.0-C52	Countersunk Flat Screw M4x16	GB79-85	4
53	PL1236E1.0-C53	Hexagon Nut M4	GB6170-86	4
54	PL1236E1.0-C54	Shifting Fork	CM6220-2040C	1
55	PL1236E1.0-C55	Shaft	CM6220-2042	2
56	PL1236E1.0-C56	Gear	CM62202012-	1
57	PL1236E1.0-C57	Gear	CM6220-2011	1
58	PL1236E1.0-C58	Gear	CM6220-2010	1
59	PL1236E1.0-C59	Taper Pin w/Thread 8x26	GB117-85	2
60	PL1236E1.0-C60	Socket Head Cap Screw M8x25	GB70-85	2
61	PL1236E1.0-C61	Shaft	CM6220-2021	1
62	PL1236E1.0-C62	Shaft	CM6220-2009	1
63	PL1236E1.0-C63	Double Round Head Key 4x55	GB1096-79	1
64	PL1236E1.0-C64	Single Round Head Key 5x18	GB1096-79	1
65	PL1236E1.0-C65	Socket Head Cap Screw M6x16	GB70-85	1
66	PL1236E1.0-C66	Bracket	CM6220-2028	1
67	PL1236E1.0-C67	Spacer	CM6220-2028-1	1
68	PL1236E1.0-C68	Oil Seal 22x35x7	CM6220-2002	1



No.	Part No.	Description	Reference No.	Qty.
69	PL1236E1.0-C69	Input Shaft	CM6220-2002	1
70	PL1236E1.0-C70	Double Round Head Key 5x5x45	GB1096-79	1
71	PL1236E1.0-C71	Socket Head Cap Screw M8x65	GB70-85	2
72	PL1236E1.0-C72	Spring Pin 4x30	GB879-86	2

GEAR BOX (2) - D



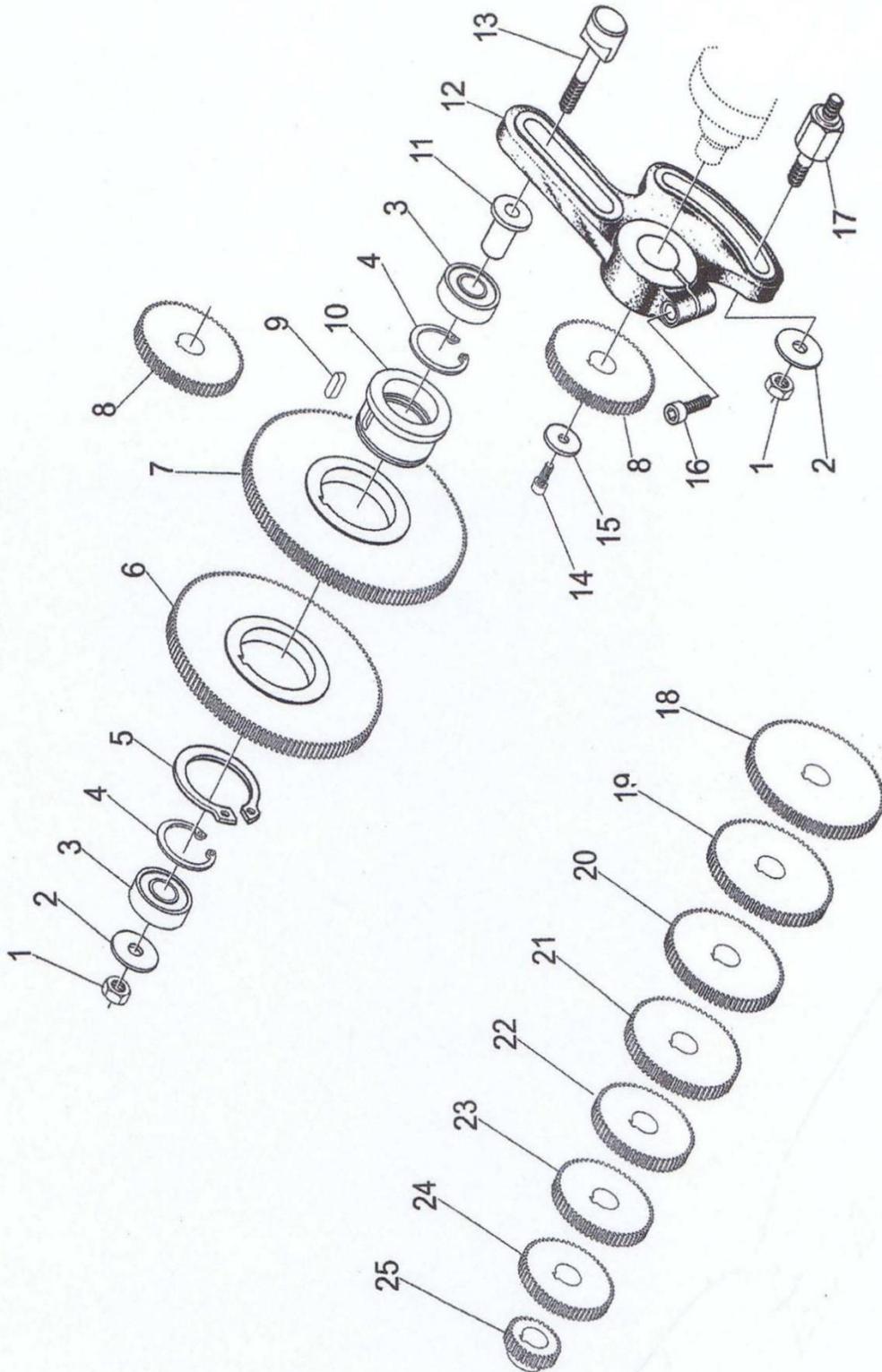


Gear Box (2) Parts Identification - D

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-D1	O-Ring P7xW1.9	GB1235-76	4
2	PL1236E1.0-D2	Pinion Shaft	CM6220-2049-01	4
3	PL1236E1.0-D3	Gasket	CQ6230C—05-02	1
4	PL1236E1.0-D4	Cover	CQ6230C-05-01	1
5	PL1236E1.0-D5	Oil Sight Glass A12	GB1160.1-89	1
6	PL1236E1.0-D6	Plate	CQ6230C-05-03	1
7	PL1236E1.0-D7	Plate	CQ6230C-05	4
8	PL1236E1.0-D8	Set Screw M6x8	GB80-85	4
9	PL1236E1.0-D9	Set Screw M6x10	GB77-85	4
10	PL1236E1.0-D10	Spring Pin 5Øx40	GB879-86	4
11	PL1236E1.0-D11	Knob	CM6220-2050	4
12	PL1236E1.0-D12	Spring 1Øx5x20	GB2089-80	4
13	PL1236E1.0-D13	Steel Ball 6Ø	GB308-89	4
14	PL1236E1.0-D14	Cross Recessed Head Screw M4x8	GB818-85	4
15	PL1236E1.0-D15	Screw M5x25	GB70-85	8
16	PL1236E1.0-D16	Spring Pin 5Øx40	GB879-86	2



CHANGE GEAR ASSEMBLY - E



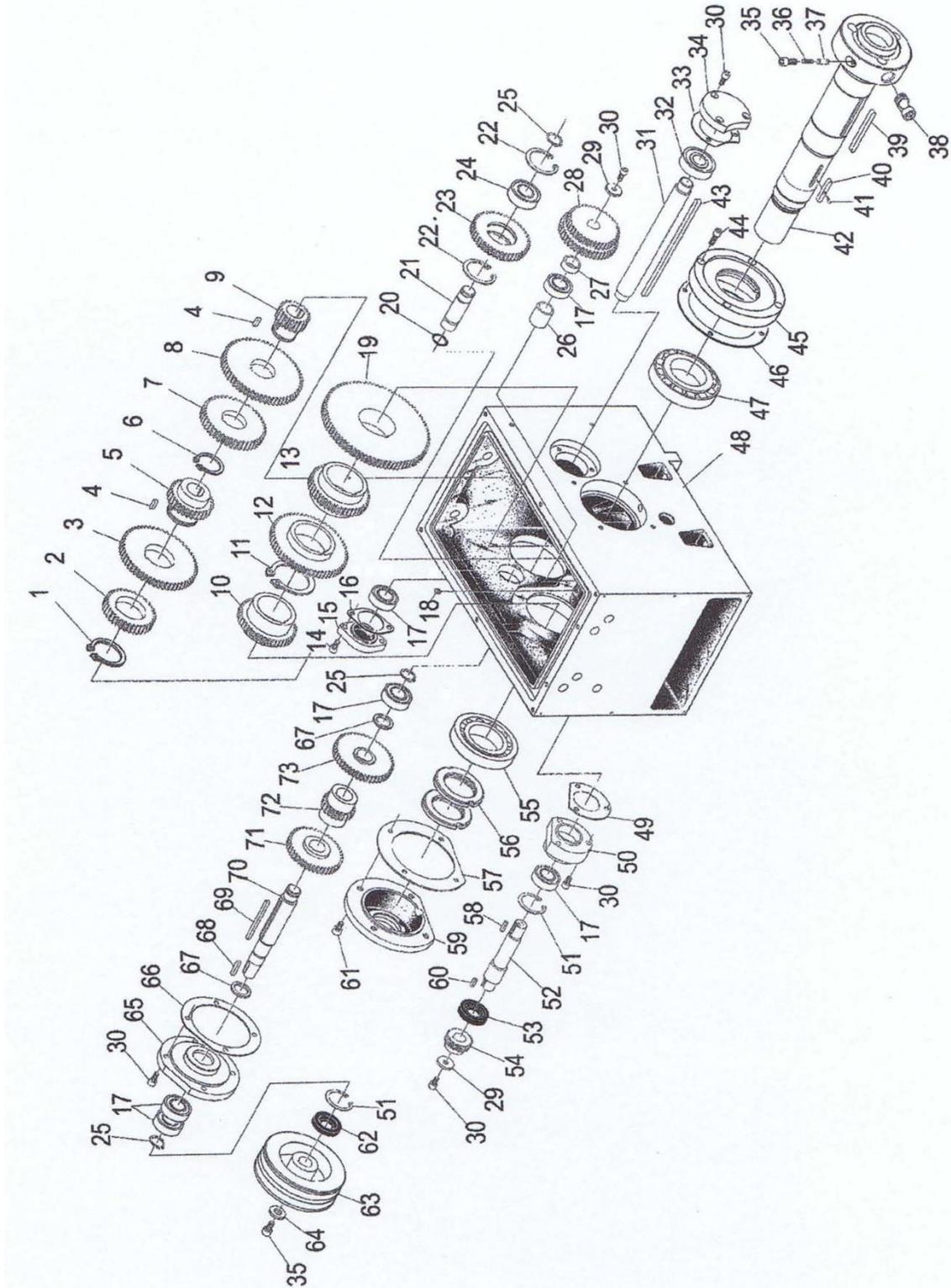


Change Gear Assembly Parts Identification - E

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-E1	Nut M10	GB6170-86	1
2	PL1236E1.0-E2	Sleeve	C0632-01222	1
3	PL1236E1.0-E3	Bearing 80203	GB278-89	2
4	PL1236E1.0-E4	Retaining Ring 40Ø	GB893-.1-87	2
5	PL1236E1.0-E5	Retaining Ring 55Ø	GB894.1-86	1
6	PL1236E1.0-E6	Gear M1.25x120T	C0632-05230	1
7	PL1236E1.0-E7	Gear M1.25x127T	C0632-05231	1
8	PL1236E1.0-E8	Gear M1.25x60T	CL6232-03-41	2
9	PL1236E1.0-E9	Key 6x18	GB1096-79	1
10	PL1236E1.0-E10	Bearing Housing	CM6233-6027	1
11	PL1236E1.0-E11	Sleeve	CM6233-6025	1
12	PL1236E1.0-E12	Swing Frame	CM6233-6012	1
13	PL1236E1.0-E13	Setting Bolt	C0632-05228	1
14	PL1236E1.0-E14	Socket Head Cap Screw M6x15	GB70-85	1
15	PL1236E1.0-E15	Sleeve	CL6132-05-42	1
16	PL1236E1.0-E16	Screw M8x30	GB70-85	1
17	PL1236E1.0-E17	Clamping Bolt	CM6233-6029	1
18	PL1236E1.0-E18	Change Gear M1.25x78T	CM6220-2054	1
19	PL1236E1.0-E19	Change Gear M1.25x69T	CM6220-2056	1
20	PL1236E1.0-E20	Change Gear M1.25x66T	CM6220-2058	1
21	PL1236E1.0-E21	Change Gear M1.25x63T	CM6220-2053	1
22	PL1236E1.0-E22	Change Gear M1.25x57T	CM6220-2052	1
23	PL1236E1.0-E23	Change Gear M1.25x56T	CM6220-2051	1
24	PL1236E1.0-E24	Change Gear M1.25x54T	CM6220-2057	1
25	PL1236E1.0-E25	Change Gear M1.25x30T	CM6220-05242	1



HEAD STOCK (1) - F





Head Stock (1) Parts Identification - F

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-F1	Retaining Ring 45	GB894.1-86	1
2	PL1236E1.0-F2	Gear	CQ6230	1
3	PL1236E1.0-F3	Gear	CQ6230-04-26	1
4	PL1236E1.0-F4	Key 5x18	GB1096-79	2
5	PL1236E1.0-F5	Gear	CQ6230-04-24a	1
6	PL1236E1.0-F6	Retaining Ring 36	GB894.1-86	2
7	PL1236E1.0-F7	Gear	CQ6230-04-27a	1
8	PL1236E1.0-F8	Gear	CQ6230-04-28	1
9	PL1236E1.0-F9	Gear	CQ6230-04-29a	1
10	PL1236E1.0-F10	Gear	CQ6230-04-57a	1
11	PL1236E1.0-F11	Retaining Ring	GB894.1-86	1
12	PL1236E1.0-F12	Gear 58	CQ6230-04-34	1
13	PL1236E1.0-F13	Gear	CQ6230-04-35	1
14	PL1236E1.0-F14	Socket Head Cap Screw M6x14	GB70-85	2
15	PL1236E1.0-F15	Cover	CQ6230-04-60	1
16	PL1236E1.0-F16	Gasket	CQ6230-04-59	1
17	PL1236E1.0-F17	Deep Groove Ball Bearing 6004-2RS	GB/T276-94	6
18	PL1236E1.0-F18	Socket Head Set Screw M8x6	GB78-85	1
19	PL1236E1.0-F19	Gear	CQ6230-04-36	1
20	PL1236E1.0-F20	O-Ring 17x2.65	GB3452.1-82	1
21	PL1236E1.0-F21	Shaft	CQ6230C-04-51	1
22	PL1236E1.0-F22	Retaining Ring 47	GB893.1-86	2
23	PL1236E1.0-F23	Gear	CQ6230-04-52	1
24	PL1236E1.0-F24	Deep Groove Ball Bearing 6204-2RS	GB/T276-94	1
25	PL1236E1.0-F25	Retaining Ring 20	GB894.1-86	3
26	PL1236E1.0-F26	Collar	CQ6230C-04-46	1
27	PL1236E1.0-F27	Collar	CQ6230C-04-69	1
28	PL1236E1.0-F28	Gear	CQ6230C-04-45	1
29	PL1236E1.0-F29	Washer	CQ6230C-04-44	2
30	PL1236E1.0-F30	Socket Head Cap Screw M6x16	GB70-85	12
31	PL1236E1.0-F31	Shaft	CQ6230C-04-61	1
32	PL1236E1.0-F32	Deep Groove Ball Bearing 6304-2RS	GB/T276-94	1
33	PL1236E1.0-F33	Gasket	CQ6230C-04-31	1



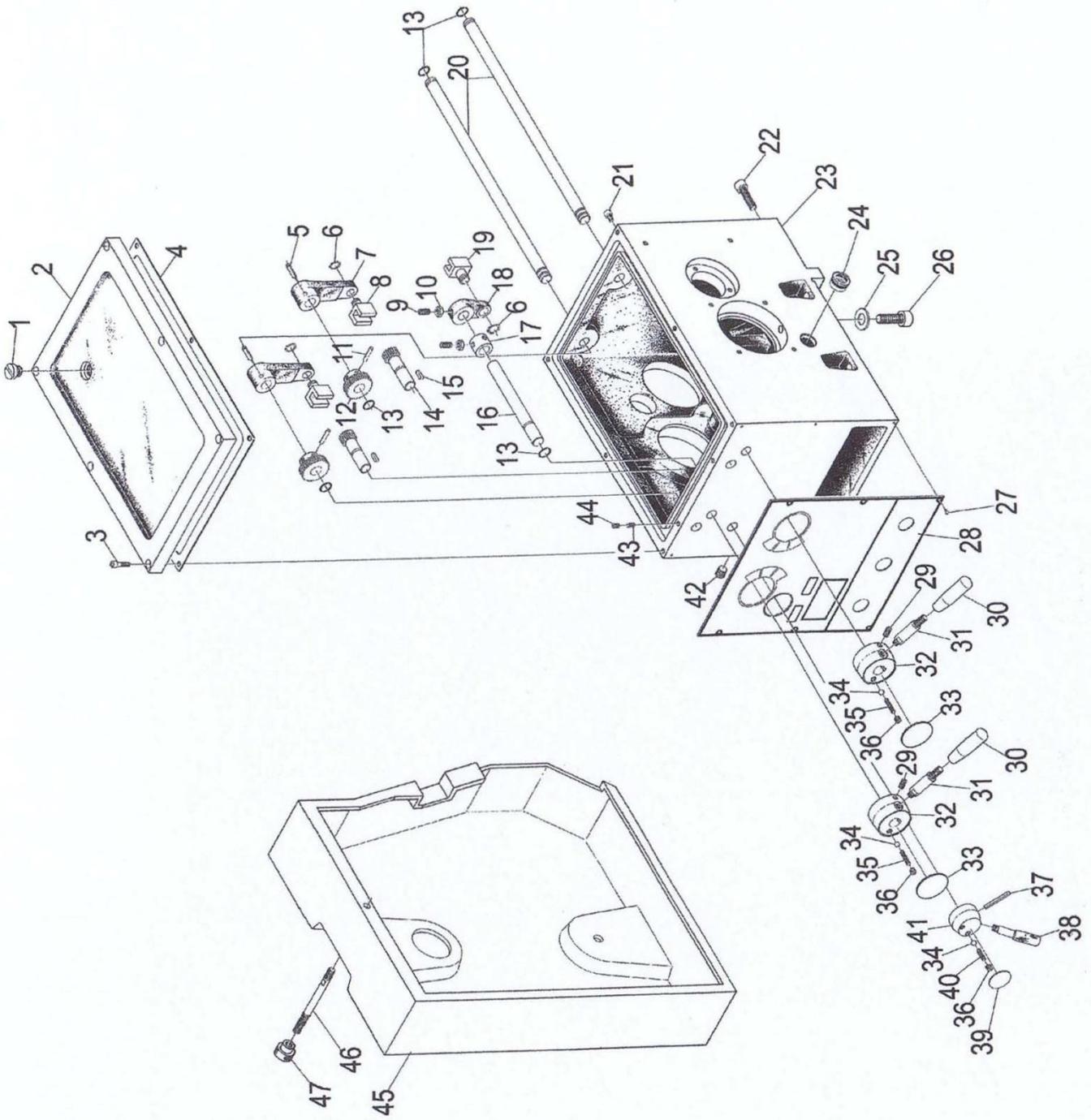
No.	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-F34	Cover	CQ6230C-04-32	1
35	PL1236E1.0-F35	Socket Head Cap Screw M8x16	GB70-85	4
36	PL1236E1.0-F36	Compressing Spring 0.6x4x22	GB2089-80	3
37	PL1236E1.0-F37	Lock Pin	C0632-04230	3
38	PL1236E1.0-F38	Cam Lock	C0632-04231	3
39	PL1236E1.0-F39	Key 8x80	GB1096-79	1
40	PL1236E1.0-F40	Key 8x45	GB1096-79	1
41	PL1236E1.0-F41	Button Head Screw M3x8	GB67-85	1
42	PL1236E1.0-F42	Spindle	CQ6230C-04-40	1
43	PL1236E1.0-F43	Key 8x210	GB1096-79	1
44	PL1236E1.0-F44	Socket Head Cap Screw M6x20	GB70-85	4
45	PL1236E1.0-F45	Cover	CQ6230C-04-39	1
46	PL1236E1.0-F46	Gasket	CQ6230C-04-41	1
47	PL1236E1.0-F47	Taper Roller Bearing D7212	GB297-84	1
48	PL1236E1.0-F48	Head Stock	CQ6230C-04-43	1
49	PL1236E1.0-F49	Gasket	CQ6230C-04-50	1
50	PL1236E1.0-F50	Cover	CQ6230C-04-47	1
51	PL1236E1.0-F51	Retaining Ring 42	GB893.1-86	2
52	PL1236E1.0-F52	Shaft	CQ6230C-04-49	1
53	PL1236E1.0-F53	Oil Seal PD25x45x10	HG4-692-67	1
54	PL1236E1.0-F54	Gear	CL6232-05-41	1
55	PL1236E1.0-F55	Taper Roller Bearing E7211	GB297-84	1
56	PL1236E1.0-F56	Nut	CQ6230-04-54	2
57	PL1236E1.0-F57	Key C5x20	GB1096-79	1
58	PL1236E1.0-F58	Gasket	CQ6230-04-58	1
59	PL1236E1.0-F59	Key C5x8	GB1096-79	1
60	PL1236E1.0-F60	Cover	CQ6230-04-55a	1
61	PL1236E1.0-F61	Socket Head Cap Screw M8x12	GB70-85	4
62	PL1236E1.0-F62	Oil Seal PD20x45x10	HG4-692-67	1
63	PL1236E1.0-F63	Pulley	CQ6230-04-18	1
64	PL1236E1.0-F64	Washer	CQ6230-04-62	1
65	PL1236E1.0-F65	Cover	CQ6230-04-19a	1
66	PL1236E1.0-F66	Gasket	CQ6230-04-20	1
67	PL1236E1.0-F67	Washer	CQ6230-04-68	2
68	PL1236E1.0-F68	Key C5x30	GB1096-79	1



No.	Part No.	Description	Reference No.	Qty.
69	PL1236E1.0-F69	Key 5x80	GB1096-79	1
70	PL1236E1.0-F70	Shaft	CQ6230C-04-63	1
71	PL1236E1.0-F71	Gear	CQ6230-04-21	1
72	PL1236E1.0-F72	Gear	CQ6230-04-22	1
73	PL1236E1.0-F73	Gear	CQ6230-04-25	1



HEAD STOCK (2) - G





Head Stock (2) Parts Identification - G

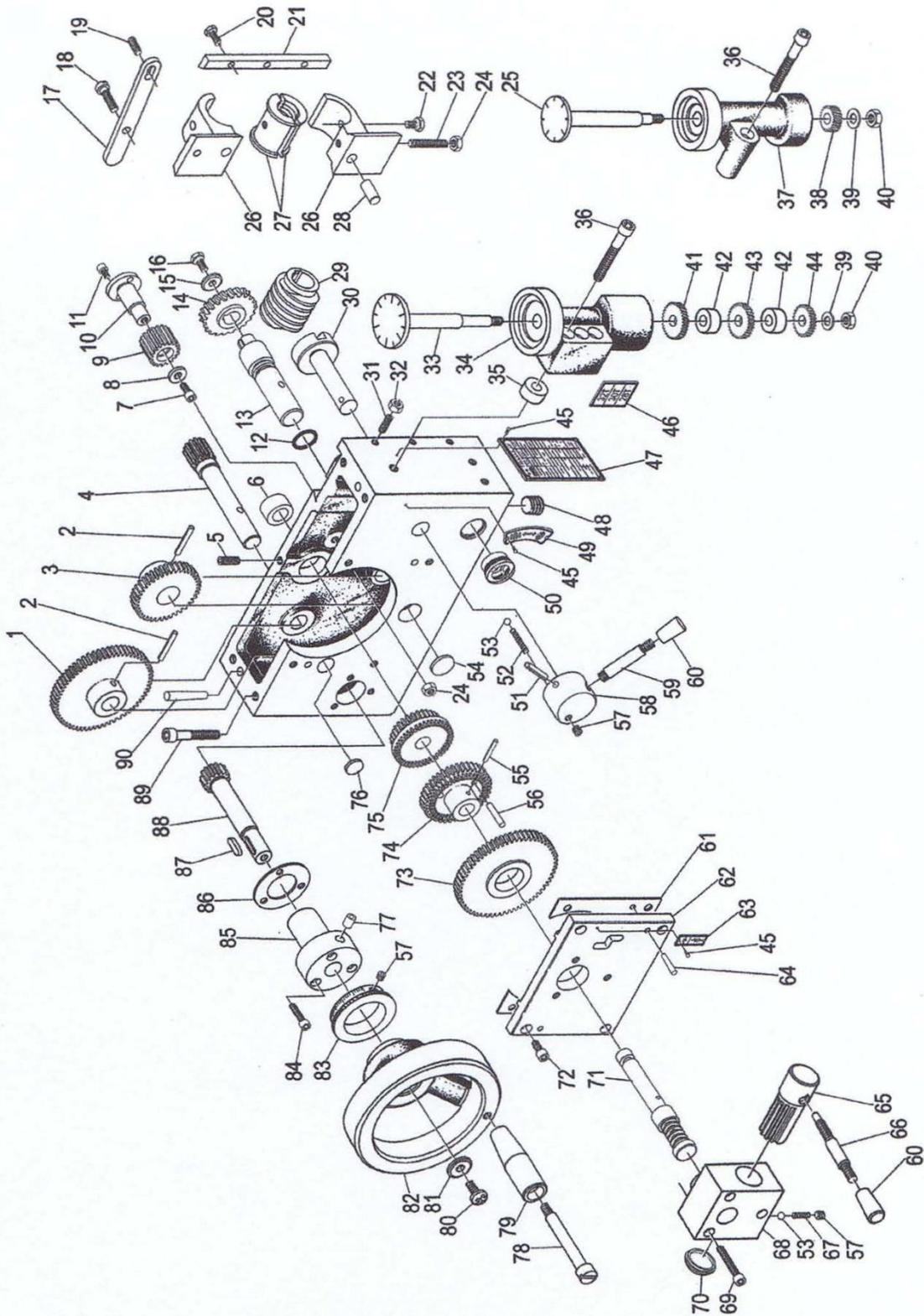
No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-G1	Oil Plug	CQ6230C-04-16	1
2	PL1236E1.0-G2	Cover	CQ6230C-04-07	1
3	PL1236E1.0-G3	Socket Head Cap Screw M6x25	GB70-85	6
4	PL1236E1.0-G4	Gasket	CQ6230C-04-06	1
5	PL1236E1.0-G5	Spring Pin 5x30	GB879-86	2
6	PL1236E1.0-G6	Retaining Ring 12	GB894.1-86	3
7	PL1236E1.0-G7	Changing Arm	CQ6230-04-15A	2
8	PL1236E1.0-G8	Shifting Fork	CQ6230-04-12	2
9	PL1236E1.0-G9	Socket Head Set Screw M8x16	GB78-85	2
10	PL1236E1.0-G10	Nut M8	GB6170-86	2
11	PL1236E1.0-G11	Spring Pin 5x25	GB879-86	2
12	PL1236E1.0-G12	Gear	CQ6230C-04-65	2
13	PL1236E1.0-G13	O-Ring 11.2x2.65	GB3452.1-82	5
14	PL1236E1.0-G14	Pinion Shaft	CQ6230C-04-67	2
15	PL1236E1.0-G15	Key	GB1096-79	2
16	PL1236E1.0-G16	Shaft	CQ6230C-04-04	1
17	PL1236E1.0-G17	Collar	CQ6230-04-17	1
18	PL1236E1.0-G18	Changing Arm	CQ6230C-04-02	1
19	PL1236E1.0-G19	Shifting Fork	CQ6230-04-01	1
20	PL1236E1.0-G20	Shaft	CQ6230C-04-14	2
21	PL1236E1.0-G21	Socket Head Cap Screw M6x10	GB70-85	4
22	PL1236E1.0-G22	Socket Head Cap Screw M8x30	GB70-85	2
23	PL1236E1.0-G23	Head Stock	CQ6230C-04-43	1
24	PL1236E1.0-G24	Oil Glass A12	GB1160.1-74	1
25	PL1236E1.0-G25	Washer 12	GB97.2-85	2
26	PL1236E1.0-G26	Socket Head Cap Screw M12x30	GB70-85	2
27	PL1236E1.0-G27	Cross Recessed Head Screw M3x6	GB818-85	6
28	PL1236E1.0-G28	Plate	CQ6230C-04-11	1
29	PL1236E1.0-G29	Socket Head Set Screw M6x12	GB78-85	2
30	PL1236E1.0-G30	Knob BM8x40	GB4141.14-84	2
31	PL1236E1.0-G31	Lever	CQ6230C-04-03A	2
32	PL1236E1.0-G32	Lever Handle	CQ6230C-04-05B	2
33	PL1236E1.0-G33	Plate	CQ6230C-04-66	2



No.	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-G34	Steel Ball 6Ø	GB6308-89	4
35	PL1236E1.0-G35	Compression Spring 1.2x4.8x27	GB2089-80	2
36	PL1236E1.0-G36	Socket Head Set Screw M8x8	GB77-85	4
37	PL1236E1.0-G37	Spring Pin 5x40	GB879-86	1
38	PL1236E1.0-G38	Lever	CQ6230C-04-03	1
39	PL1236E1.0-G39	Plate	CQ6230C-04-66A	1
40	PL1236E1.0-G40	Compression Spring 1x5x16	GB2089-80	2
41	PL1236E1.0-G41	Lever Handle	CQ6230C-04-05	1
42	PL1236E1.0-G42	Oil Plug ZG 3/8"	Q/ZB285.3	1
43	PL1236E1.0-G43	Socket Head Set Screw M6x10	GB79-85	2
44	PL1236E1.0-G44	Socket Head Set Screw M6x8	GB77-85	2
45	PL1236E1.0-G45	Cover	CQ6230C-04-10	1
46	PL1236E1.0-G46	Bolt	CQ6230-04-09	1
47	PL1236E1.0-G47	Nut	CQ6230-04-01	1



APRON - H





Apron Parts Identification - H

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-H1	Gear M1.5x607	CM6233-4012	1
2	PL1236E1.0-H2	Spring Pin 5Øx30	GB879-86	1
3	PL1236E1.0-H3	Gear M1.5x187	CM6233-4024	1
4	PL1236E1.0-H4	Pinion Shaft M1.5x113	CM6233-4010	1
5	PL1236E1.0-H5	Set Screw M6x16	GB79-85	1
6	PL1236E1.0-H6	Sleeve	CM6233-4049	1
7	PL1236E1.0-H7	Socket Head Cap Screw M6x12	GB70-85	1
8	PL1236E1.0-H8	Washer	C0632-06240	1
9	PL1236E1.0-H9	Gear	C0632-06231	1
10	PL1236E1.0-H10	Idle Shaft	C0632-06232	1
11	PL1236E1.0-H11	Socket Head Cap Screw M5x12	GB70-85	1
12	PL1236E1.0-H12	O-Ring	GB1255-77	1
13	PL1236E1.0-H13	Shaft	CM6233-4026	1
14	PL1236E1.0-H14	Worm Gear	C0632-06429	1
15	PL1236E1.0-H15	Washer	CM6233-4028	1
16	PL1236E1.0-H16	Cap Screw M6x12	GB5783-86	1
17	PL1236E1.0-H17	Interlock Piece	CM6233-4038	1
18	PL1236E1.0-H18	Pan Head Screw M6x20	GB6170-86	1
19	PL1236E1.0-H19	Socket Head Set Screw M6x12	GB77-85	1
20	PL1236E1.0-H20	Hexagon Head Screw M5x20	GB5783-86	3
21	PL1236E1.0-H21	Gib	CM6233-4036	1
22	PL1236E1.0-H22	Hexagon Head Screw M6x10	GB5783-86	2
23	PL1236E1.0-H23	Socket Head Set Screw M6x36	GB-77-85	1
24	PL1236E1.0-H24	Hexagon Nuts M6	GB6170-85	1
25	PL1236E1.0-H25	Dial Indicator (Imperial)	CM6233-4040B	1
26	PL1236E1.0-H26	Half Nut Base	CM6233-4035	1
27	PL1236E1.0-H27	Half Nut	CM6233-4035 ½	1
28	PL1236E1.0-H28	Pin 8x16	GB119-86	2
29	PL1236E1.0-H29	Worm	C0632-06228	1
30	PL1236E1.0-H30	Cam Shaft	C0632-06225	1
31	PL1236E1.0-H31	Socket Head Set Screw M5x16	GB80-85	3
32	PL1236E1.0-H32	Hexagon Nut M5	GB41-86	3
33	PL1236E1.0-H33	Dial Indicator (Metric)	CM6233-4040A	1



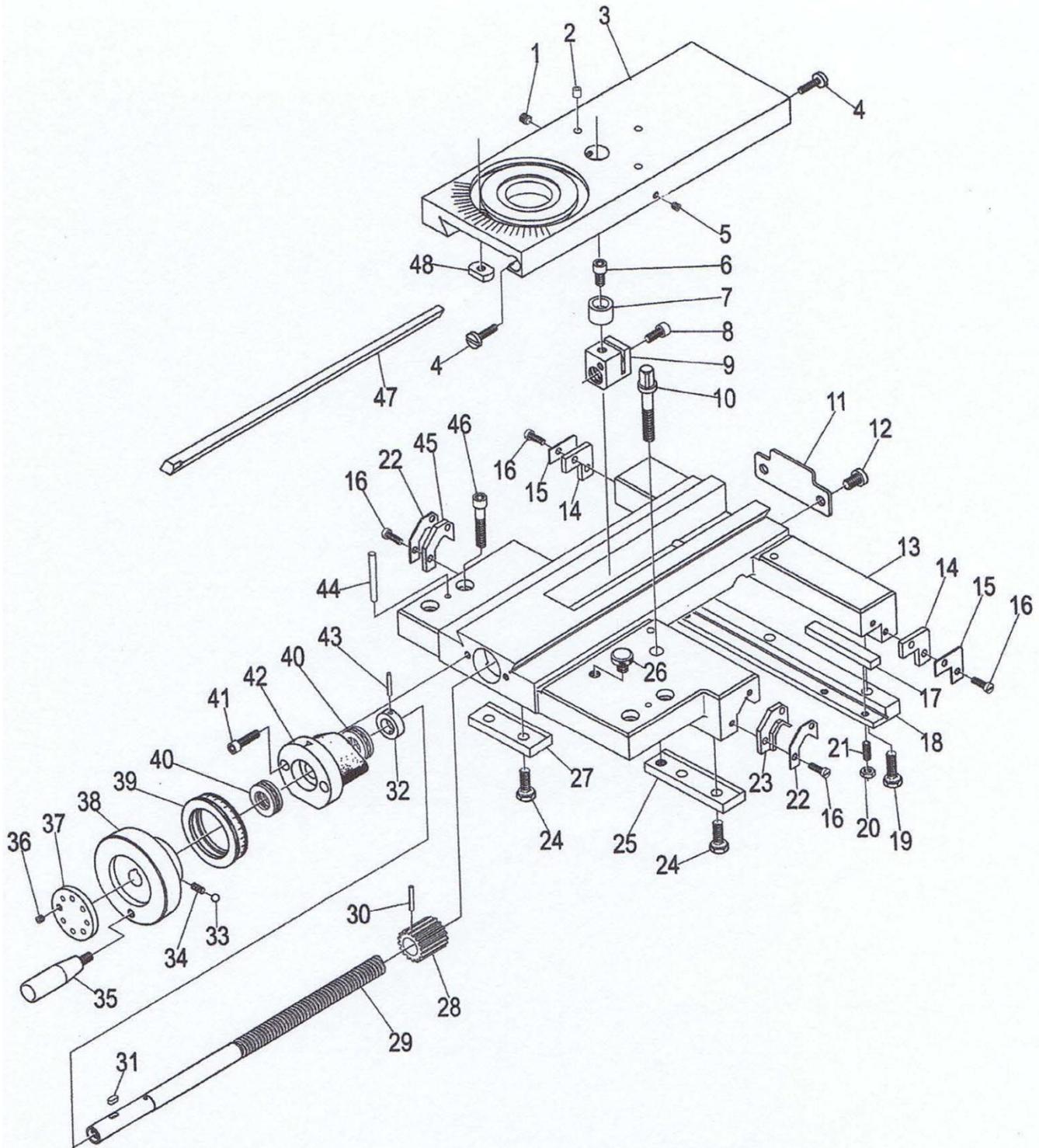
No.	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-H34	Thread Dial Body (Metric)	CM6233-4039A	1
35	PL1236E1.0-H35	Washer	C0632-06206	1
36	PL1236E1.0-H36	Socket Head Cap Screw M8X50	GB70-85	1
37	PL1236E1.0-H37	Thread Dial Body (Imperial)	CM6233-4039B	1
38	PL1236E1.0-H38	Helical Gear	CM6233-4045A	1
39	PL1236E1.0-H39	Washer 8Ø	GB95-85	1
40	PL1236E1.0-H40	Hexagon Nut M8	GB41-86	1
41	PL1236E1.0-H41	Helical Gear	CM6233-4043	1
42	PL1236E1.0-H42	Spacer	C0632-06237	2
43	PL1236E1.0-H43	Helical Gear	CM6233-4042	1
44	PL1236E1.0-H44	Helical Gear	CM6233-4041	1
45	PL1236E1.0-H45	Button Head Rivet 2Øx5	GB827-86	8
46	PL1236E1.0-H46	Helical Gear Chart	CM6233-4048	1
47	PL1236E1.0-H47	Indicator Table	CM6233-4046	1
48	PL1236E1.0-H48	Drain Plug 1/8"	Q/ZG285.3	1
49	PL1236E1.0-H49	Half Nut Indicator	CM6233-4050	1
50	PL1236E1.0-H50	Oil Sight Glass A20	GB1160-89	1
51	PL1236E1.0-H51	Spring Pin 5Øx35	GB879-86	1
52	PL1236E1.0-H52	Compression Spring	CM6233-4001-00-9	1
53	PL1236E1.0-H53	Steel Ball	GB308-77	1
54	PL1236E1.0-H54	Plug	CM6233-4027	1
55	PL1236E1.0-H55	Spring Pin 3Øx25	GB879-86	1
56	PL1236E1.0-H56	Pin C5x25	GB119-85	3
57	PL1236E1.0-H57	Socket Head Set Screw M6x6	GB77-85	1
58	PL1236E1.0-H58	Lever Handle	CM6233-4033	1
59	PL1236E1.0-H59	Lever	CM6233-4034	1
60	PL1236E1.0-H60	Knob M8x40	GB1342-73	1
61	PL1236E1.0-H61	Spacer	CM6233-4002-1	1
62	PL1236E1.0-H62	Front Cover	CM6233-4002	1
63	PL1236E1.0-H63	Feed Direction Indicator	CM6233-4047	1
64	PL1236E1.0-H64	Taper Pin 5x20	GB117-86	2
65	PL1236E1.0-H65	Cam Shaft	CM6233-4020	1
66	PL1236E1.0-H66	Change Lever	CM6233-4022	1
67	PL1236E1.0-H67	Compression Spring	CM6233-4019-00-3	1
68	PL1236E1.0-H68	Bracket	CM6233-4019	1



No.	Part No.	Description	Reference No.	Qty.
69	PL1236E1.0-H69	Socket Head Cap Screw M6x35	GB70-85	3
70	PL1236E1.0-H70	Plug	CL6132-06-02	1
71	PL1236E1.0-H71	Shifting Shaft	CM6233-4013	1
72	PL1236E1.0-H72	Socket Head Cap Screw M6x16	GB70-85	4
73	PL1236E1.0-H73	Clutch Gear	CQ6230C-06-01	1
74	PL1236E1.0-H74	Clutch Gear	CM6233-4015	1
75	PL1236E1.0-H75	Clutch Gear	CM6233-4014	1
76	PL1236E1.0-H76	Plug	CM6233-4011	1
77	PL1236E1.0-H77	Ball Cap	GB1155-79	1
78	PL1236E1.0-H78	Bolt	CM6233-4008	1
79	PL1236E1.0-H79	Handle	CM6233-4009	1
80	PL1236E1.0-H80	Cross Recessed Head Screw M6x15	GB818-85	1
81	PL1236E1.0-H81	Washer	CM6233-4007	1
82	PL1236E1.0-H82	Handle Wheel	CM6233-4005	1
83	PL1236E1.0-H83	Dial	CM6233-4006	1
84	PL1236E1.0-H84	Socket Head Cap Screw M5x25	GB70-85	3
85	PL1236E1.0-H85	Bracket	CM6233-4004	1
86	PL1236E1.0-H86	Spacer	CM6233-4004-1	1
87	PL1236E1.0-H87	Double Round Head Key 5x5x20	GB1096-79	1
88	PL1236E1.0-H88	Gear Shaft	CM6233-4003	1
89	PL1236E1.0-H89	Socket Head Cap Screw M8x30	GB70-85	4
90	PL1236E1.0-H90	Taper Pin 8x40	GB117-85	2



SADDLE - I





Saddle Parts Identification - I

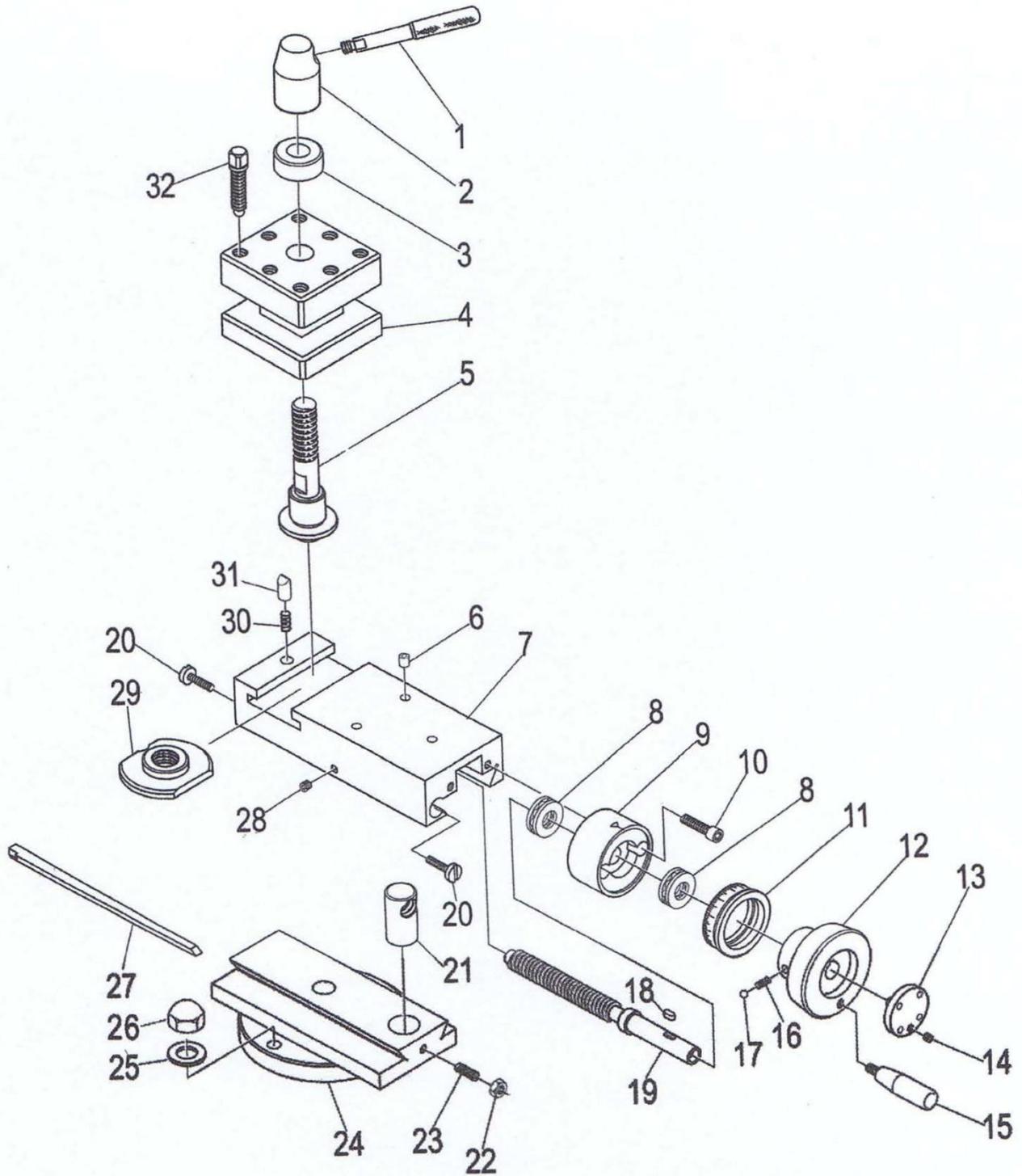
Item	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-I1	Cross Slide	CQ6230-07-32	1
2	PL1236E1.0-I2	Taper Gib Strip	CQ6230-07-27	1
3	PL1236E1.0-I3	Adjust Screw	CQ6230-07-07	2
4	PL1236E1.0-I4	Saddle	CQ6230C-07-11	1
5	PL1236E1.0-I5	Cross Feed Screw	CQ6230C-07-37	1
6	PL1236E1.0-I6	Cross Feed Screw	CQ6230-07-33	1
7	PL1236E1.0-I7	Dial	CQ6230C-07-41	1
8	PL1236E1.0-I8	Bracket	CQ6230-07-40	1
9	PL1236E1.0-I9	Bracket	CQ6230D	1
10	PL1236E1.0-I10	Dust Cover	CQ6230D	1
11	PL1236E1.0-I11	Rod	CQ6230D	1
12	PL1236E1.0-I12	Washer	CQ6230D	1
13	PL1236E1.0-I13	Hand Wheel	CQ6230D-07-30	1
14	PL1236E1.0-I14	Spring 1x6x15	GB1340	1
15	PL1236E1.0-I15	Steel Ball 6mm	GB/T308-2002	1
16	PL1236E1.0-I16	Key 5x18	GB1096-79	1
17	PL1236E1.0-I17	Thrust Bearing 51104	GB301-84	1
18	PL1236E1.0-I18	Nut	CQ6230D	1
19	PL1236E1.0-I19	Hand Sleeve	CQ6230D	1
20	PL1236E1.0-I20	Hand Lever	CQ6230D	1
21	PL1236E1.0-I21	Key 5x30	GB1096-79	1
22	PL1236E1.0-I22	Thrust Bearing 51104	GB301-84	2
23	PL1236E1.0-I23	Washer 12mm	GB858-1988	1
24	PL1236E1.0-I24	Lock Nut M12	GB/T6187.2-2000	1
25	PL1236E1.0-I25	Socket Head Cap Screw M6x12	GB70-85	1
26	PL1236E1.0-I26	Setting Collar	CQ6230D-07-34	1
27	PL1236E1.0-I27	Socket Head Cap Screw M6x20	GB70-85	2
28	PL1236E1.0-I28	Socket Head Cap Screw M10x20	GB70-85	1
29	PL1236E1.0-I29	Oil Plug	CQ6230D-07-03	1
30	PL1236E1.0-I30	Strip	CQ6230D-07-50	1
31	PL1236E1.0-I31	Strip	CQ6230D-07-51	1
32	PL1236E1.0-I32	Strip	CQ6230D-07-01	1
33	PL1236E1.0-I33	Gib	CQ6230D-07-04	2



Item	Part No.	Description	Reference No.	Qty.
34	PL1236E1.0-I34	Hex Head Screw M8x25	GB5783-86	3
35	PL1236E1.0-I35	Socket Head Set Screw M8x20	GB78-85	4
36	PL1236E1.0-I36	Hex Nut M8	GB6172-86	4
37	PL1236E1.0-I37	Socket Head Set Screw M8x20	GB70-85	4
38	PL1236E1.0-I38	Nut 2	CQ6230D	1
39	PL1236E1.0-I39	Ball Cap	GB155-84	4
40	PL1236E1.0-I40	Socket Head Cap Screw M0x30	GB70-85	4
41	PL1236E1.0-I41	Taper Pin A6x45	GB117-86	2
42	PL1236E1.0-I42	Plate	CQ6230-07-47	2
43	PL1236E1.0-I43	Plate	CQ6230-07-12	2
44	PL1236E1.0-I44	Bedway Wiper	CQ6230-07-47	1
45	PL1236E1.0-I45	Bedway Wiper	CQ6230-07-12	2
46	PL1236E1.0-I46	Straight Recessed Head Screw M5x10	GB65-85	8
47	PL1236E1.0-I47	Bedway Wiper	CQ6230-07-10	1
48	PL1236E1.0-I48	Setting Nut	CQ6230-07-07	2



TOOL POST - J

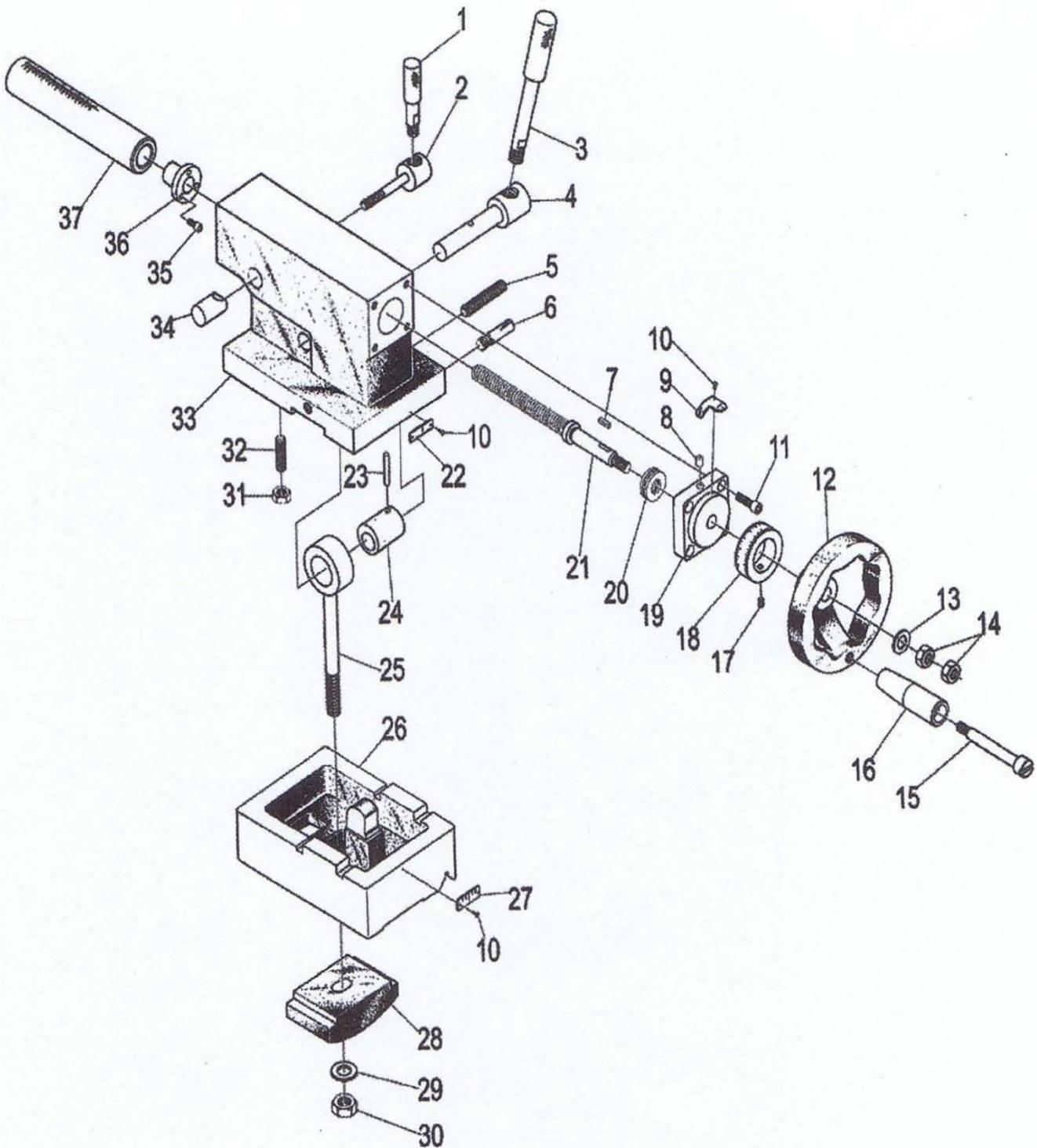




Tool Post Parts Identification - J

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-J1	Lever	CQ6230-07-21	1
2	PL1236E1.0-J2	Lever Handle	CQ6230-07-20	1
3	PL1236E1.0-J3	Washer	CQ6230-07-19	1
4	PL1236E1.0-J4	Four Way Tool Post	CQ6230-07-23	1
5	PL1236E1.0-J5	Centering Bolt	CQ6230-07-18	1
6	PL1236E1.0-J6	Ball Cap	GB1155-84	3
7	PL1236E1.0-J7	Compound Rest	CQ6230-07-24	1
8	PL1236E1.0-J8	Thrust Bearing 8108	GB301-84	2
9	PL1236E1.0-J9	Bracket	CQ6230-07-28C	1
10	PL1236E1.0-J10	Socket Head Cap Screw M6x25	GB70-85	2
11	PL1236E1.0-J11	Dial	CQ6230-07-29C	1
12	PL1236E1.0-J12	Hand Wheel	CQ6230-07-43C	1
13	PL1236E1.0-J13	Screw	CQ6230-07-43C/1	1
14	PL1236E1.0-J14	Socket Head Set Screw M5x6	GB78-85	1
15	PL1236E1.0-J15	Handle M6x50	GB4141.5-84	1
16	PL1236E1.0-J16	Compression Spring 0.6x3x10	GNB2089-80	2
17	PL1236E1.0-J17	Steel Ball 4Ø	GB308-77	2
18	PL1236E1.0-J18	Key 4x10	GB1096-77	1
19	PL1236E1.0-J19	Compound Feed Screw	CQ6230-07-25C	1
20	PL1236E1.0-J20	Adjusting Screw	CQ6230-07-49	2
21	PL1236E1.0-J21	Compound Feed Nut	CQ6230-07-26	1
22	PL1236E1.0-J22	Hexagon Nut M6	GB6172-86	1
23	PL1236E1.0-J23	Socket Head Set Screw M6x15	GB77-85	1
24	PL1236E1.0-J24	Swivel Table	CQ6230-07-14A	1
25	PL1236E1.0-J25	Socket Head Cap Screw 8Ø	GB97.2-85	2
26	PL1236E1.0-J26	Acorn Vent M8	GB802-88	2
27	PL1236E1.0-J27	Taper Gib Strip	CQ6230-07-38	1
28	PL1236E1.0-J28	Socket Head Cap Screw M6x8	GB77-86	1
29	PL1236E1.0-J29	Bottom Plate	CQ6230-07-17	1
30	PL1236E1.0-J30	Compression Spring 1x5x12	GB2089-80	1
31	PL1236E1.0-J31	Fix Position Pin	CQ6230-07-16	1
32	PL1236E1.0-J32	Tool Post Screw M10x40	GB83-88	8

TAILSTOCK - K





Tailstock Parts Identification - K

No.	Part No.	Description	Reference No.	Qty.
1	PL1236E1.0-K1	Handle	CQ6230-08-17a	1
2	PL1236E1.0-K2	Locking Rod	CQ6230-08-16	1
3	PL1236E1.0-K3	Handle	CQ6230-08-09a	1
4	PL1236E1.0-K4	Clamping Shaft	CQ6230-08-08	1
5	PL1236E1.0-K5	Socket Head Set Screw M10x50	GB79-85	2
6	PL1236E1.0-K6	Screw	CQ6230-08-19	1
7	PL1236E1.0-K7	Key 4x14	GB1096-79	1
8	PL1236E1.0-K8	Ball Cup D6	GB11555-84	3
9	PL1236E1.0-K9	Set-Over Indicating Chart	CQ6230-08-20	1
10	PL1236E1.0-K10	Button Head Rivet 2.5Øx5	GB827-86	4
11	PL1236E1.0-K11	Socket Head Rivet M6x20	GB70-85	4
12	PL1236E1.0-K12	Hand Wheel	CQ6230-08-06	1
13	PL1236E1.0-K13	Washer 10	GB95-85	1
14	PL1236E1.0-K14	Hexagon Nut M10	GB6172-86	2
15	PL1236E1.0-K15	Bolt	C0632-07207b 1/2	1
16	PL1236E1.0-K16	Handle	C0632-07207b 2/2	1
17	PL1236E1.0-K17	Straight Recessed Head Screw M4x10	GB74-85	1
18	PL1236E1.0-K18	Dial	CQ6230C-04-05E	1
19	PL1236E1.0-K19	Bracket	CQ6230-04-04	1
20	PL1236E1.0-K20	Thrust Bearing 8101	GB301-84	1
21	PL1236E1.0-K21	Feed Screw	CQ6230-08-02	1
22	PL1236E1.0-K22	Set-Over Indicating Chart	C0632-08405	1
23	PL1236E1.0-K23	Spring Pin 5x30	GB879-86	1
24	PL1236E1.0-K24	Eccentric Collar	CQ6230-08-10	1
25	PL1236E1.0-K25	Bolt	CQ6230-08-14	1
26	PL1236E1.0-K26	Tailstock Base	CQ6230-08-12	1
27	PL1236E1.0-K27	Set-Over Indicating Chart	C0632-08404	1
28	PL1236E1.0-K28	Setting Block	CQ6230-08-13	1
29	PL1236E1.0-K29	Washer	GB95-85	1
30	PL1236E1.0-K30	Hexagon Nut M12	GB6172-86	1
31	PL1236E1.0-K31	Hexagon Nut M8	GB6172-86	1
32	PL1236E1.0-K32	Socket Head Set Screw M8x30	GB79-85	1
33	PL1236E1.0-K33	Tailstock Casting	CQ6230-08-11	1



34	PL1236E1.0-K34	Locking Bush	CQ6230-08-18	1
35	PL1236E1.0-K35	Socket Head Cap Screw M4x10	GB70-85	3
36	PL1236E1.0-K36	Feed Nut	CQ6230C-08-03E	1
37	PL1236E1.0-K37	Sleeve	CQ6230-08-01a	1



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