



PART'S MANUAL



METAL LATHE MODEL: PL-1340

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Book 2 of 2

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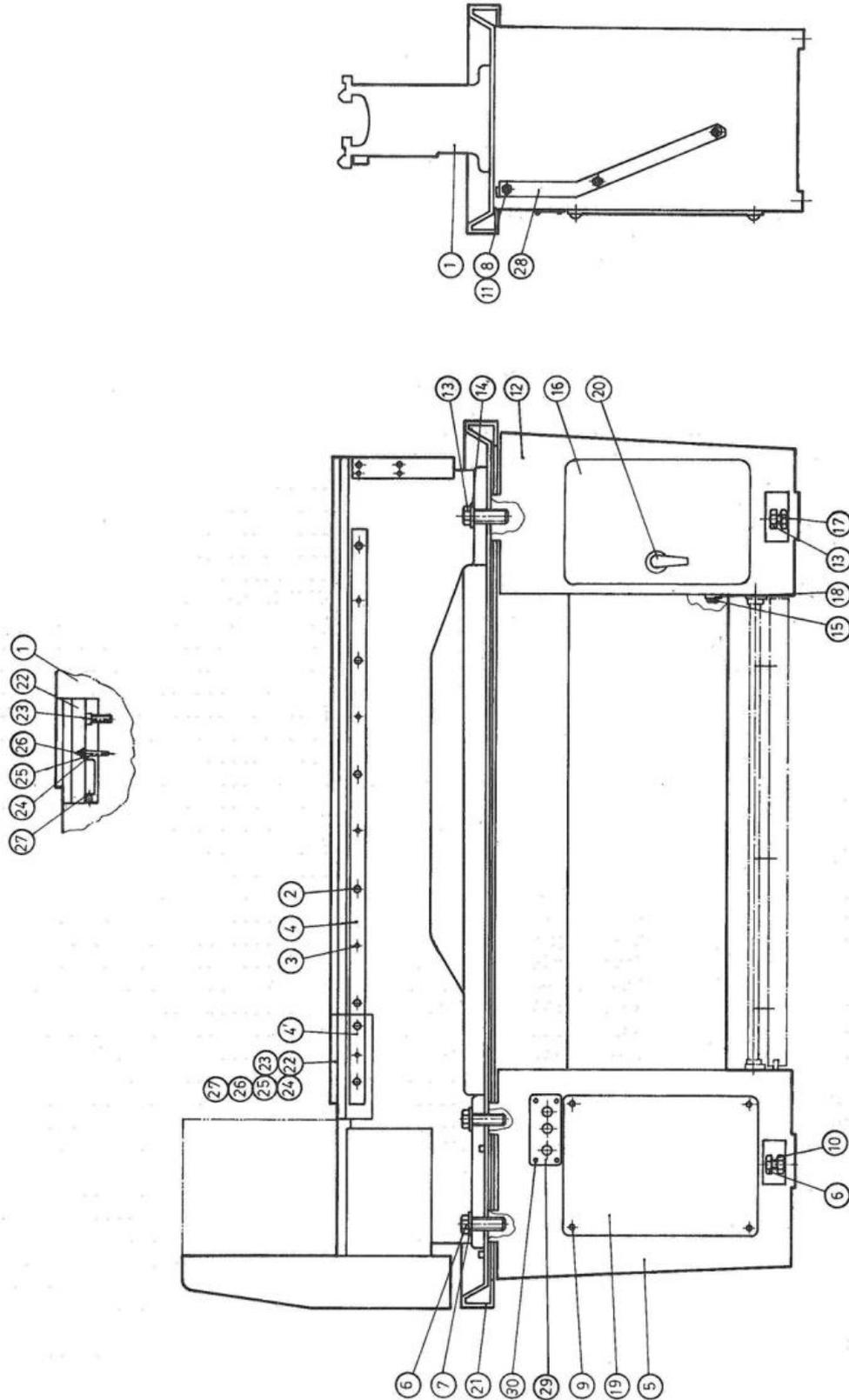
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BED ASSEMBLY (1/5)

Bed, Stand, and Chip Tray





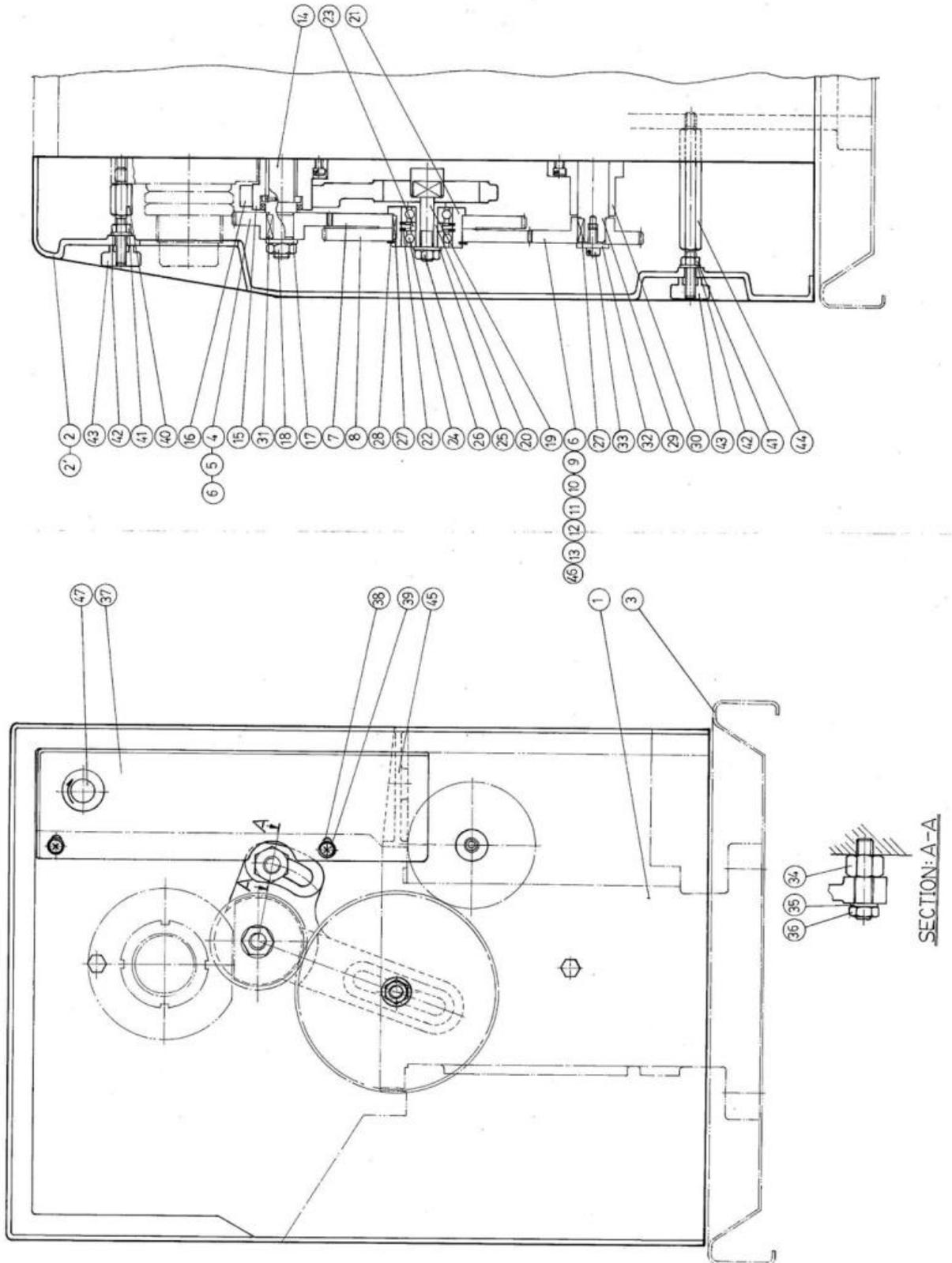
Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	13-0601A2-00	Bed	40"	1
1	11-0601D2	Bed	25"	1
2	11-0601D2-1	Socket Head Cap Screw	M6xP1.0X20L	7
3	11-0601D2-2	Spring Pin	5ØX30L	5
4	11-605A-02	Rack	25"	1
4	17-0615B-00	Rack (Left Hand)	40"	1
4	17-0615D-00	Rack (Right Hand)	40"	1
4	10-0605A-02	Rack (For Gap Block)		1
5	10-0625B-1/8-00	Left Side Cabinet (Casting)		1
6	10-0625B-1/8-00-1	Hex. Head Screw	M12XP1.5X50L	6
7	10-0625B-1/8-00-2	Spring Washer	M12	4
8	10-0625B-1/8-00-3	Hex. Head Screw	M6Xp1.0X10L	3
9	10-0625B-1/8-00-4	Cross Recessed Head Screw	M6XP1.0X8L	8
10	10-0625B-1/8-00-5	Hex. Nut	M12XP1.5	2
11	10-0625B-1/8-00-6	Spring Washer	M6	3
12	10-0625B-2/8-00	Right Side Cabinet (Casting)		1
13	10-0625B-2/8-00-1	Hex Head Screw	M12XP1.5X50L	4
14	10-0625B-2/8-00-2	Spring Washer	M12	2
15	10-0625B-2/8-00-3	Hex Head Screw	M6XP1.0X10L	3
16	10-0625A-10/10-01	Right Side Door		1
17	10-0625A-2/8-00-5	Hex Nut	M12XP1.5	2
18	10-0625A-2/8-00-6	Spring Washer	M6	3
19	10-0625A-3/8-00	Front Cover (L.H. Cabinet)		1
20	10-0625A-7/9	Handle		1
21	10-0626C-00	Chip Tray	25"	1
21	10-626D-00	Chip Tray	40"	1
22	13-0634	Gap Block		1
23	10-0634-1	Soc. Hd. Cap Screw	M10XP1.5X20L	4
24	13-0634-2	Taper Pin w/Thread	#3X45L	2
25	13-0634-3	Spring Washer	M10	2
26	13-0634-4	Hex Nut	M6XP1.0	2
27	13-0634-5	Soc. Hd. Set Screw	M10XP1.5X12L	1
28	11-0630D	Connecting Plate	25"	1
28	13-0637A-00	Connecting Plate	40"	1
29	11-0771-00	Operation Panel		1
30	11-0771-00-1	Cross Recessed Head Screw	M5XP0.7X8L	4



BED ASSEMBLY - (2/5)

Change Gears and Guard





Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	18-0601-00	Bed		1
2	20-0616B-00	End Cover	20-01 Headstock	1
2	18-0616-00	End Cover	18-01 Headstock	1
3	10-0626D-00	Chip Tray		1
4	10-0607A-01	Gear	MP1.25X30T	1
5	18-0612A-00	Gear	MP1.25X56T	1
6	10-0607E-01	Gear	MP1.25X60T	2
7	11-0611C-00	Gear	MP1.25X120T	1
8	11-0611D-00	Gear	MP1.25X127T	1
9	10-0607D-01	Gear	MP1.25X54T	1
10	18-0612B-00	Gear	MP1.25X57T	1
11	18-0612C-00	Gear	MP1.25X63T	1
12	10-0607A-01	Gear	MP1.25X66T	1
13	18-0612D-00	Gear	MP1.25X78T	1
14	20-0140-00	Output Shaft		1
15	18-0141-00	Bracket		1
16	18-0606-00	Swing Frame		1
17	WRO1M12	Washer	M12	1
18	NTO1M12	Hex Nut	M12XP1..75	1
19	11-0608-00	Setting Bolt		1
20	11-0609-00	Sleeve		1
21	11-0611A-00	Change Gear Brg. Hsg.		1
22	RRO2RW40	Retaining Ring (Internal)	RTW#40X1.75t	2
23	11-0611B-00	Spacer		1
24	RB6203	Dp. Groove Ball Bearing	#6203	2
25	WRO1M10	Washer	M10	1
26	NTO1M10	Hex Nut	M10XP1.5	1
27	KYO36X6X18	Double Round Head Key	6X6X18	2
28	RRO1STW55	Retaining Ring (External)	STW#55X2t	1
29	20-0202-00	Input Shaft		1
30	20-0228-00	Bracket		1
31	KYO25X5X18	Single Round Head Key	3X5X18L	1
32	14-0628-00	Washer		1
33	SWO2M6X16	Socket Head Cap Screw	M6XP1.0X16L	1
34	18-0613-00	Clamping Bolt		1
35	WRO1M12	Washer	M12	1



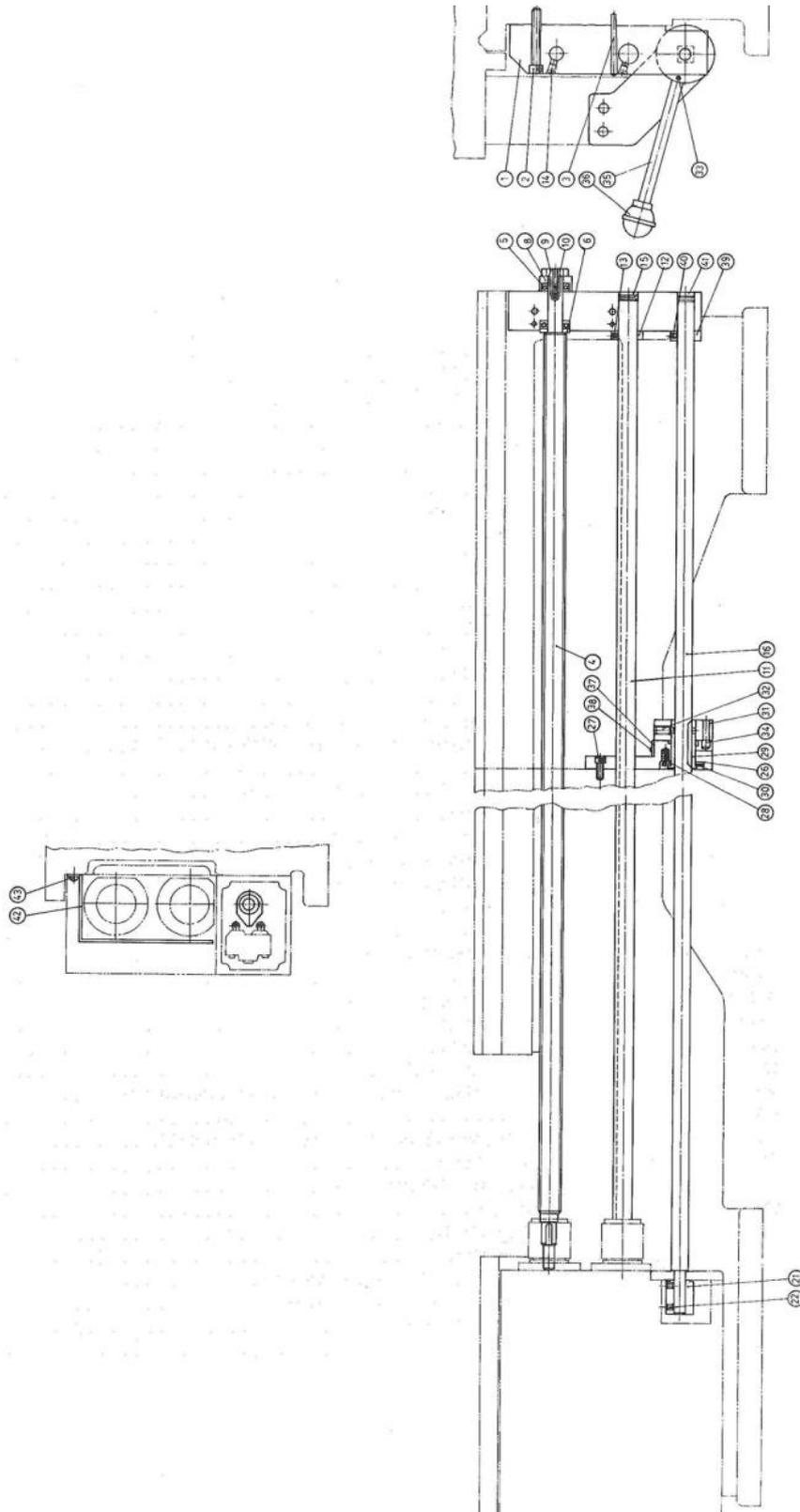
Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
36	NTO1M112	Hex Nut	M12XP1.75	1
37	20-0654B-01	Safety Switch Cover	20-01 Headstock	1
38	WRO1M5	Washer		1
39	SWO4M5X8	Cross Recessed Hd. Scr	M5XP0.8X8L	3
40	10-0619B-00	Position Stud		1
41	NTO1M8	Hex Nut	M8XP1.25	2
42	WRO1M8	Washer	M8	2
43	17-0476B-00	Clamping Knob		2
44	10-0619C-00	Position Stud		1
45	18-0660B00V	Cover	20-01 Headstock	1
45	18-0660-00	Cover	18-01 Headstock	1
46	18-0612E-00	Gear	MP1.25X69T	1
47	18-0661-00-1	Emergency Button		1



BED ASSEMBLY – (3/5)

Shafts, Bracket, and Switch Linkage





Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	10-0602C-00	Bracket		1
2	10-0602C-00-1	Socket Head Cap Screw	M8XP1.25X55L	2
3	10-0602C-00-2	Taper Pin	#5X64L	2
4	18-0603VC-00-1/2	Lead Screw (Metric)	25"	1
4	18-0603VC-00-2/2	Lead Screw (Imperial)	25"	1
4	18-0603VD-00-1/2	Lead Screw (Metric)	40"	1
4	18-0603VD-00-2/2	Lead Screw (Imperial)	40"	1
5	10-0603VB-00-1	Thrust Bearing	#51102	2
6	17-0618-00	Spacer		1
8	17-0620-00	Bearing Cover		1
9	17-0621-00	Lock Screw		1
10	17-0621-00-1	Socket Head Set Screw	M6XP1.0X20L	1
11	11-0604VC-00	Feed Rod	25"	1
11	18-0604VD-00	Feed Rod	40"	1
12	10-0657-00	Setting Collar		1
13	10-0657-00-1	Socket Head Set Screw	M5XP0.8X16L	1
14	10-0602C-00-3	Ball Cup	1/4"Ø	1
15	11-0620B	Plug		1
16	18-0656C-01	Starter Rod (Third)	25"	1
16	18-0656D-01	Starter Rod	40"	1
21	14-0611-00	Cam		1
22	14-0611-00-1	Socket Head Set Screw	M5XP0.8X8L	2
26	10-0639C-00	Bracket		1
27	10-0639C-00-1	Socket Head Set Screw	M8XP1.25X16L	2
28	10-0639C-00-2	Compression Spring	1.0ØX7.3X20L	3
29	17-0631-00	Sleeve		1
30	17-0632-00	Thrust Piece		1
31	17-0633-00	Gated Block		1
32	17-0633-00-1	Socket Head Set Screw	M8XP1.25X20L	2
33	17-0633-00-2	Spring Pin	3ØX18L	1
34	17-0634-00	Position Setting Pin		1
35	17-0635-00	Spindle Control Lever		1

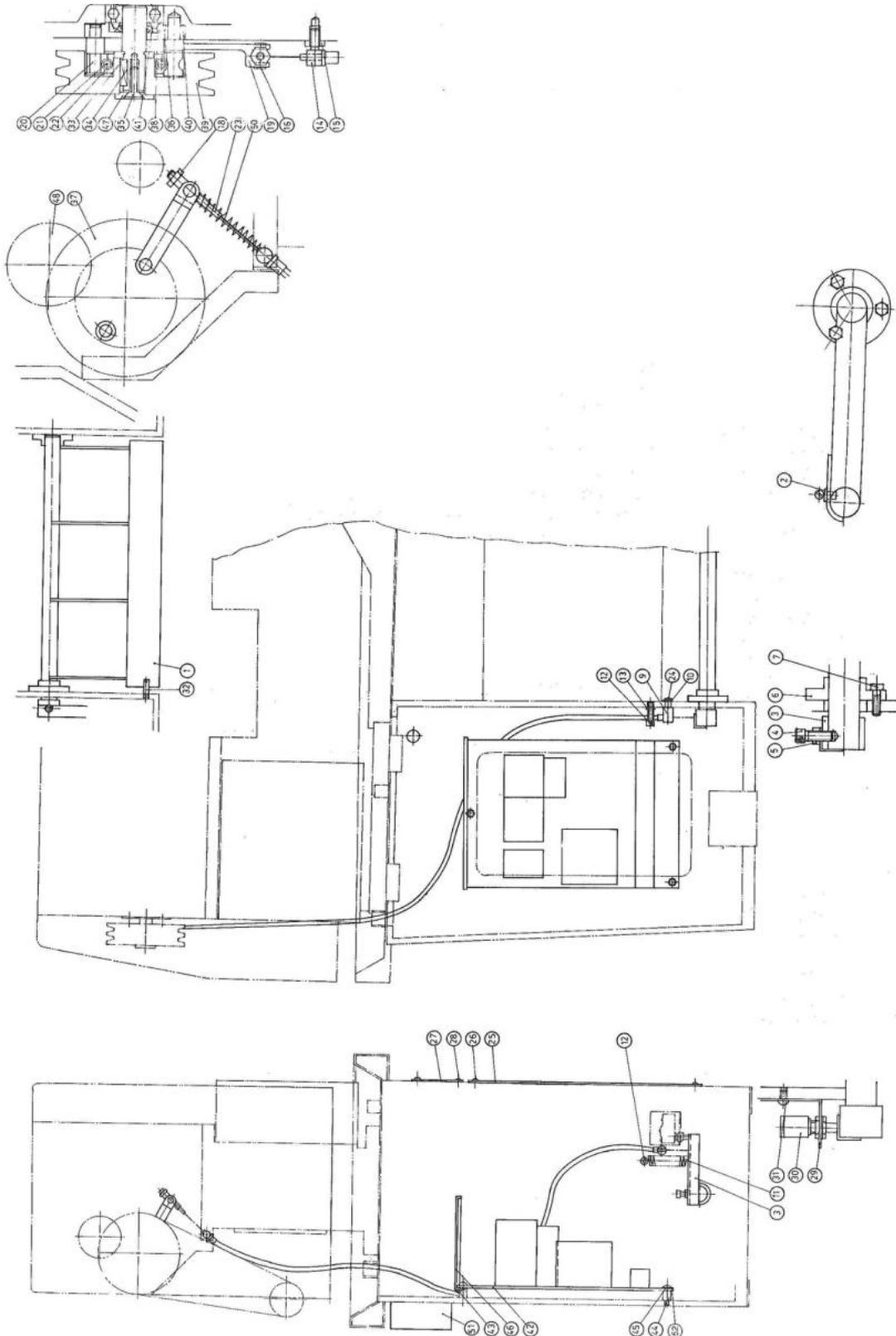


Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
36	17-0659-00	Spherical Knob		1
37	17-0678-00	Spindle Rev. Indicator		1
38	17-0678-00-1	Button Head Rivet	2ØX5L	2
39	10-0647-01	Setting Collar		1
40	10-0647-00-1	Socket Head Set Screw	M6XP1.0X8L	1
41	14-0619-00	Plug		1
42	10-0660-00	Clutch Guard		1
43	10-0660-00-1	Cross Rec. Head Screw	M5XP0.8X10L	2

BED ASSEMBLY – (4/5)

Brake Unit





Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	10-0901B-00	Brake Pedal	Model 1325	1
1	10-0901D-00	Brake Pedal	Model 1340	1
2	10-0901D-00-1	Rubber Pad	6.5Ø	1
3	10-0902-00	Brake Arm		1
4	10-0902-00-1	Socket Head Cap Scr.	M8XP1.25X25L	1
5	10-0902-00-2	Hex Nut	M8XP1.25	1
6	10-0903-00	Flange		2
7	10-0903-00-1	Hex Head Screw	M6XP1.0X16L	6
9	10-0904-00	Strut		1
10	10-0904-00-1	Spring Washer	M8	1
11	10-0905-00	Extension Spring		1
12	10-0905-00-1	Socket Head Cap Scr.	M8XP1.25X30L	1
13	10-0905-00-2	Hex Nut	M8XP1.25	1
14	10-0906-00	Fixing Screw		1
15	10-0906-00-1	Hex Nut	M8XP1.25	1
16	10-0907-00	Connecting Pin		1
17	10-0907-00-1	E-Ring	#8	1
18	10-0908-00	Adjusting Nut		1
19	10-0909-00	Oscillation Arm		1
20	10-0910-00	Supporting Pin		1
21	10-0911-00	Extension Spring		2
22	10-0912-00	Brake Shoe		2
23	10-0913-00	Brake Wire		1
24	10-0914-00-2	Hex Nut	M8XP1.25	1
25	10-0625-3/8-00	Front Cover	Left Hand Cabinet	1
26	10-0625-3/8-00-1	Cross Rec. Head Screw	M6XP1.0X8L	4
27	11-0771-00	Operation Panel		1
28	11-0771-00-1	Cross Rec. Head Screw	M4XP0.7X5L	4
29	11-0752-00	Limit Switch Sup. Plate		1
30	11-0752-00-1	Limit Switch	Z15GQ-13, AM1307	1
31	11-0752-00-2	Cross Rec, Head Screw	M6XP1.0X8L	2
32	10-0525-00	Stopping Screw		1
33	10-0133A-01	Input Shaft		1
34	10-0133A-01-3	Dbl. Round Head Key	5X5X22L	1
35	10-0133A-01-5	Countersunk Flat Screw	M8XP1.25X25L	1



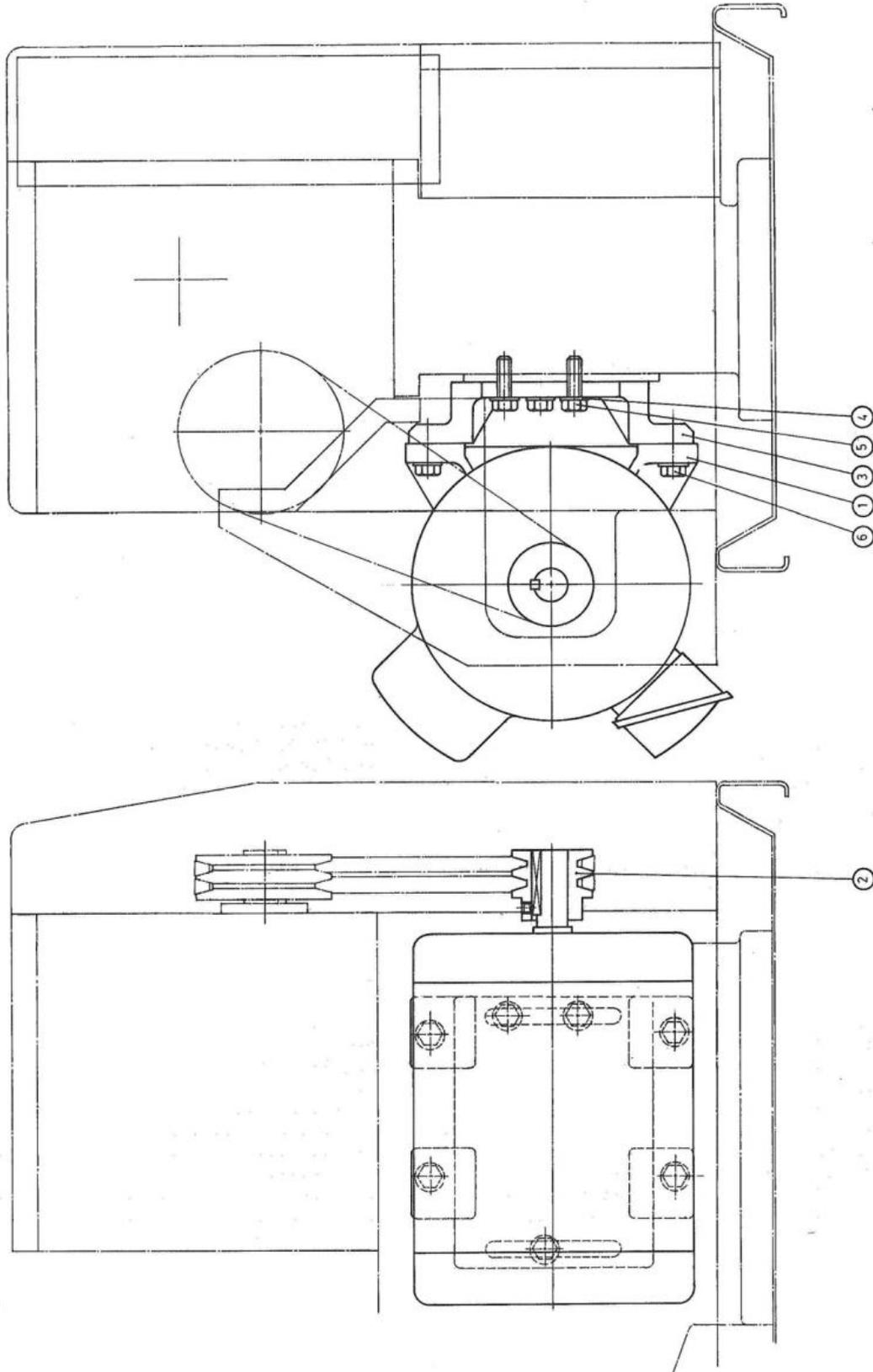
Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
36	10-0137B-00	Bearing Cover	M/C with Brake Only	1
37	10-0137B-00-1	Socket Head Cap Screw	M6XP1.0X12L	3
38	10-0137B-00-2	Oil Seal	TC 204007	1
39	10-0138B-00	Pulley	M/C with Brake Only	1
40	10-0183-00	Packing		1
41	10-0101-01-15	Deep Groove Ball Bearing	#6204	1
42	11-0768-00	Switch Gear Mtg. Plate		1
43	11-0768-00-1	Cross Rec. Head Screw	M4XP0.7X7L	2
44	11-0769-00	Bolt		3
45	11-0769-00-1	Hex Nut	M6XP1.0	3
46	11-0770-00	Switch Gear Guard		1
47	10-0133D-01	Washer		1
48	10-0124-01	Bearing Cover		1
50	10-0914-00	Compression Spring		1
51	11-0773-01	Wire Connecting Box		1



BED ASSEMBLY - (5/5)

Drive Unit





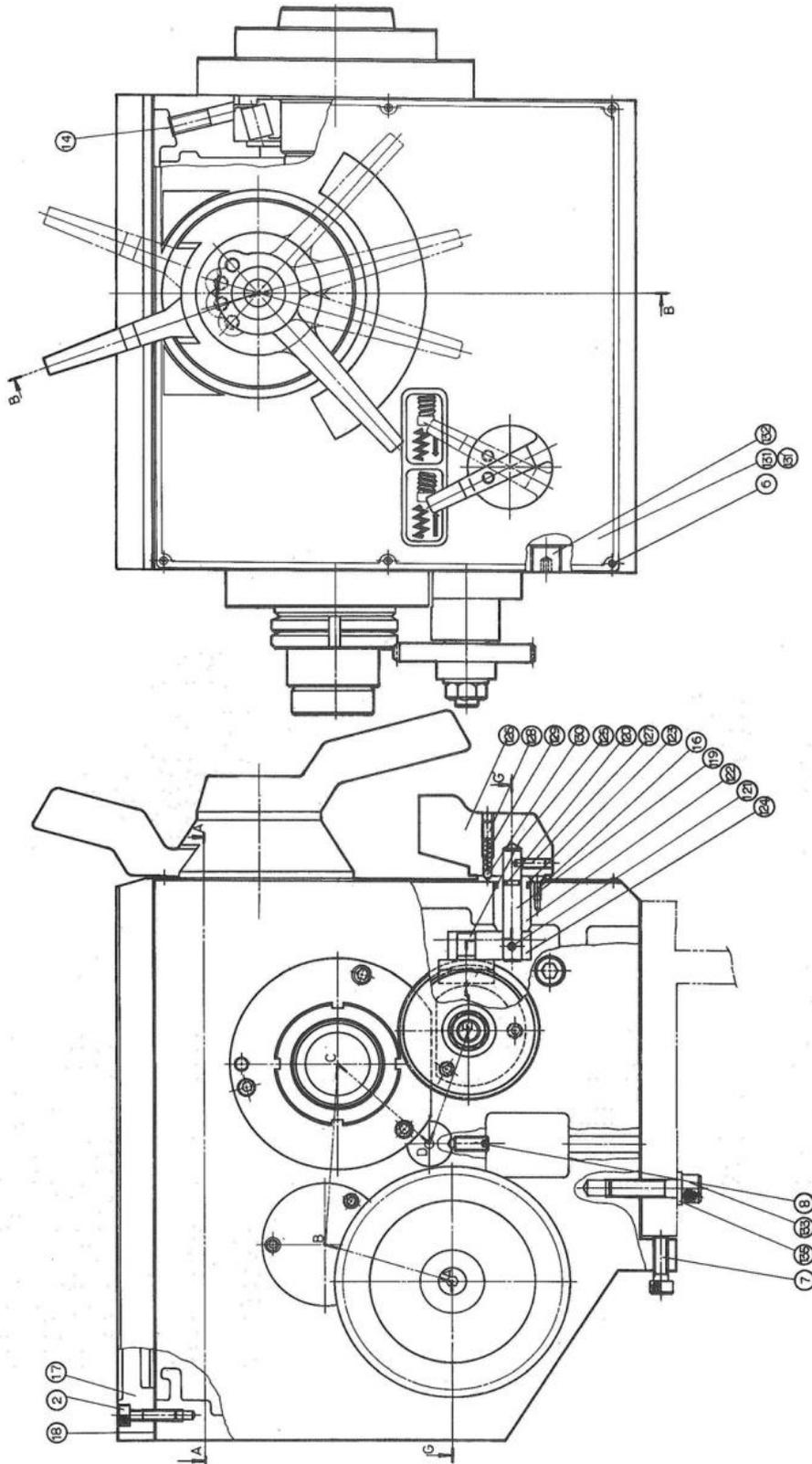
Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	11-0716	Motor	2Hp, 1Ph, 60Hz	1
1	11-0716	Motor	2Hp, 1Ph, 50Hz	1
2	11-0742A	Motor Pulley	60Hz	1
2	11-0742C	Motor Pulley	50Hz	1
3	11-0772A-00	Motor Mounting Plate	2Hp, 1Ph	1
4	11-0772B-00-1	Washer	M10	3
5	11-0772B-00-2	Hex Head Screw	M10XP1.5X30L	3
6	11-0772B-00-3	Hex Head Screw	M10XP1.5X35L	4



HEADSTOCK ASSEMBLY – (1/5)

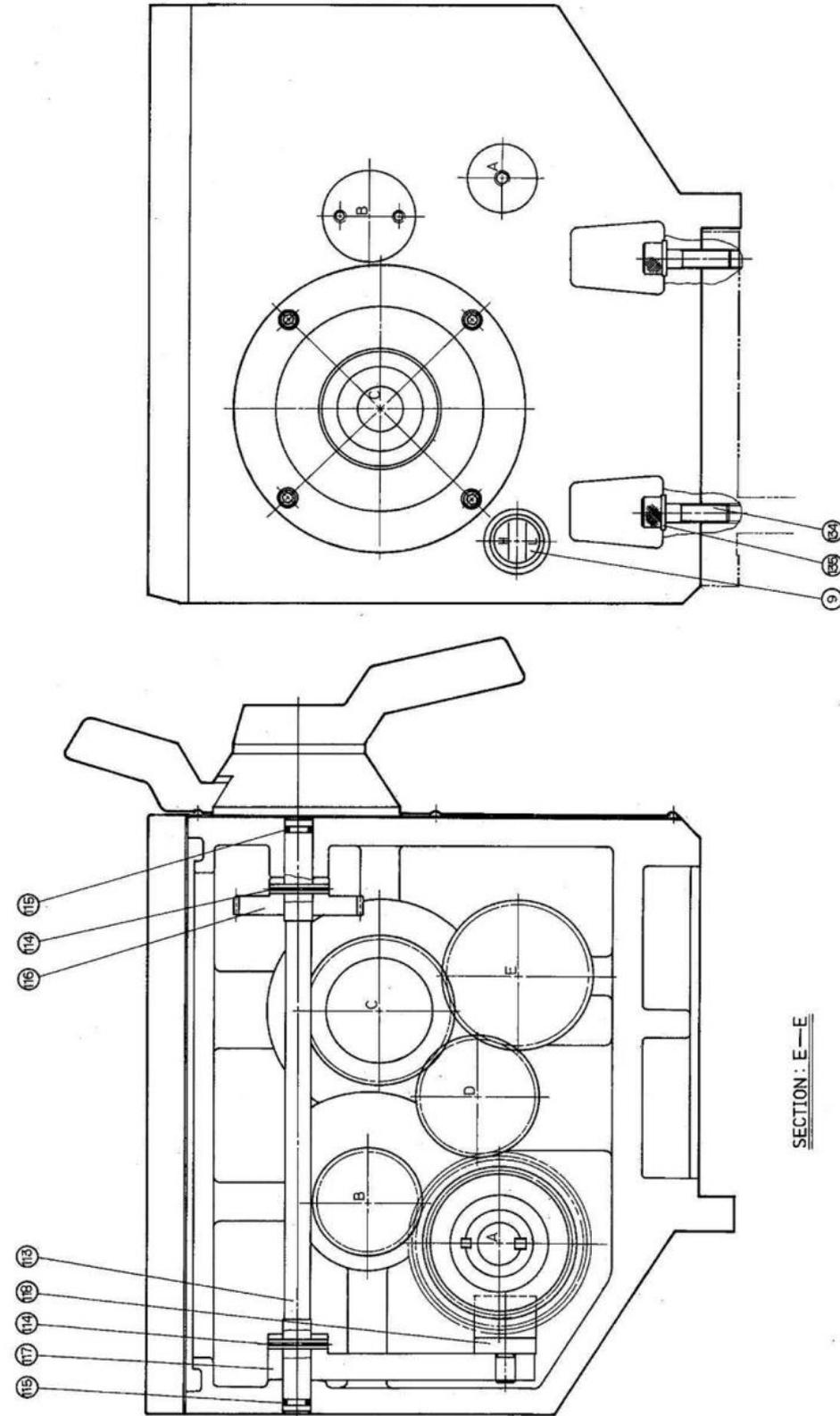
13" (330mm) Swing Over Bed





HEADSTOCK ASSEMBLY - (2/5)

13" (330mm) Swing Over Bed

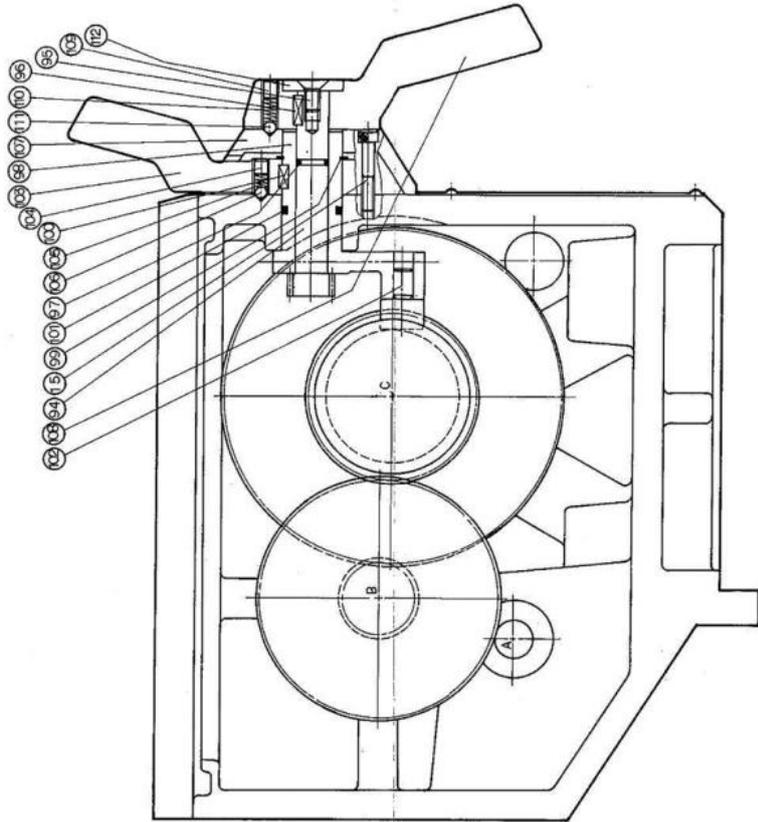


SECTION : E—E

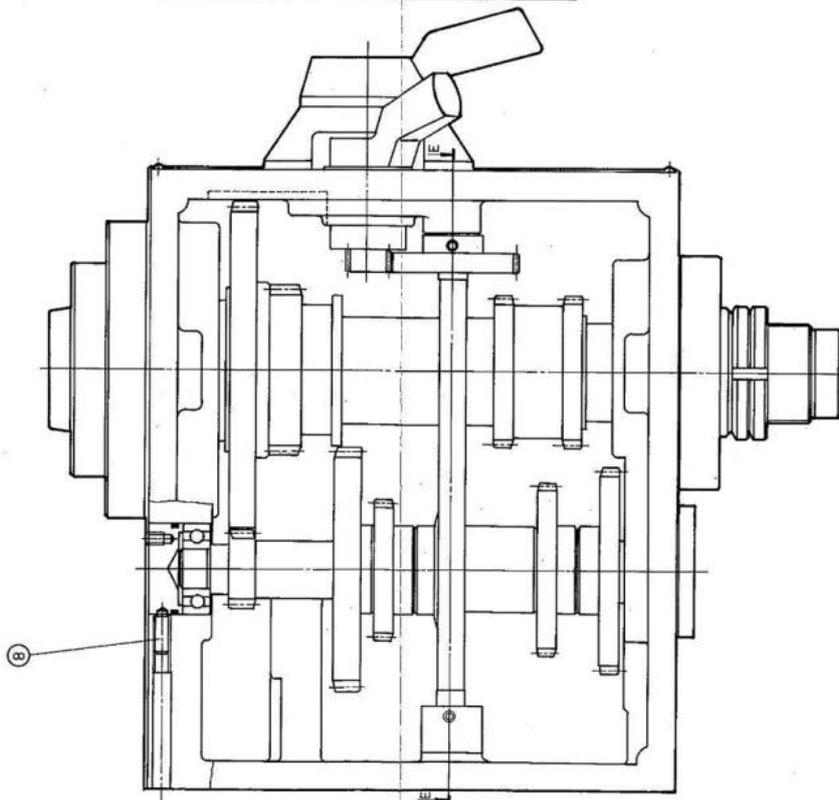


HEADSTOCK ASSEMBLY - (3/5)

13" (330mm) Swing Over Bed



SECTION: B-B

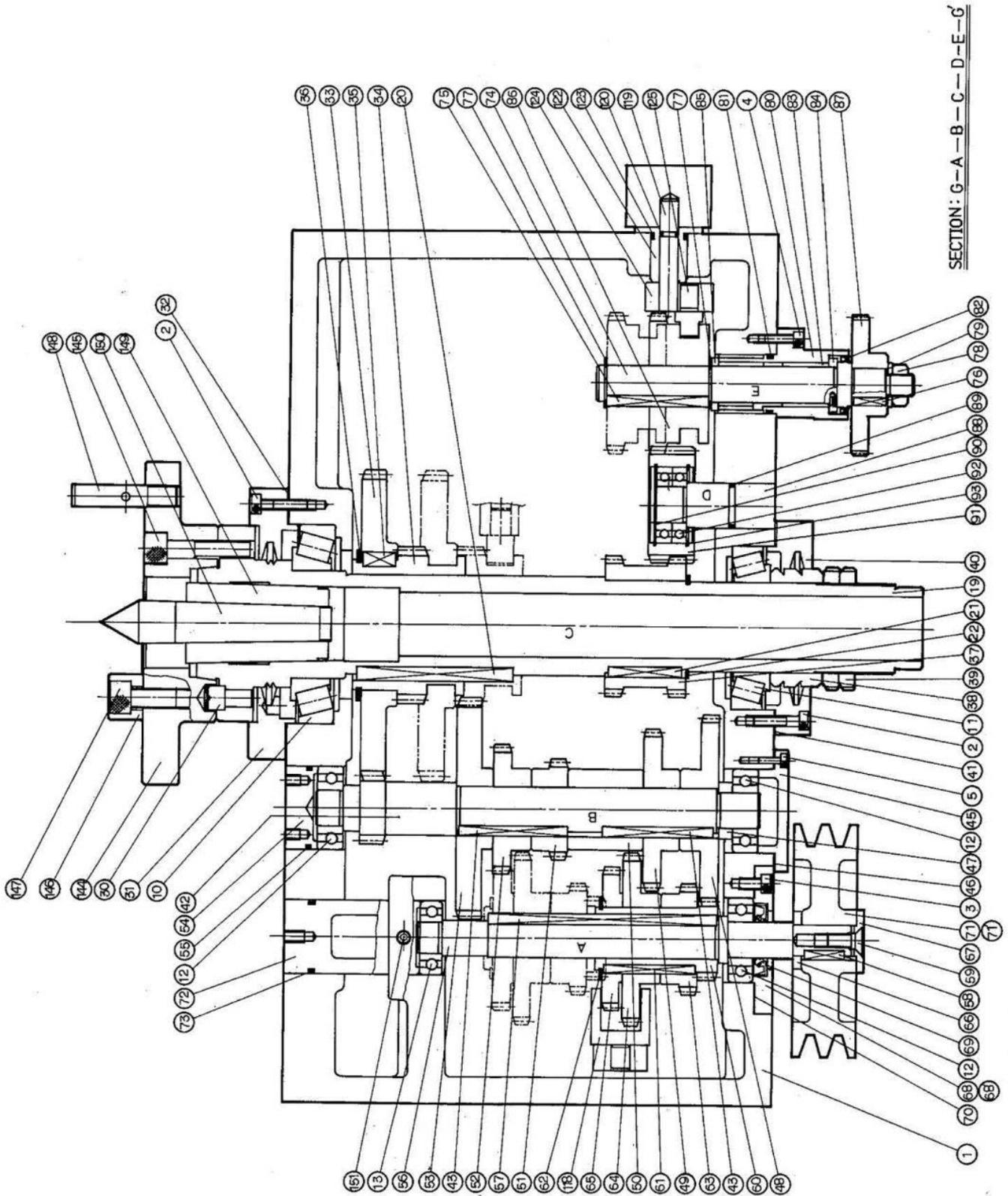


SECTION: A-A



HEADSTOCK ASSEMBLY - (4/5)

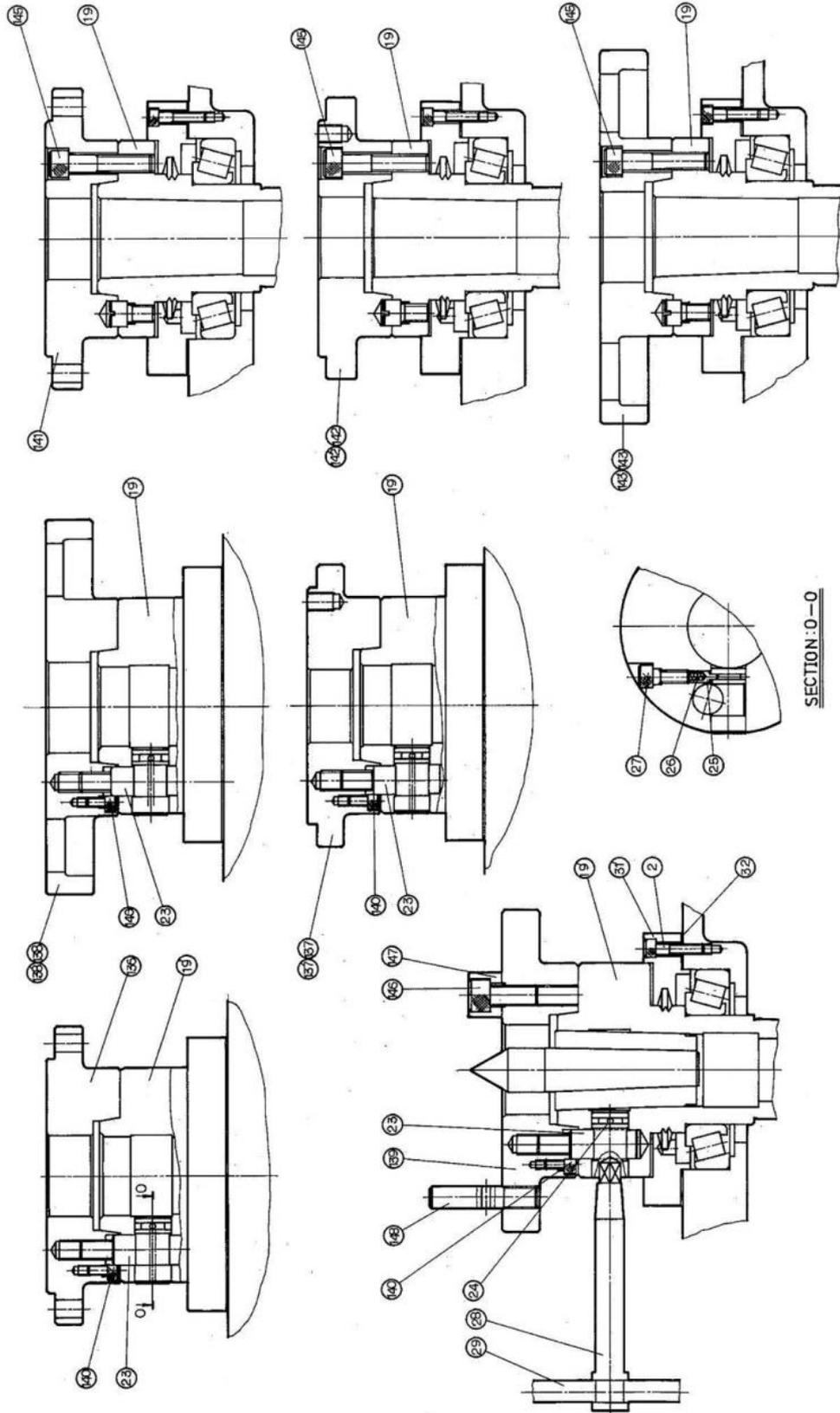
13" (330mm) Swing Over Bed





HEADSTOCK ASSEMBLY - (5/5)

13" (330mm) Swing Over Bed





Headstock Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	20-0101-00	Headstock Casting		1
2	20-0101-00-1	Socket Head Cap Screw	M6XP1.0X25L	11
3	20-0101-00-2	Socket Head Cap Screw	M6XP1.0X12L	3
4	20-0101-00-3	Socket Head Cap Screw	M5XP0.8X16L	3
5	20-0101-00-4	Socket Head Cap Screw	M4XP0.7X12L	3
6	20-0101-00-5	Button Head Rivet	2ØX5L	6
7	20-0101-00-6	Socket Head Cap Screw	M8XP1.25X25L	2
8	20-0101-00-7	Socket Head Set Screw	M8XP1.25X20L	2
9	20-0101-00-8	Oil Sight Glass	HE#30	1
10	20-0101-00-9	Taper Roller Bearing	(Front) #30212	1
11	20-0101-00-10	Taper Roller Bearing	(Rear)#30210	1
12	20-0101-00-11	Dp. Groove Ball Bearing	#6204	3
13	20-0101-00-12	Dp. Groove Ball Bearing	#6203	1
14	20-0101-00-13	Copper Pipe	3/8"X22"	2
15	20-0101-00-14	Socket Head Cap Screw	M6XP1.0X35L	2
16	20-0101-00-15	Countersunk Flat Screw	M4XP0.7X10L	2
17	20-0102-00	Headstock Cover		1
18	20-0103-00	Packing		1
19	20-0104A-00	Spindle (Nose)	A2-4	1
19	20-0104B-00	Spindle (Nose)	D1-4	1
20	20-0104B-00-1	Dbl. Round Head Key	8X7X85L	1
21	20-0104B-00-2	Dbl. Round Head Key	6X6X40L	1
22	20-0104B-00-3	Retaining Ring (Exter.)	STW#50	1
23	10-0105-00	Cam Lock Stud		3
24	10-0106-00	Cam		3
25	10-0107-00	Detent Plunger		3
26	10-0108-00	Detent Spring		3
27	10-0109-00	Detent Screw		3
28	10-0110-00	Cam Drive Key	D1-4 Spindle	1
29	10-0111-00	Key Grip	D1-4 Spindle	1
30	10-0112-00	Position Setting Pin	A2-4 Spindle	1
31	10-0113A-00	Bearing Cover (Front)	A2-4 Spindle	1
31	10-0113B-00	Bearing Cover (Front)	D1-4 Spindle	1
32	10-0114-00	Packing		1
33	20-0115-00	Gear	M2.25X74T	1



Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
34	20-0116-00	Gear	M2.25X37T	1
35	20-0116-00-1	Dbl. Round Head Key	8X7X18L	1
36	20-0116-00-2	Retaining Ring (Exter.)	STW#72	1
37	20-0118-00	Gear	M2X37T	1
38	10-0119-00	Spacer		1
39	10-0120-00	Bearing Locking Nut		2
40	20-0121-01	Bearing Cover (Rear)		1
41	20-0122-00	Packing		1
42	20-0123-00	Gear Shaft	M2.25X16T	1
43	20-0123-00-1	Dbl. Round Head Key	6X6X60L	2
45	20-0124-01	Bearing Cover		1
46	10-0125-00	Packing		1
47	20-0126-00	Spacer		1
48	20-0127-00	Gear	M2X51T	1
49	20-0128-00	Gear	M2X43T	1
50	20-0129-00	Spacer		1
51	20-0130-00	Gear	M2X26T	1
52	20-0131-00	Gear	M2X34T	1
53	20-0132-00	Gear	M2.25X53T	1
54	20-0133-00	Bearing Plug		1
55	20-0133-00-1	O-Ring	W3.0Xd39.4	1
56	20-0134-00	Input Shaft		1
57	20-0134-00-1	Dbl. Round Head Key	6X6X125L	1
58	20-0134-00-2	Dbl. Round Head Key	5X5X25L	1
59	20-0134-00-3	Countersunk Flat Screw	M8XP1.25X20L	1
60	20-0135-00	Gear	M2X21T	1
61	20-0135-00-1	Dbl. Round Head Key	5X5X50L	1
62	20-0135-00-2	Retaining Ring (Exter.)	STW#35	1
63	20-0136-00	Gear	M2X29T	1
64	20-0137-00	Gear	M2X46T	1
65	20-0138-00	Gear	M2X38T	1
66	10-0133C-01	Spacer		1
67	10-0133D-01	Washer		1
68	10-0137-02	Bearing Cover	Normal	1
68	10-0137B-00	Bearing Cover	M/C w/brake	1



Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
69	10-0137-02-1	Oil Seal	TC 20X40X7	1
70	10-0185-00	Packing		1
71	10-0138-01	Pulley	(Normal)	1
71	10-0138B-00	Pulley	M/C with brake only	1
72	20-0139-01	Bearing Plug		1
73	20-0139-01-1	O-Ring (G35)	W3.1Xd34.4	1
74	20-0140-00	Output Shaft		1
75	20-0140-00-1	Dbl. Round Head Key	6X6X50L	1
76	20-0140-00-2	Single Rnd. Head Key	5X5X18L	1
77	20-0140-00-3	Retaining Ring (Exter.)	STW#20	2
78	20-0140-00-4	Hex Nut	M12XP1.75	1
79	20-0140-00-5	Washer	M12	1
80	20-0141-00	Bracket		1
81	20-0141-00-1	O-Ring	W2.4Xd27.7	1
82	20-0140-00-2	Oil Seal	VC24X32X40	1
83	17-0140B-00	Oilite Bushing		2
84	17-0141-00	Spacer		1
85	20-0160-00	Spacer		1
86	20-0142-00	Gear	M2X37T	1
87	10-0607E-01	Gear	M1.25X60T	1
88	20-0143-00	Shaft		1
89	20-0143-00-1	O-Ring	W2.4Xd20.8	1
90	20-0143-00-2	Retaining Ring (Exter.)	STW#20	1
91	20-0144-00	Gear	M2X30T	1
92	20-0144-00-1	Dp. Groove Ball Bearing	#16004	2
93	20-0144-00-2	Retaining Ring (Inter.)	RTW#42	2
94	20-0145-00	Pinion Shaft		1
95	20-0145-00-1	Countersunk Flat Screw	M8XP1.25X16L	1
96	20-0145-00-2	Dbl. Round Head Key	5X5X15L	1
97	20-0145-00-3	O-Ring	P12	1
98	20-0146-00	Speed Changing Arm		1
99	20-0146-00-1	Retaining Ring (Exter.)	STW#30	1
100	20-0146-00-2	Dbl. Round Head Key	5X5X15L	1
101	20-0146-00-3	O-Ring	P24	1
102	20-0147-00	Shifting Block		1



Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty
103	20-0148-00	Spd. Changing Lever		1
104	20-0148-00-1	Socket Head Set Screw	M8XP1.25X8L	1
105	20-0148-00-2	Compression Spring	d6X18L	1
106	20-0148-00-3	Steel Ball	1/4"Ø	1
107	20-0149-00	Speed Changing Base		1
108	20-0150-00	Speed Changing Lever		1
109	20-0150-00-1	Socket Head Set Screw	M8XP1.25X10L	1
110	20-0150-00-2	Compression Spring	d6X25L	1
111	20-0150-00-3	Steel Ball	1/4"Ø	1
112	20-0151-00	Washer		1
113	20-0152-00	Shaft		1
114	20-0152-00-1	Spring Pin	5ØX30L	2
115	20-0152-00-2	O-Ring	P10A	2
116	20-0153-00	Gear	M1.25X51T	1
117	20-0154-00	Speed Changing Arm		1
118	20-0155-00	Shifting Fork		1
119	20-0156-00	Shaft		1
120	20-0156-00-1	O-Ring	W1.9Xd6	1
121	20-0156-00-2	Spring Pin	4ØX19L	1
122	20-0157-00	Speed Changing Sleeve		1
123	20-0157-00-1	O-Ring	W2.4Xd15.8	1
124	17-0167-00	Speed Changing Arm		1
125	20-0158-00	Shifting Block		1
126	17-0165-00	Feed Direction Selector		1
127	17-0165-00-1	Socket Head Set Screw	M6XP1.0X16L	1
128	17-0165-00-2	Socket Head Set Screw	M6XP1.0X10L	1
129	17-0165-00-3	Compression Spring	W6.8Xd4.6X19L	1
130	17-0165-00-4	Steel Ball	5Ø	1
131	20-0159A-00	Headstock Nameplate	M/C encl. Gear Box	1
131	20-0159B-00	Headstock Nameplate	M/C Open Gear Box	1
132	17-0273-00	Drain Plug		1
133	10-0601-00-1	Socket Head Cap Screw	M10XP1.5X40L	2
134	10-0601-00-2	Socket Head Cap Screw	M10XP1.5X35L	2
135	10-0601-00-3	Spring Washer	M10	4
136	10-0173-00	Chuck Back Plate	D1-4,6" 3-Jaw	1

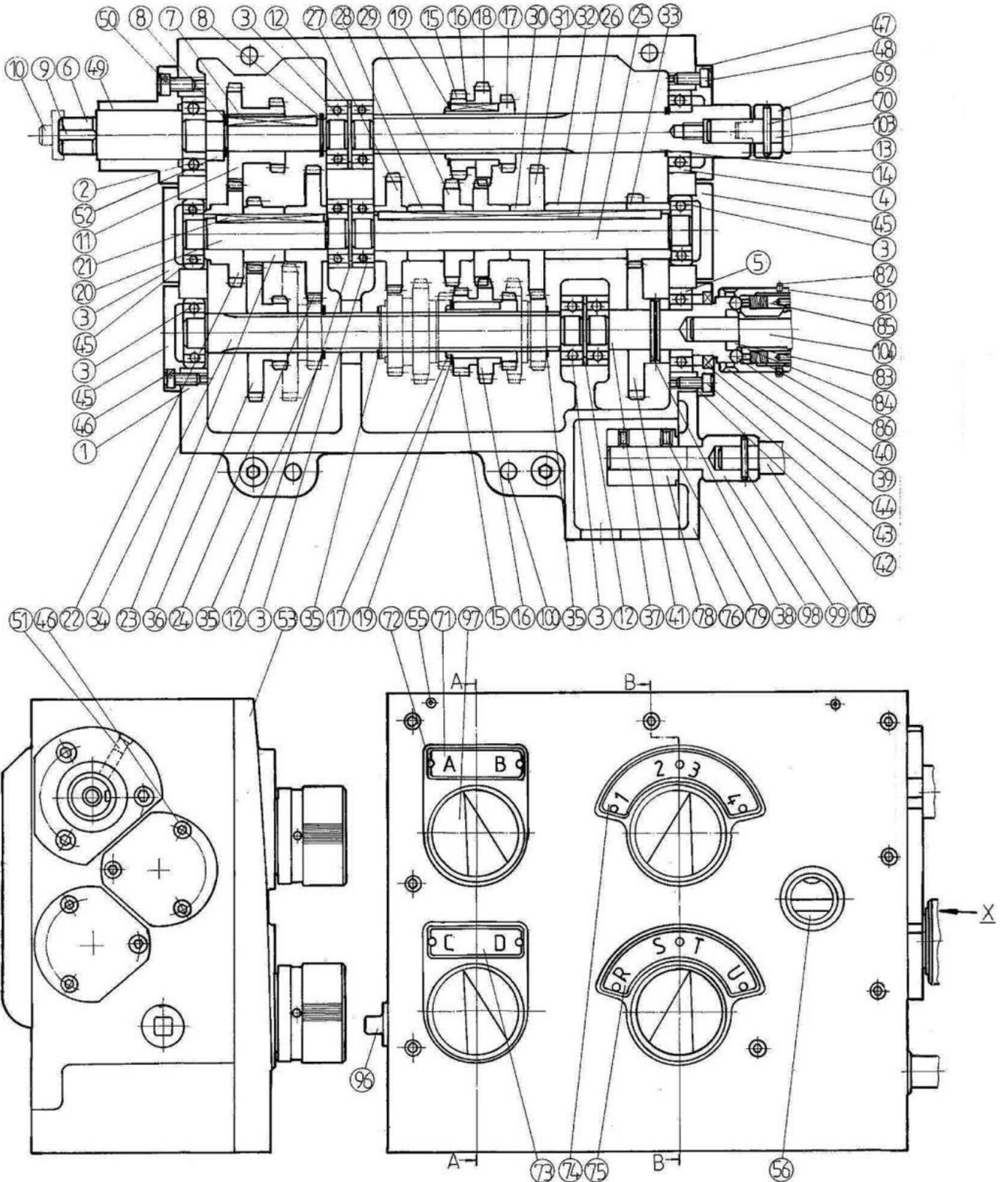


Bed Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
137	10-0174A-00	Chuck Back Plate	D1-4,6" 4-Jaw	1
137	10-0174B-00	Chuck Back Plate	D1-4,8" 4-Jaw	1
138	10-0177-00	Face Plate	D1-4, 8"	1
138	10-0183-00	Face Plate	D1-4 10"	1
139	17-0175A-00	Driving Plate	D1-4	1
140	17-0175A-00-1	Socket Head Cap Screw	1/4-20UNC	3
141	10-0175-00	Chuck Back Plate	A2-4,6" 3-Jaw	1
142	10-0176A-00	Chuck Back Plate	A2-4,6" 4-Jaw	1
142	10-0176B-00	Chuck Back Plate	A2-4,8" 4-Jaw	1
143	10-0178-00	Face Plate	A2-4, 8"	1
143	10-0184-00	Face Plate	A2-4, 10"	1
144	17-0175B-00	Driving Plate	A2-4	1
145	17-0175B-00-1	Socket Head Cap Screw	M10XP1.5X45L	4
146	17-0176-00	Driving Collar		1
147	17-0176-00-1	Socket Head Cap Screw	M12XP1.75X25L	1
148	17-0177-00	Driving Pin		1
149	11-0157B-00	Center Sleeve	Mt#5/3	1
150	11-0158B-00	Center	MT#3	1
151	20-0101-00-16	Socket Head Set Screw	M8XP1.25X10L	1

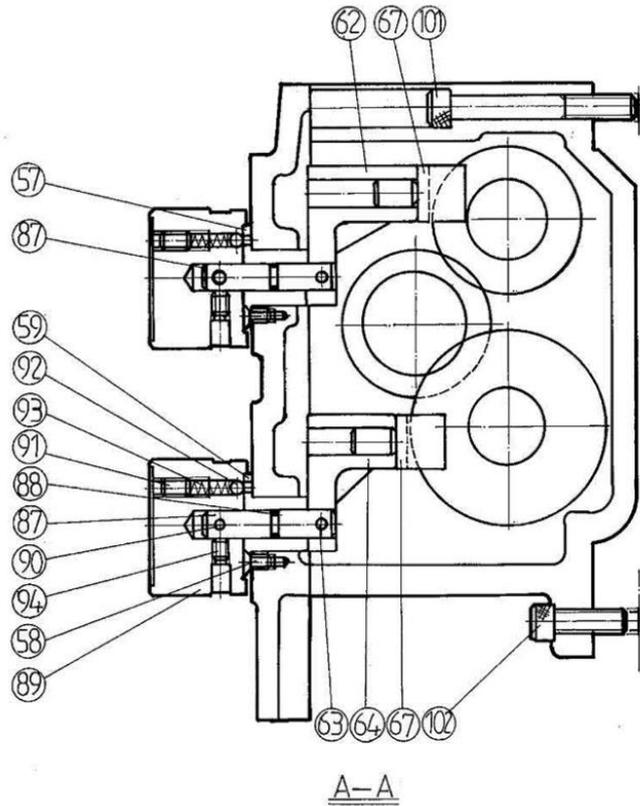
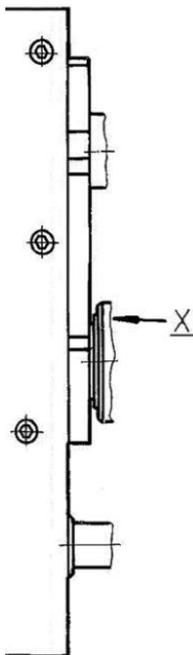
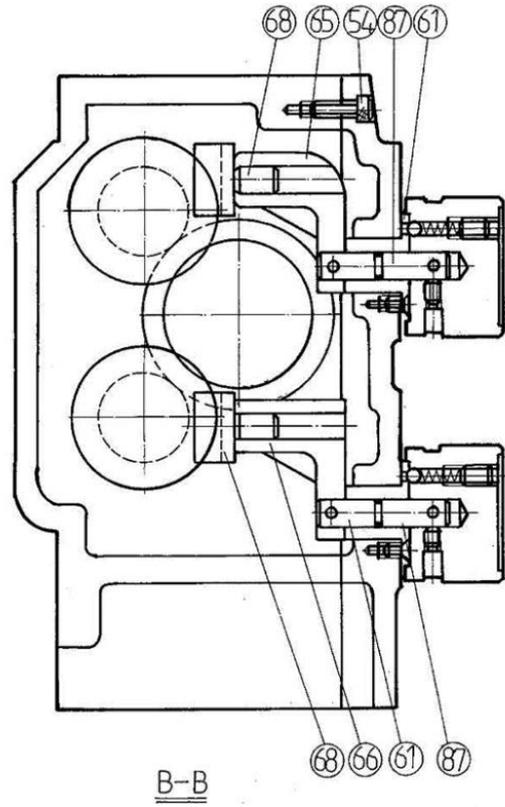
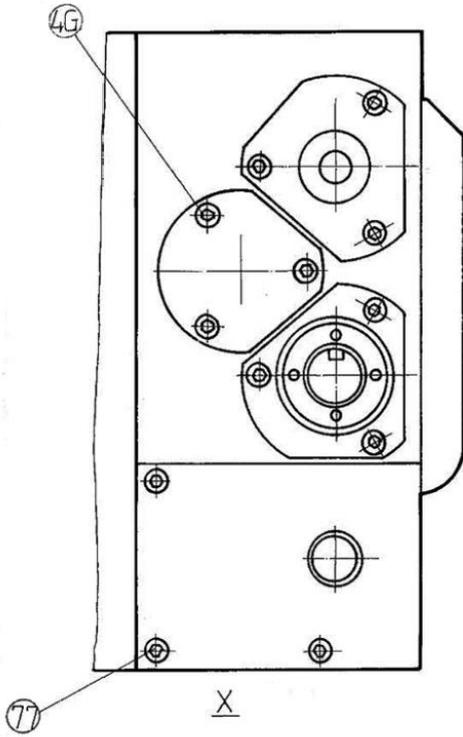


GEARBOX ASSEMBLY - (1/2)





GEARBOX ASSEMBLY - (2/2)





Gearbox Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	20-0201-00	Gear Box Casting		1
2	RB6203LLU	Deep Groove Ball Bearing	17ØX40ØX12	1
3	RB6202	Deep Groove Ball Bearing	15ØX35ØX11	9
4	RB6004LLU	Deep Groove Ball Bearing	20ØX42ØX12	1
5	RB6004Z	Deep Groove Ball Bearing	20ØX42ØX12	1
6	20-0202-00	Input Shaft		1
7	KY035X5X45	Dbl. Rnd. Hd. Parallel Key	5X5X45L	1
8	RR01STW16	Retaining Ring (External)	STW#16	2
9	KY025X5X18	Sgl. Rnd. Hd. Parallel Key	5X5X18L	1
10	SW02M6X16	Socket Head Cap Screw	M6XP1.0X16L	1
11	20-0203-00	Gear	M2X16T,24T	1
12	20-0204-00	Spacer		3
13	20-0205-00	Shaft		1
14	RR01STW20	Retaining Ring (External)	STW#20	1
15	20-0206-00	Gear	M1.75X24T	1
16	20-0207-00	Gear	M1.75X28T	2
17	20-0208-00	Gear	M2.0X18T	1
18	KY034X4X25	Dbl. Rnd. Hd. Parallel Key	4X4X25L	1
19	RR01STW27	Retaining Ring (External)	STW#27	1
20	20-0209-00	Shaft		1
21	KY034X4X55	Dbl. Rnd. Hd. Parallel Key	4X4X55L	1
22	20-0210-00	Gear	M2.0X24T	1
23	20-0211-00	Gear	M2.0X16T	1
24	20-0212-00	Gear	M2.0X32T	1
25	20-0213-00	Shaft		1
26	KY034X4X145	Dbl. Rnd. Hd. Parallel Key	4X4X145L	1
27	20-0214-00	Gear	M1.75X32T	1
28	20-0215-00	Spacer		1
29	20-0216-00	Gear	M1.75X30T	1
30	20-0217-00	Gear	M1.75X28T	1
31	20-0218-00	Gear	M2.0X30T	1
32	20-0219-00	Sleeve		1
33	20-0220-00	Gear	M2,0X16T	1
34	20-0221-00	Shaft		1
35	RR01STW20	Retaining Ring (External)	STW#20	1
36	20-0222-00	Gear	M2.0X32T	1



Gearbox Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
37	20-0223-00	Shaft		1
38	PN03Ø5x20	Spring Pin	5ØX20L	1
39	SW09M4X6L	Soc. Countersunk Screw	M4XP0.7X6L	2
40	SB01Ø6	Steel Ball	6Ø	2
41	20-0224-00	Gear	M2.0X32T	1
42	20-0225-00	Bearing Cover		1
43	SW02M5X12	Socket Head Cap Screw	M5XP0.8X12L	3
44	OSVC26X38X5	Oil Seal	VC26X38X5	1
45	20-0226-00	Bearing Cover		3
46	SW02M5X12	Socket Head Cap Screw	M5XP0.8X12L	9
47	20-0227-00	Bearing Cover		1
48	SW02M5X12	Socket Head Cap Screw	M5XP0.8X12L	1
49	20-0228-00	Bracket		1
50	SW02M6X12	Socket Head Cap Screw	M6XP1.0X12L	3
51	OC01Ø1/4"	Ball Cup	1/4"Ø	1
52	20-0229-00	Collar		1
53	20-0230A-00	Gear Box	Circular Type	1
53	20-0230B-00	Gear Box	Flat Type	1
54	SW02M5X16	Socket Head Cap Screw	M5XP0.8X16L	8
55	PN03Ø4X20	Spring Pin	4ØX20L	2
56	OSGHE#30	Oil Sight Glass	HE#30	1
57	20-0231-00	Speed Changing Sleeve		1
58	SW09M4X10L	Soc. Countersunk Screw	M4XP0.7X10L	8
59	20-0232-00	Speed Changing Sleeve		1
60	20-0233-00	Speed Changing Sleeve		1
61	20-0234-00	Speed Changing Sleeve		1
62	20-0235-00	Swing Arm		1
63	PN03Ø4X20	Spring Pin	4ØX20L	4
64	20-0236-00	Swing Arm		1
65	20-0237-00	Swing Arm		1
66	20-0238-00	Swing Arm		1
67	20-0239-00	Shifting Block		2
68	20-0240-00	Shifting Block		2
69	20-0241-00	Shaft Coupling		1
70	PN01Ø4X26	Parallel Pin	4ØX26L	1
71	20-0242-00	A-B Indicator		1
72	RT01Ø2X5	Button Head Rivet	2ØX5L	10

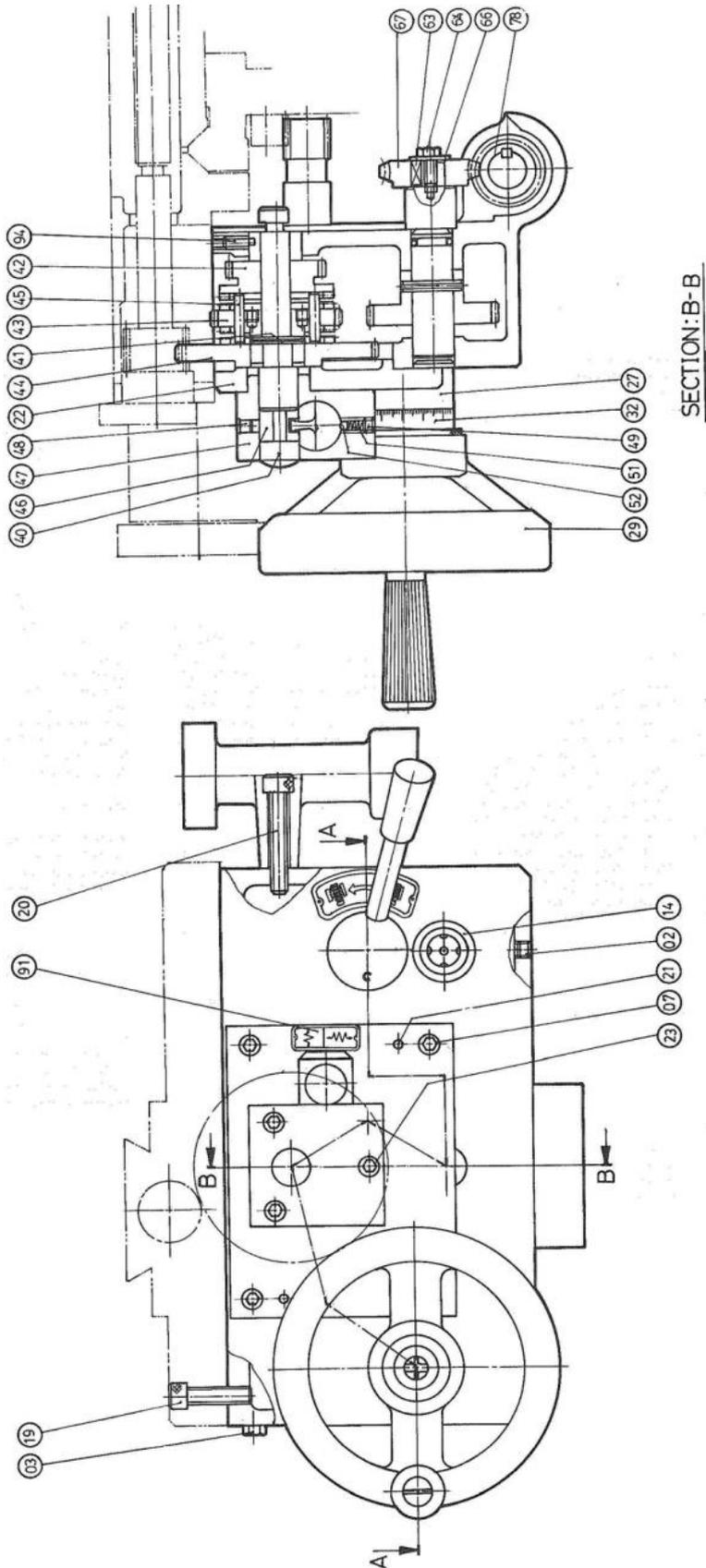


Gearbox Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
73	20-0243-00	C-D Indicator		1
74	20-0244-00	1-2-3-4 Indicator		1
75	20-0245-00	R-S-T-U Indicator		1
76	20-0248-00	Switch Cover		1
77	SW02M5X12	Socket Head Cap Screw	M5XP0.8X12L	3
78	17-0697-00	Cam		1
79	SW14M5X8	Soc. Set Screw (flat)	M5XP0.8X8L	2
80	LSBZ-2RW(822-T4J)	Limit Switch	BZ-2RW, 822-T4J	2
81	17-0234-00	Bush		1
82	SW14M4X4	Soc. Set Screw (flat)	M4XP0.7X4L	2
83	17-0235-00	Spacer		1
84	17-0236-00	Overload Sleeve		1
85	17-0238-00	Lock Nut		1
86	10-0286-00	Spring Leaf		10
87	10-0246-00	Speed Changing Sleeve		3
88	OR01P7	O-Ring (Piston Used)	P7XW19	4
89	28-0232-00	Knob		4
90	PN03Ø4X40	Spring Pin	4ØX40L	4
91	SW14M6X10	Soc. Set Screw (flat)	M6XP1.0X10L	4
92	SB01Ø5	Steel Ball	5Ø	4
93	SG02Ø0.8X4Ø.6X24L	Compression Spring	0.8ØX4.6ØX24L	4
94	SW14M6X8	Socket Head Cap Screw	M6XP1.0X8L	4
95	20-0249-00	Speed Changing Sleeve		1
96	17-0274-00	Drain Plug		1
97	50-0181-00	Indicator		1
98	20-0250-00	Coupling Shaft		1
99	PN01Ø3X22	Parallel Pin	3ØX22L	1
100	PN02#6X25	Taper Pin	#6X25L	2
101	SW02M8X65	Socket Head Cap Screw	M8XP1.25X65L	2
102	SW02M8X25	Socket Head Cap Screw	M8XP1.25X25L	2
103	18-0603D1/2	Lead Screw (Metric)	40"(1,016mm)	1
103	18-0603D2/2	Lead Screw (Imperial)	40"	1
105	18-0656C-00	Third Rod for Spin. Ctrl.	25" (635mm)	1
105	18-0656D-00	Third Rod for Spin. Ctrl.	40" (1,016mm)	1

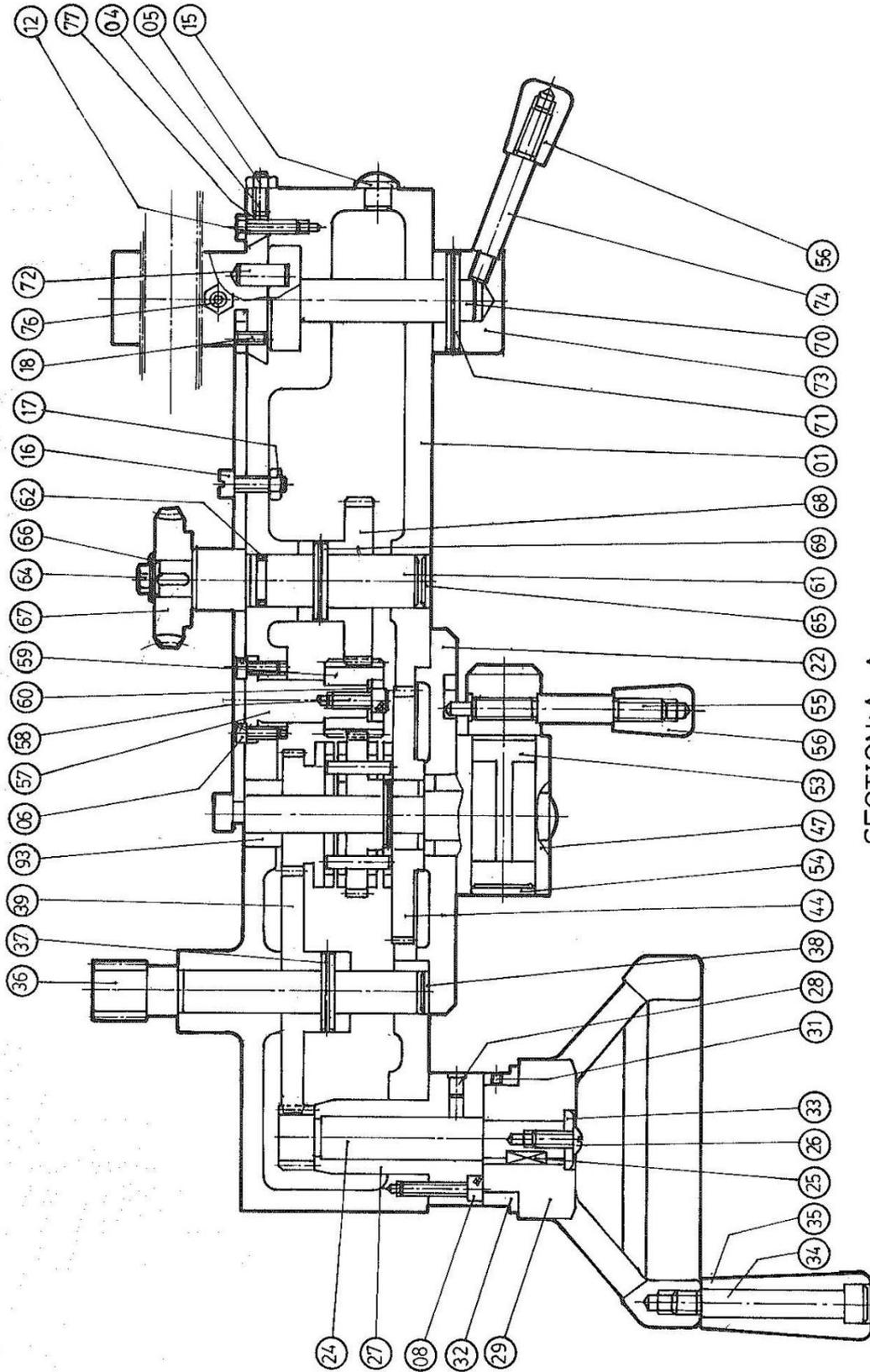


APRON ASSEMBLY - (1/4)

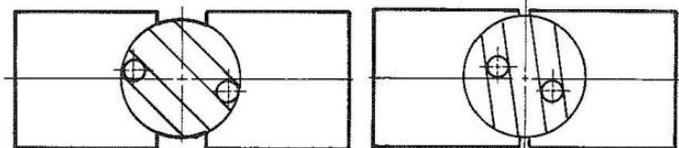
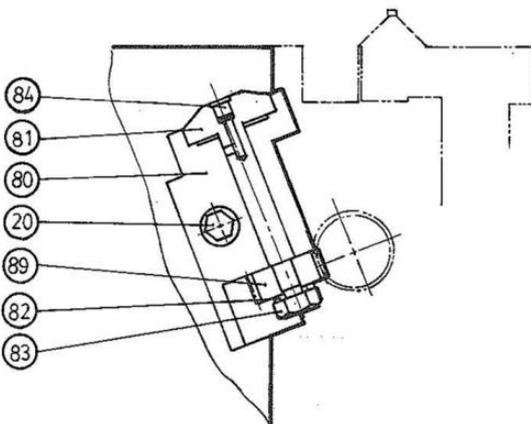
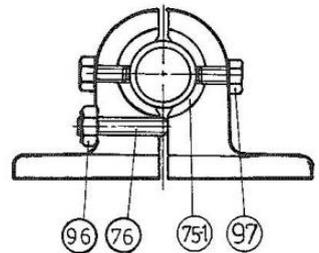
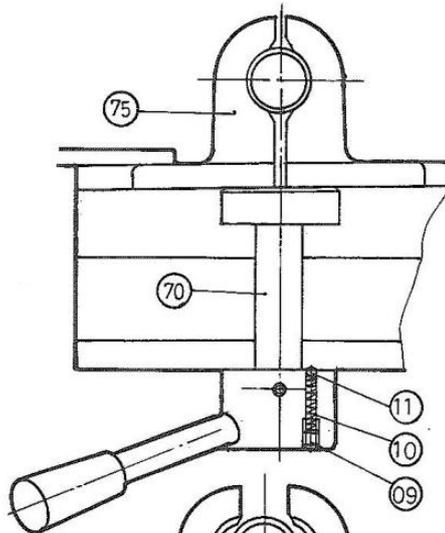
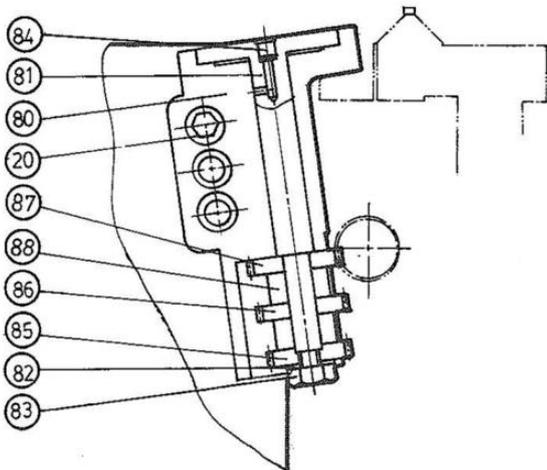
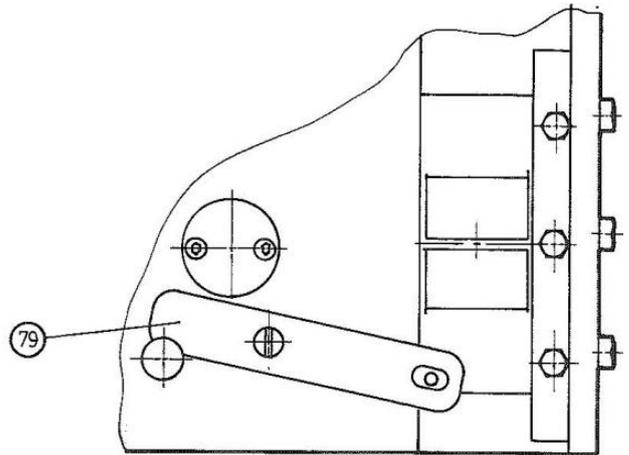
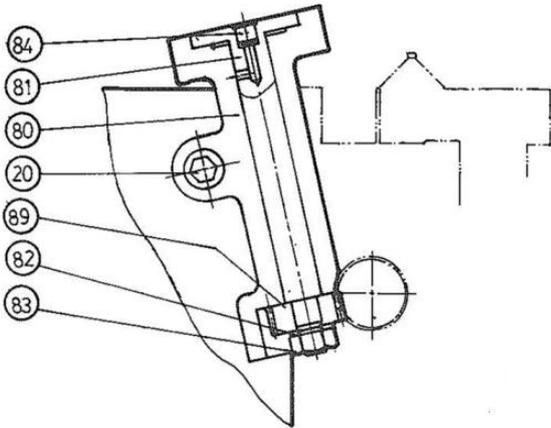




APRON ASSEMBLY - (2/4)

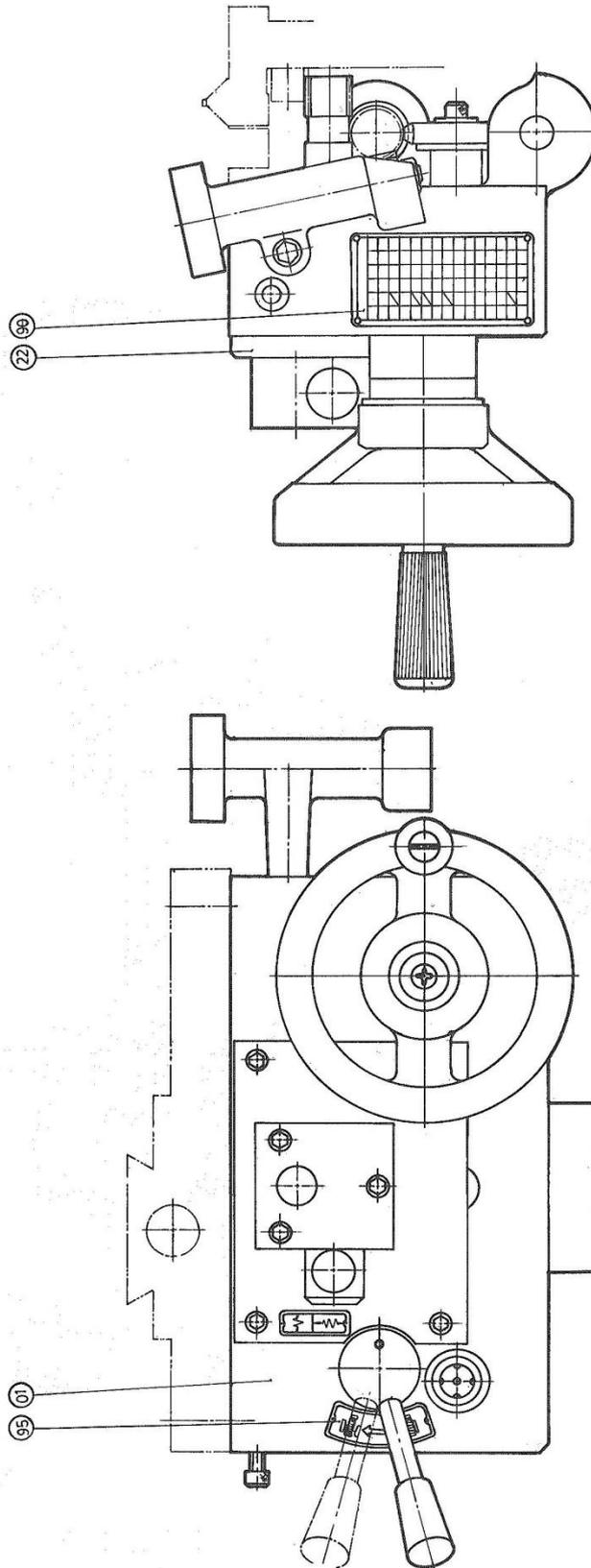


APRON ASSEMBLY - (3/4)





APRON ASSEMBLY - (4/4)





Apron Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	10-0401L-01	Apron (Left Hand)		1
1	10-0401R-01	Apron (Right Hand)		1
2	10-0401B-1	Drain Plug	8PFX28X6L	1
3	10-0401B-2	Hex Head Screw	M6XP1.0X15L	2
4	10-0401B-3	Socket Head Set Screw	M5XP0.8X16L	3
5	10-0401B-3	Hex Nut	M5XP0.8	3
6	10-0401B-5	Socket Head Cap Screw	M5XP0.8X12L	2
7	10-0401B-6	Socket Head Cap Screw	M6XP1.0X16L	4
8	10-0401B-7	Socket Head Cap Screw	M5XP0.8X25L	3
9	10-0401B-8	Socket Head Set Screw	M6XP1.0X10L	1
10	10-0401B-9	Compression Spring	0.7ØX4.4ØX25L	1
11	10-0401B-10	Steel Ball	3/16"Ø	1
12	10-0401B-11	Hex Head Screw	M5XP0.8X20L	3
14	10-0401B-13	Oil Sight Glass	30Ø	1
15	10-0401B-14	Inlet Cap		1
16	10-0401B-15	Pan Head Screw	M6XP1.0X20L	1
17	10-0401B-16	Hex Nut	M6XP1.0	1
18	10-0401B-17	Socket Head Set Screw	M5XP0.8X12L	1
19	10-0401B-18	Socket Head Cap Screw	M8XP1.25X30L	4
20	10-0401B-19	Socket Head Cap Screw	M8XP1.25X50L	1
21	10-0401B-20	Taper Pin	#3X19L	2
22	10-0402AL-00	Front Cover	(Left Hand Apron)	1
22	10-0402AR-00	Front Cover	(Right Hand Apron)	1
23	10-0402A-00-1	Socket Head Cap Screw	M6XP1.0X35L	3
24	10-0403-00	Gear Shaft	M1.5X14T	1
25	10-0403-00-1	Dbl. Round Head Key	5X5X20L	1
26	10-0404-00-2	Cross Recessed Hd. Scr	M6XP1.0X15L	1
27	10-0404-00	Bracket		1
28	10-0404-00-1	Ball Cup	1/4"Ø	1
29	10-0405-00	Hand Wheel		1
31	10-0406-00-1	Socket Head Set Screw	M5XP0.8X6L	1
32	10-0406-00	Dial		1
33	10-0407-00	Washer		1
34	17-0308-00	Bolt		1
35	10-0409-00	Handle		1
36	10-0410-00	Pinion Shaft	M1.5X13T	1



Apron Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
37	10-0410-00-1	Spring Pin	5ØX30L	1
38	10-0411-00	Plug		1
39	10-0412-00	Gear	M1.5X60T	1
40	10-0413-00	Shifting Shaft		1
41	10-0413-00-1	Spring Pin	5ØX30L	1
42	10-0414-00	Clutch Gear	M1.5X30T	1
43	10-0415-00	Clutch Gear	M1.5X40T	1
44	10-0416-00	Clutch Gear	M1.5X63T	1
45	10-0417-00	Guide Pin		3
46	10-0418-00	Bush		1
47	10-0419-00	Bracket		1
48	10-0419-00-1	Ball Cup	1/4"Ø	1
49	10-0419-00-2	Socket Head Set Screw	M6XP1.0X6L	1
51	10-0419-00-3	Compression Spring	0.7ØX4.4ØX12L	1
52	10-0419-00-4	Steel Ball	3/16"Ø	1
53	10-0420-00	Cam Shaft		1
54	10-0421-00	Plug		1
55	10-0422-00	Change Lever		1
56	10-0246-00	Knob	M8XP1.25	2
57	10-0423-00	Idle Shaft		1
58	10-0423-00-1	Socket Head Cap Screw	M6XP1.0X17L	1
59	10-0424-00	Gear	M1.5X18T	1
60	10-0425-00	Washer		1
61	10-0426-00	Shaft		1
62	10-0426-00-1	O-Ring	2.4ØX20Ø	1
63	10-0426-00-2	Dbl. Round Head Key	5X5X12L	1
64	10-0426-00-3	Hex Head Screw	M6XP1.0X15L	1
65	10-0427-00	Plug	20ØX3.2t	1
66	10-0428-00	Washer		1
67	10-0429B-00	Worm Gear	Mn2X22T	1
68	10-0430-00	Gear	M1.5X40T	1
69	10-0430-00-1	Spring Pin	5ØX30L	1
70	10-0431-00	Cam Shaft		1
71	10-0431-01-1	Spring Pin	5ØX38L	1
72	10-0432-00	Setting Pin		2
73	10-0433-00	Lever Head		1

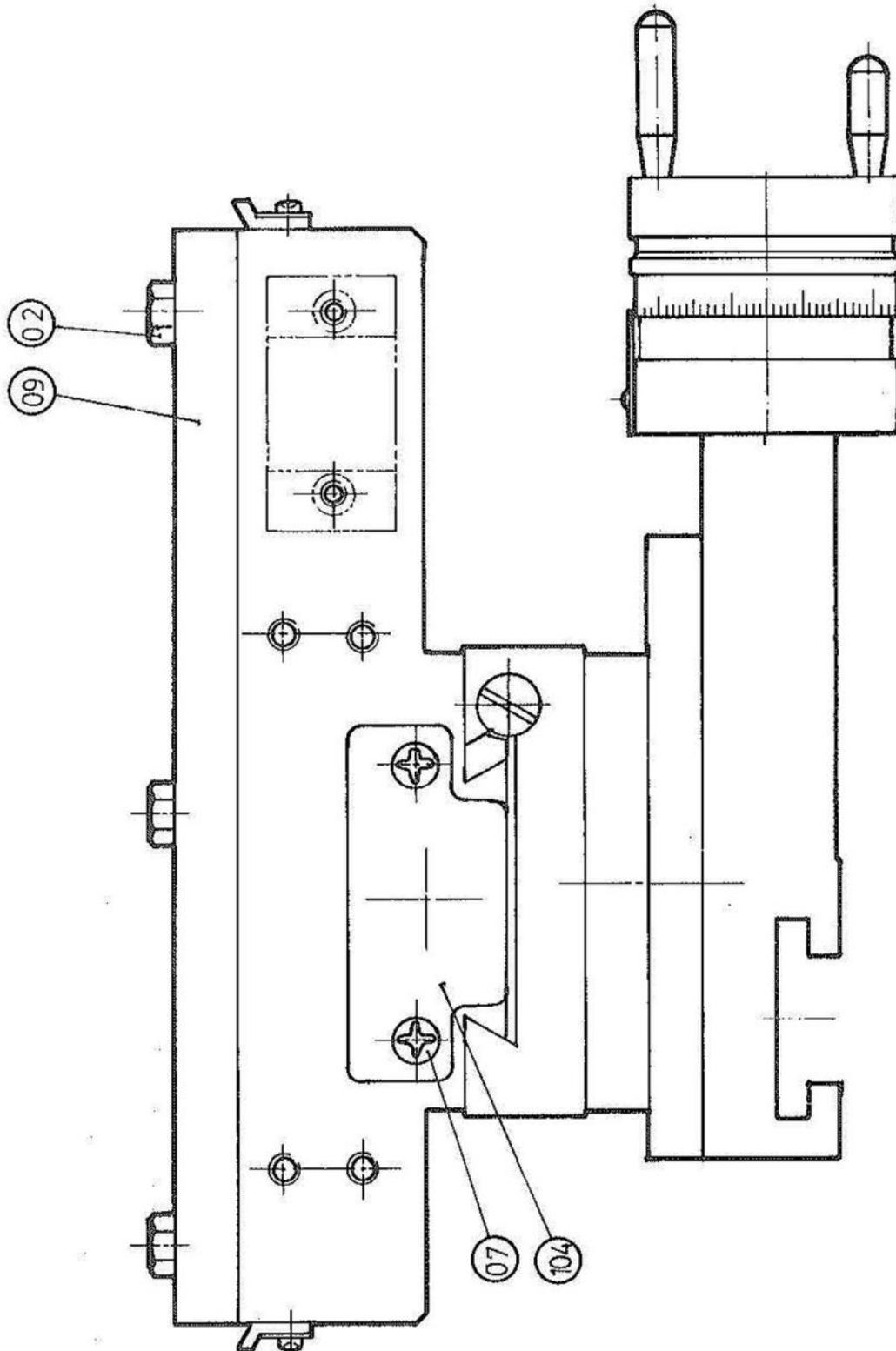


Apron Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
74	10-0434-00	Lever		1
75	10-0435R-02	Half Nut Base		1
75	10-0435L-02	Half Nut Base		1
75-1	10-0435-1/2-00	Half Nut		1
75-1	10-0435-2/2-00	Half Nut		1
76	10-0435BL-01-1	Socket Head Set Screw	M6XP1.0X20L	1
77	10-0436-00	Gib		1
78	10-0438-00	Worm	Fitting w/19mm Rod	1
79	10-0439-00	Interlock Piece		1
80	10-0440A-00	Thread Dial Body	(For Metric)	1
80	10-0440B-00	Thread Dial Body	(For Imperial)	1
80	10-0440C-00	Thread Dial Body	(Special Use)	1
81	10-0441A-00	Dial Indicator	(For Metric)	1
81	10-0441B-00	Dial Indicator	(For Imperial)	1
81	10-0441C-00	Dial Indicator	(Special Use)	1
82	10-0441C-00-1	Washer	M8	1
83	10-0441C-00-2	Hex Nut	M8XP1.25	1
84	10-0441C-00-3	Ball Cup	1/4"Ø	1
85	10-0442-00	Helical Gear (Metric)	C.P3X28T	1
86	10-0443-00	Helical Gear (Metric)	C.P3X30T	1
87	10-0444-00	Helical Gear (Metric)	C.P3X32T	1
88	10-0445-00	Spacer		2
89	10-0446A-00	Helical Gear (Imperial)	C.P3.175X24T	1
89	10-0446B-00	Helical Gear (Special)	C.P3.175X24T	1
90	10-0447A-00	Indicator Table (Metric)		1
90	10-0447B-00	Indicator Table(Imper.)		1
90	10-0447C-00	Indicator Table (Metric)	Enclosed Gear Box	1
90	10-0447D-00	Indicator Table (Imper.)		1
91	10-0448-00	Feed Direction Indicator		1
92	10-0449-00	Gear Tooth No. Indicat.		1
93	10-0450-00	Bush		1
94	10-0401B-01-21	Socket Head Screw	M6XP1.0X15L	1
95	10-0430A-00	Half Nut Indicator	(Left Hand)	1
95	10-0430B-00	Half Nut Indicator	(Right Hand)	1
96	10-0435B-01-2	Hex Nut	M6	1
97	10-04351/2-1	Hex Head Screw	M6XP1.0X10L	2

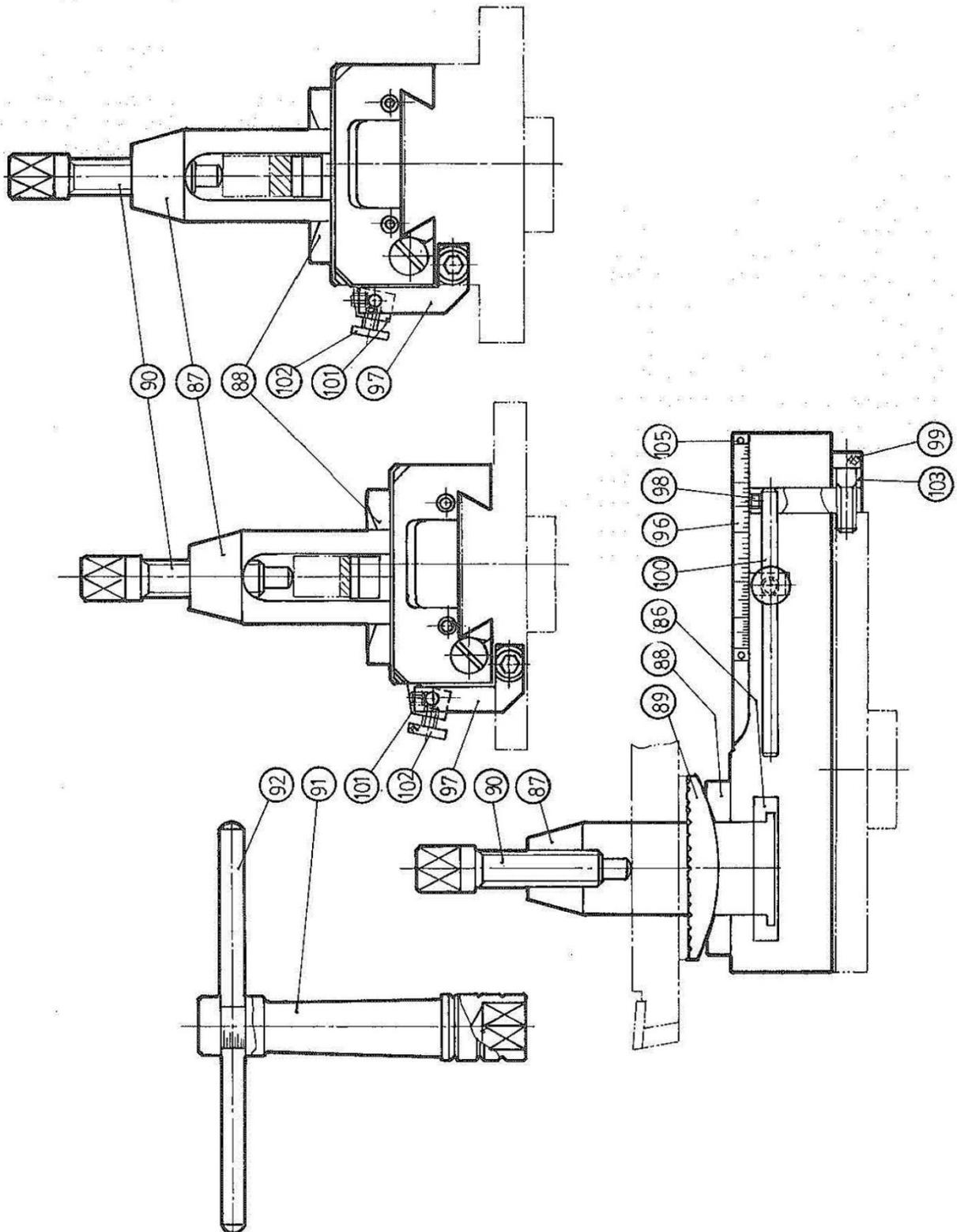


CARRIAGE ASSEMBLY - (1/6)



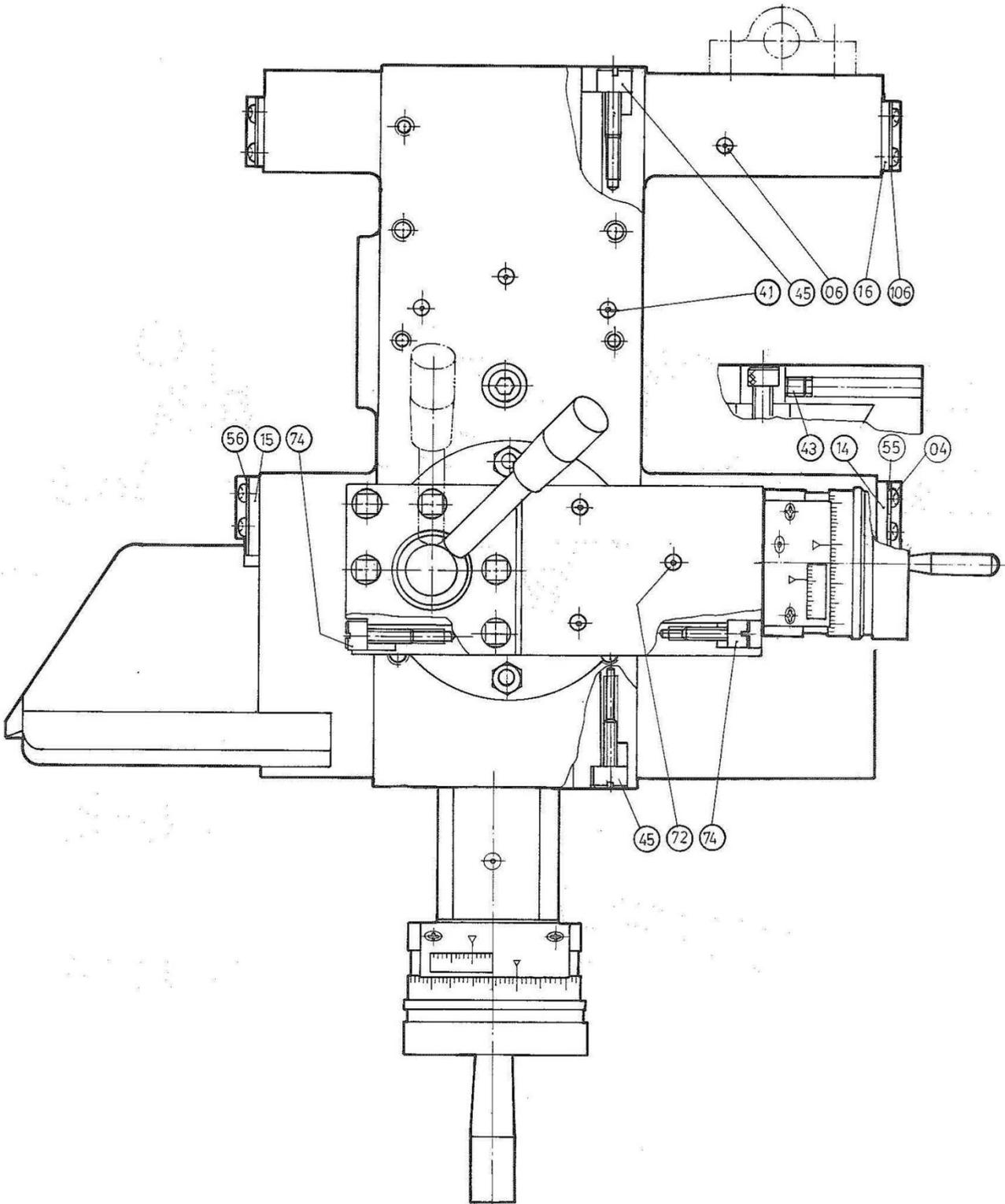


CARRIAGE ASSEMBLY - (2/6)



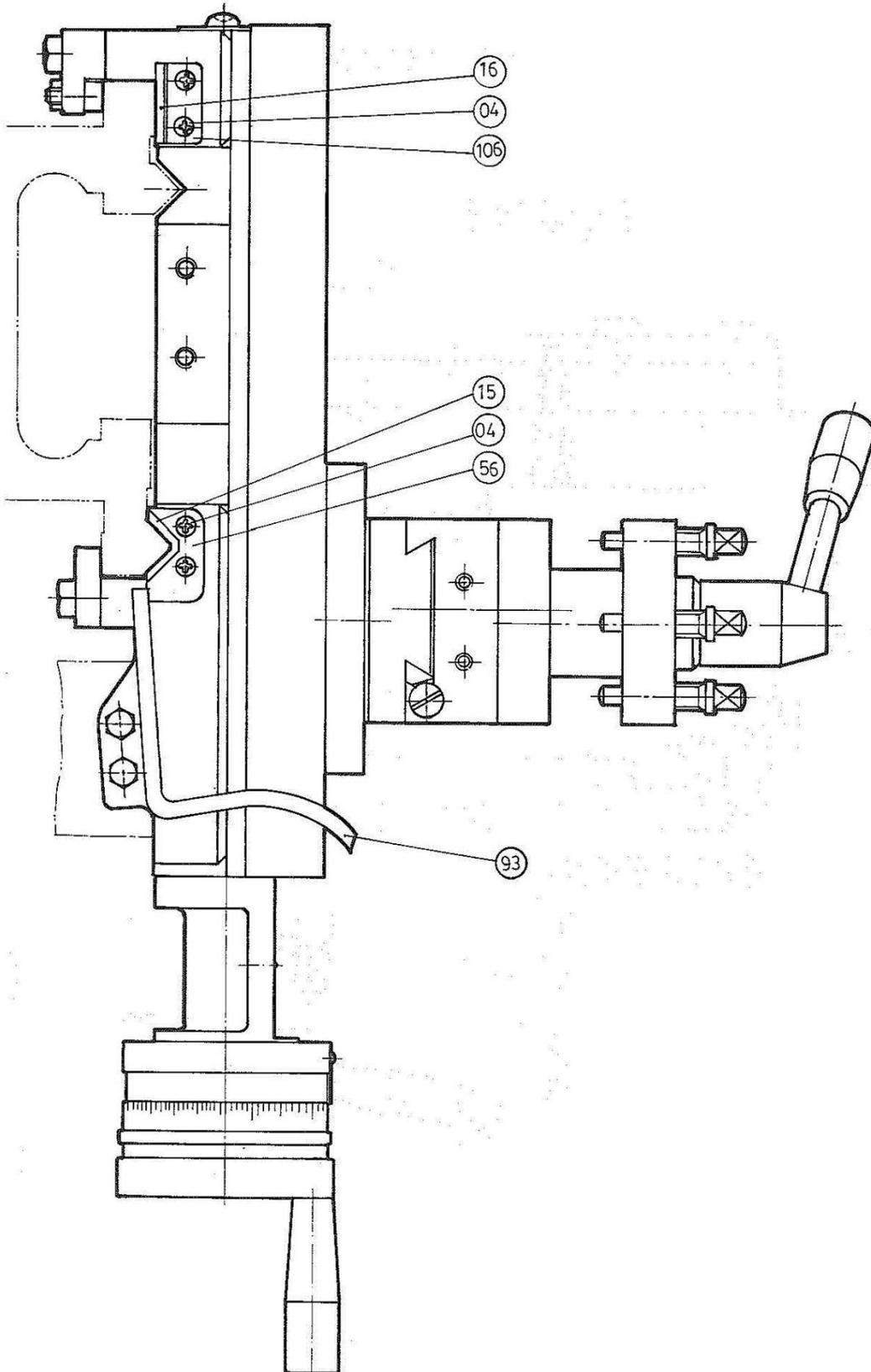


CARRIAGE ASSEMBLY - (3/6)



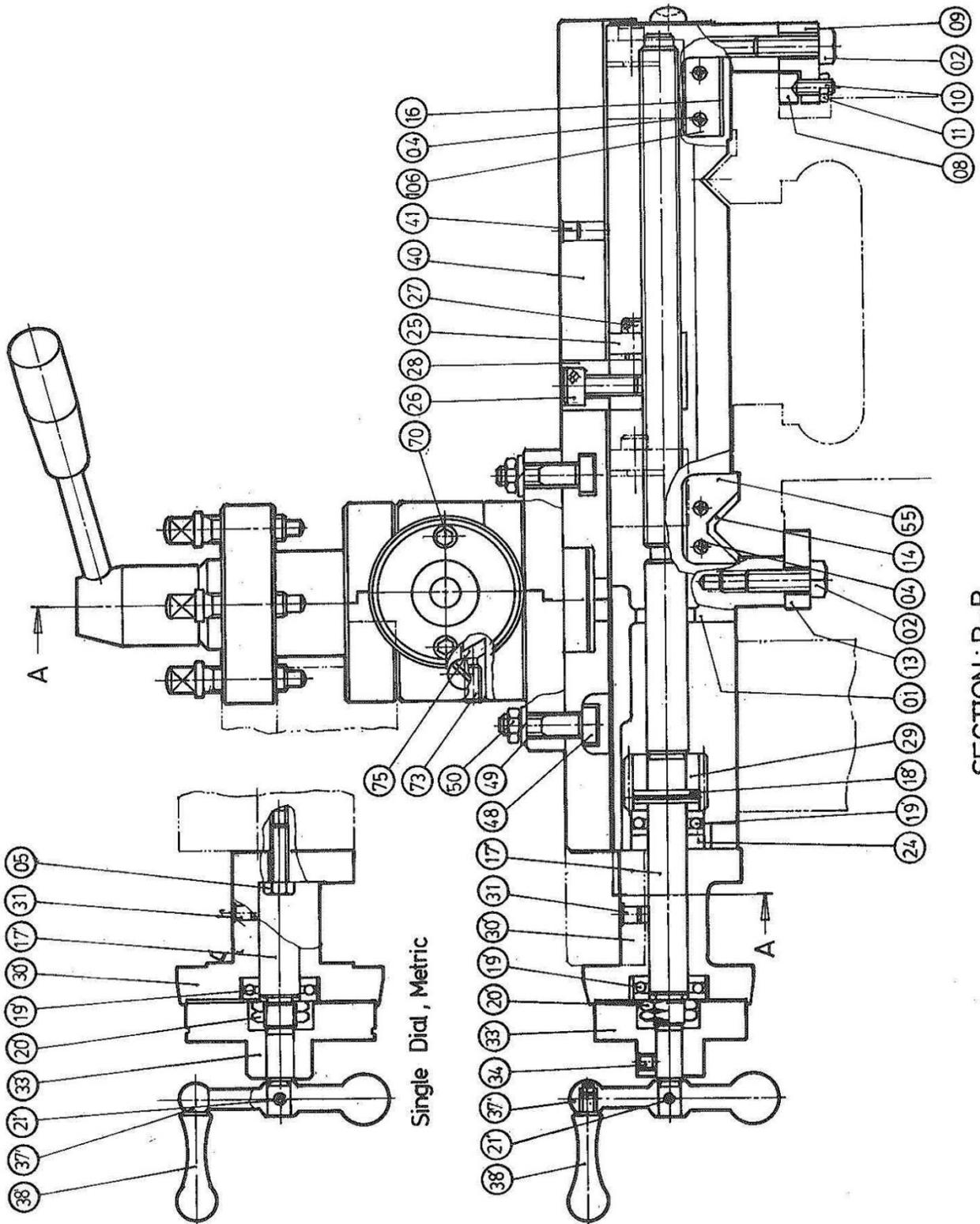


CARRIAGE ASSEMBLY - (4/6)





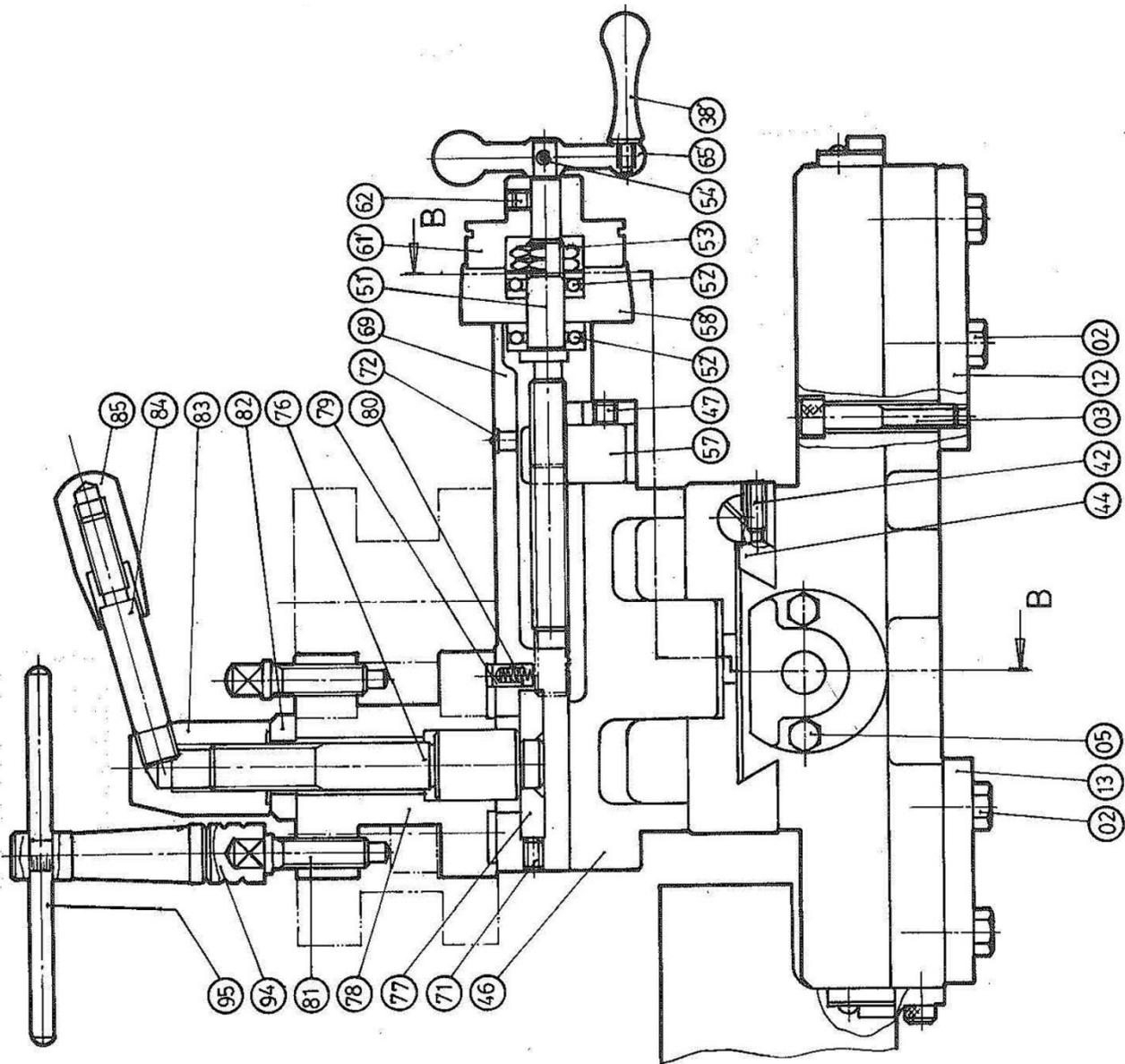
CARRIAGE ASSEMBLY - (5/6)



Single Dial, Metric



CARRIAGE ASSEMBLY - (6/6)





Carriage Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	10-0301-00	Saddle		1
2	10-0301-00-1	Hex Head Screw	M8XP1.25X25L	7
3	10-0301-00-2	Socket Head Cap Screw	M8XP1.25X45L	1
4	10-0301-00-3	Cross Recessed Hd. Scr	M4XP0.7X10L	8
5	10-0301-00-4	Socket Head Screw	M6XP1.0X22L	2
6	10-0301-00-5	Ball Cup	1/4"Ø	2
7	10-0301-00-6	Cross Recessed Hd. Scr	M8XP1.25X10L	2
8	10-0302-01	Gib		1
9	10-0303-00	Strip		1
10	10-0303-00-1	Socket Head Set Screw	M6XP1.0X16L	4
11	10-0303-00-2	Hex Nut	M6XP1.0	4
12	10-0304-00	Strip		1
13	10-0305-00	Strip		1
14	10-0306R-00	Bed way Wiper	(Right Side)	1
15	10-0306L-00	Bed way Wiper	(Left Side)	1
16	10-0307-00	Bed way Wiper		2
17	10-0308A1/2-01	Cross Feed Screw	(Metric)	1
17	10-0308A2/2-01	Cross Feed Screw	(Imperial)	1
18	10-0308A-01-1	Spring Pin	5ØX30L	1
19	10-0308A-01-2	Thrust Bearing	#51102	2
20	10-0308A-01-3	Woodruff Key	3X13Ø	1
21	10-0308A-01-4	Socket Head Set Screw	M5XP0.8X20LX16L	1
22	17-0306-00	Washer	M8	2
23	17-0504-00-2	Socket Button Hd. Scr.	M8XP1.25X20L	2
24	10-0309-01	Spacer		1
25	10-0310-1/2-00	Cross Feed Nut	(Metric)	1
25	10-0310-2/2-00	Cross Feed Nut	(imperial)	1
26	10-0310-00-1	Socket Head Cap Screw	M8XP1.25X20L	1
27	10-0310-00-2	Socket Head Cap Screw	M6XP1.0X16L	1
28	10-0311A-00	Setting Collar		1
29	10-0312-00	Pinion	M1.5X19T	1
30	10-0313A-01	Bracket	(For Dual Dial)	1
31	10-0313A-01-1	Ball Cup	1/4"Ø	1
32	10-0313A-01-2	Cross Recessed Hd. Scr	M4XP0.7X5L	2
33	17-0305-1/2-00	Cross Dual Dial	(Metric)	1
33	10-0314B-01	Cross Dual Dial	(Imperial)	1



Carriage Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
33	10-0376-1/2-00	Cross Single Dial	(Metric)	1
33	10-0376-2/2-00	Cross Single Dial	(Imperial)	1
35	17-0304-00	Hand Wheel	(For Dual Dial)	1
36	17-0357-00	Spring Leaf	(For Dual Dial)	1
37	170307-00	Handle	(For Dual Dial)	1
38	17-0308-00	Round Head Bolt	(For Dual Dial)	1
39	17-0356-1/2-00	Cross Dial Indicator	(Metric)	1
39	17-0317-2/2-00	Cross Dial Indicator	(Dual, Imperial)	1
39	17-0356-2/2-00	Cross Dial Indicator	(Single, Imperial)	1
40	10-0322-1/2V	Cross Slide	(T-Slot)	1
40	10-0322-2/2V	Cross Slide	(Normal)	3
41	10-0322A-00-1	Ball Cup	1/4"Ø	1
42	10-0322A-00-2	Socket Head Set Screw	M6XP1.0X20L	1
43	10-0322A-00-3	Socket Head Set Screw	M8XP1.25X10L	1
44	10-0323-00	Taper Gib Strip		2
45	10-0324-00	Adjusting Screw		1
46	10-0325B-01	Swivel Table		1
47	10-0325B-01-1	Socket Head Set Screw	M8XP1.25X8L	2
48	17-0328-00	Clamping Screw		2
49	17-0328-01-1	Spring Washer	M8	2
50	17-0328-01-2	Hex Nut	M8XP1.25	1
51	10-0327A-1/2-01	Compound Feed Screw	(Metric, Dual Dial)	1
52	10-0327A-2/2-01	Compound Feed Screw	(Imperial, Dual Dial)	2
52	10-0327A-01-1	Thrust Bearing	#51101	1
53	10-0327A-01-2	Woodruff Key	3X13Ø	1
54	10-0327A-01-3	Socket Head Set Screw	M5XP0.8X20L	1
55	10-0372R-00	Bed way Wiper Plate		1
56	10-0372L-00	Bed way Wiper Plate		1
57	10-0328-1/2-01	Compound Feed Nut	(Metric)	1
57	10-0328-2/2-01	Compound Feed Nut	(Imperial)	1
58	10-0329B-01	Bracket	(Dual Dial)	2
59	10-0329B-01-1	Cross Recessed Hd. Scr	M4XP0.7X5L	1
60	10-0329B-01-2	Ball Cup	1/4"Ø	1
61	17-0335-1/2-00	Compound Dual Dial	(Metric)	1
61	10-0330B-01	Compound Dual Dial	(Imperial)	1
61	10-0378-1/2-00	Compound Single Dial	(Metric)	1



Carriage Assembly Parts Identification

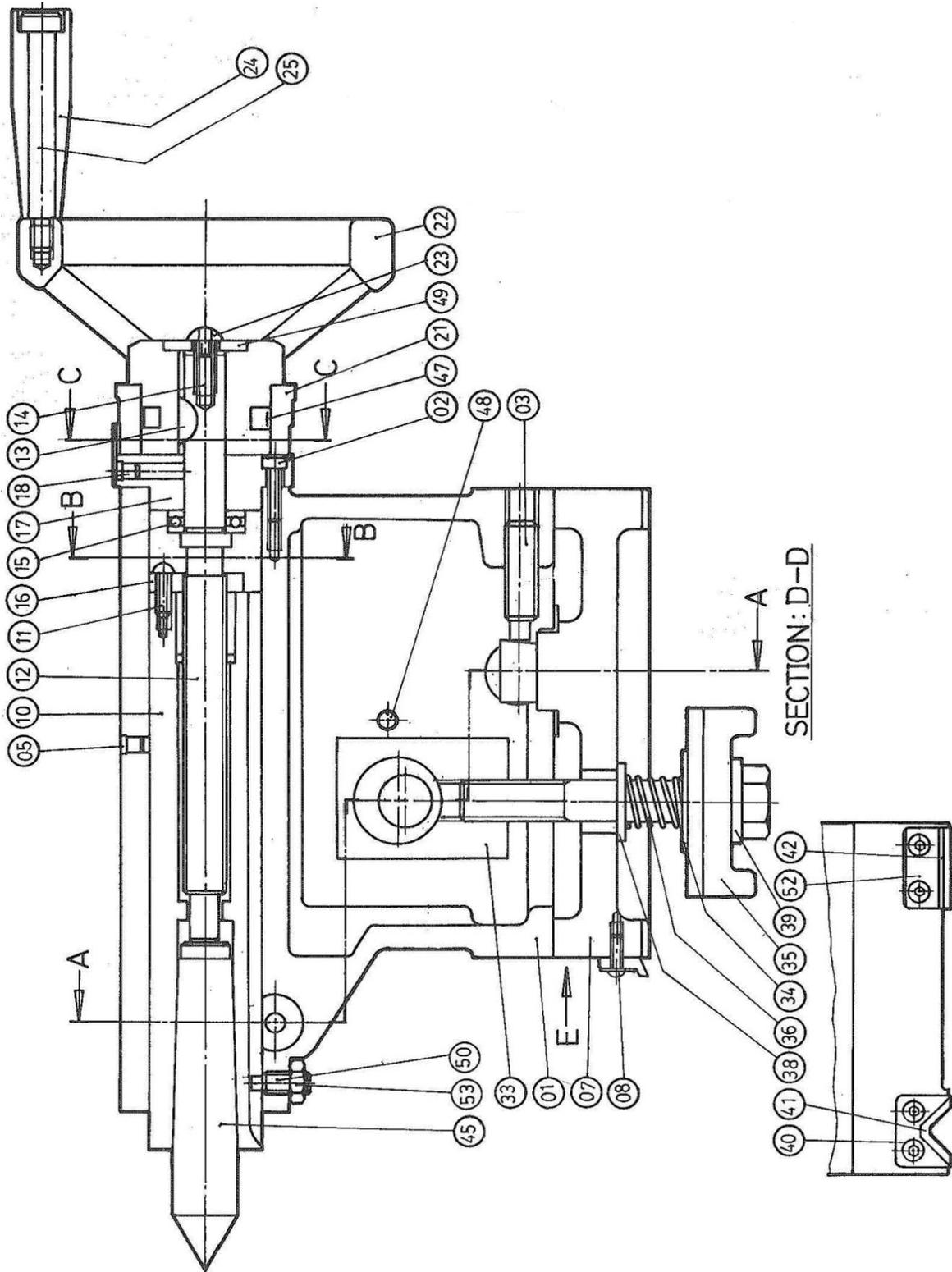
No.	Part No.	Name	Specification	Qty.
61	10-0378-2/2-00	Compound Single Dial	(Imperial)	1
63	17-0344-00	Hand Wheel	(Dual Dial)	1
64	17-0527-00	Spring Leaf	(Dual Dial)	1
66	10-0335-00	Grip	(Dual Dial)	1
67	10-0336-00	Grip	(Dual Dial)	1
68	17-0355-1/2-00	Compound Dial Indicator	(Metric)	1
68	17-0355-2/2-00	Compound Dial Indicator	(Imperial)	1
69	10-0337A-00	Compound Rest		1
70	10-0337A-00-1	Socket Head Cap Screw	M6XP1.0X16L	2
71	10-0337A-00-2	Socket Head Set Screw	M6XP1.0X10L	2
72	10-0337A-00-3	Ball Cup	1/4"Ø	3
73	10-0337A-00-4	Socket Head Set Screw	M6XP1.0X16L	1
74	10-0338-00	Adjusting Screw		2
75	10-0339-01	Taper Gib Strip		1
76	10-0340-01	Centering Bolt		1
77	10-0341-01	Bottom Plate		1
78	10-0343B-00	Fourway Tool Rest		1
79	10-0343-00	Position Setting Pin		1
80	10-0344-00	Compression Spring		1
81	10-0345-00	Tool Post Screw		1
82	10-0346A-00	Spacer	8.8mm	2
82	10-0346B-00	Spacer	9.0mm	1
82	10-0346C-00	Spacer	7.2mm	1
82	10-0346D-00	Spacer	9.4mm	1
83	10-0347-00	Clamping Handle		1
84	10-0348-00	Clamping Handle		1
85	11-0127-00	Knob		1
86	10-0350-00	Setting Plate	Single Tool Post	1
87	10-0351-00	Single Tool Post	American Style	1
88	10-0352-00	Bottom Plate	Single Tool Post	1
89	10-0353-00	Tool Supporting Block	Single Tool Post	1
90	10-0354-00	Tool Post Screw	Single Tool Post	1
91	10-0355-00	Wrench	Single Tool Post	1
92	10-0356-00	Wrench Handle	Single Tool Post	1
93	10-0357-00	Chip Guard		1
94	10-0362-00	Wrench	Fourway Tool Post	1



Carriage Assembly Parts Identification

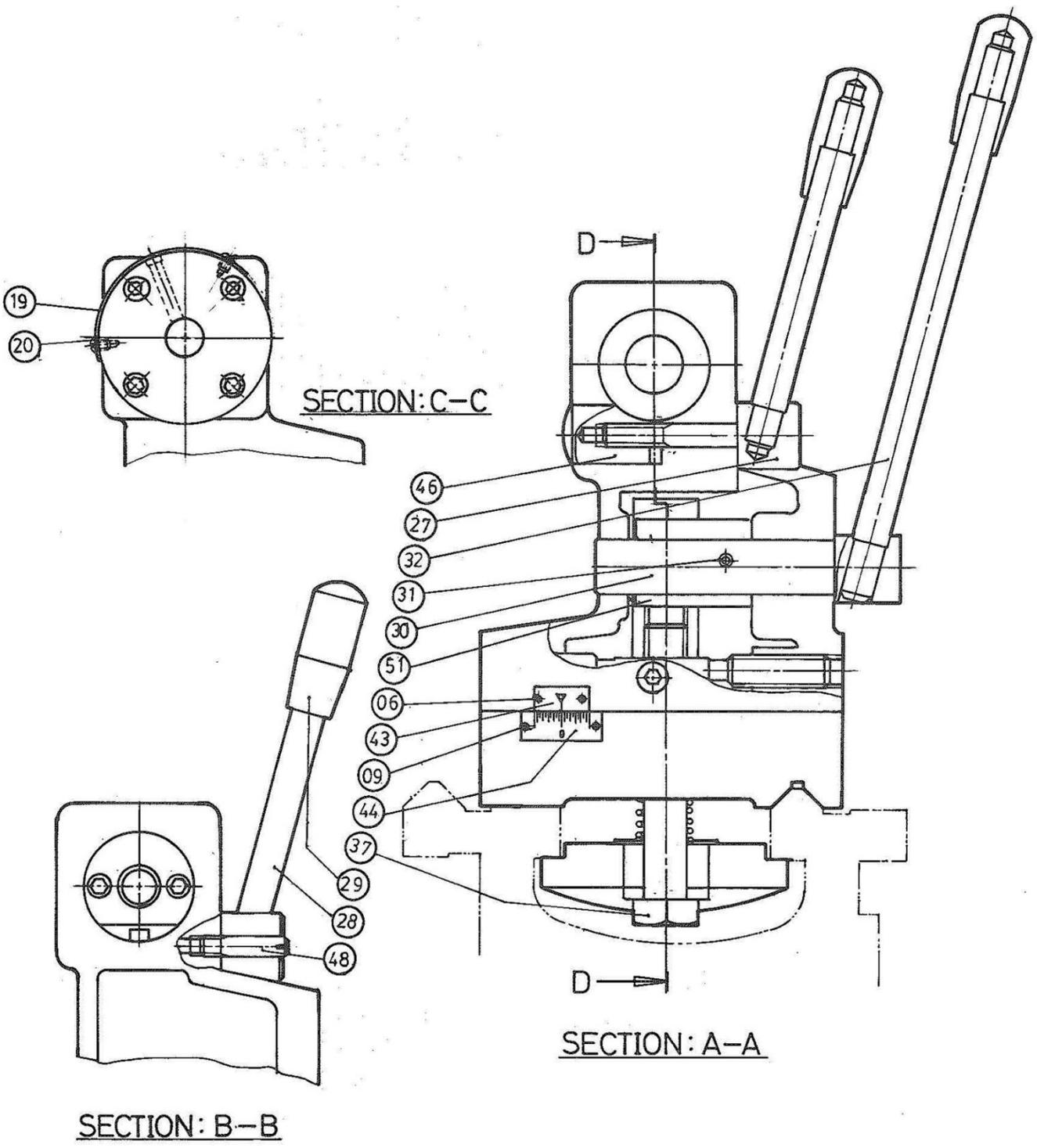
No.	Part No.	Name	Specification	Qty.
95	10-0363-00	Wrench Handle	Fourway Tool Post	1
96	10-0364-00	Feed Indicator Rule	(Optional)	1
97	10-0365A-00	Bracket	Single Tool Post	1
98	10-0365A-00-1	Socket Head Set Screw	M5XP0.8X5L	1
99	10-0365A-00-2	Socket Head Set Screw	M6XP1.0X22L	1
100	10-0365-00	Supporting Rod	Single Tool Post	1
101	10-0367-00	Indicator	Single Tool Post	1
102	10-0368-00	Locking Screw	Single Tool Post	1
103	10-0369-00	Washer	Single Tool Post	1
104	10-0370-00	Dust Plate		1
105	10-0364-00-1	Button Head Rivet	2ØX5L	2
106	10-0371-00	Bedway Wiper Plate		2

TAILSTOCK ASSEMBLY - (1/2)





TAILSTOCK ASSEMBLY - (2/2)





Tailstock Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
1	18-0501-00	Tailstock Body	14" (356mm)	1
1	17-0501-00	Tailstock Body	13" (330mm)	1
2	18-0501-00-1	Socket Head Cap Screw	M5XP0.8X20L	4
3	18-0501-00-2	Socket Head Set Screw	M12XP1.75X50L	3
5	18-0501-00-4	Ball Cup	1/4"Ø	1
6	18-0501-00-5	Button Head Rivet	2ØX5L	2
7	13-0502-00	Tailstock Base		1
8	13-0502-00-1	Cross Recessed Hd. Scr.	M4XP0.7X12L	4
9	13-0502-00-2	Button Head Rivet	2ØX5L	2
10	17-0503-00	Quill	MT#3	1
11	17-0503-00-1	Socket Button Hd. Screw	M5XP0.8X16L	2
12	17-0504-1/2-00	Feed Screw	(Metric)	1
12	17-0504-2/2-00	Feed Screw	(Imperial)	1
13	17-0504-2/2-00-1	Woodruff Key	5X19Ø	1
14	17-0504-2/2-00-4	Socket Head Set Screw	M5XP0.8X20L	1
15	17-0504-2/2-00-3	Thrust Bearing	#51102	1
16	17-0505-1/2-00	Feed Nut	(Metric)	1
16	17-0505-2/2-00	Feed Nut	(Imperial)	1
17	17-0506-00	Bracket		1
18	17-0506-00-1	Ball Cup	1/4"Ø	1
19	17-0507-00	Dial Guard		1
20	17-0507-00-1	Cross Recessed Hd. Scr.	M4XP0.7X5L	2
21	17-0508-1/2-00	Dial	(Metric)	1
21	17-0508-2/2-00	Dial	(Imperial)	1
22	17-0509-00	Hand Wheel		1
23	17-03101-00	Socket Button Hd. Screw		1
24	17-0511-00	Handle		1
25	17-0512-00	Bolt		1
27	17-0514-00	Locking Rod		1
28	17-0515-00	Locking Lever		1
29	11—0127-00	Knob		2
30	17-0516-01	Clamping Shaft		1
31	17-0516-01-1	Spring Pin	5ØX25L	1
32	17-0517-00	Clamping Lever		1
33	17-0518-01	Adjusting Block		1
34	17-0519-00	Washer		1

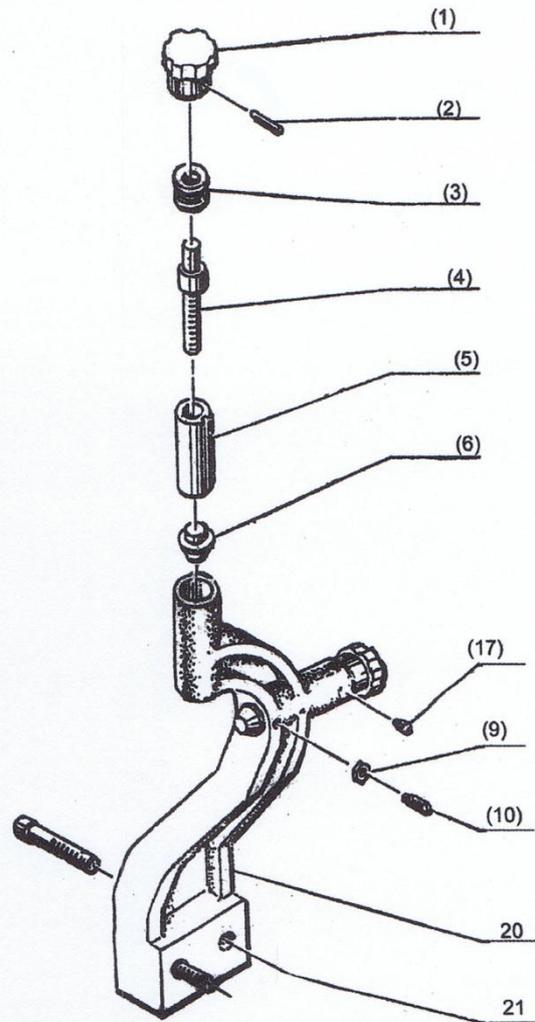
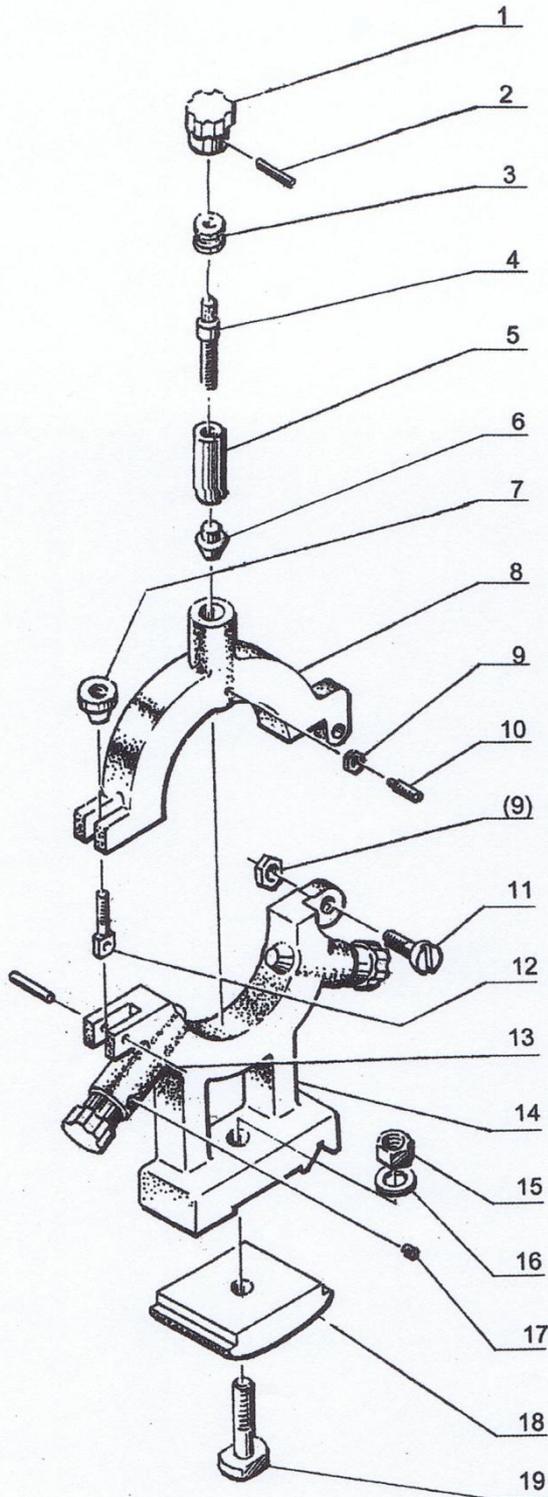


Tailstock Assembly Parts Identification

No.	Part No.	Name	Specification	Qty.
35	13-0520-00	Clamping Block		1
36	17-0520-00	Compression Spring		1
37	17-0520-00-1	Hex Head Screw	M16XP2.0X105L	1
38	17-0520-00-2	Washer	M16	1
39	17-0522-00	Washer		1
40	17-0529-00	Bedway Wiper Plate		1
41	17-0524-00	Bedway Wiper		1
42	10-0307-00	Bedway Wiper		1
43	10-0523-00	Indicator		1
44	10-0524-00	Set-Over Indicating Chart		1
45	11-0158B-00	Center	MT#3	1
46	17-0525-01	Locking Bush		1
47	17-0527-00	Spring Leaf		1
48	10-0525-00	Stud		2
49	17-0510-01	Washer		1
50	17-0530-00	Key		1
51	17-0528-00	Eccentric Collar		1
52	10-0371-00	Bedway Wiper Plate		1
53	17-0501-00-5	Socket Head Set Screw		1



STEADY AND FOLLOW REST ASSEMBLY



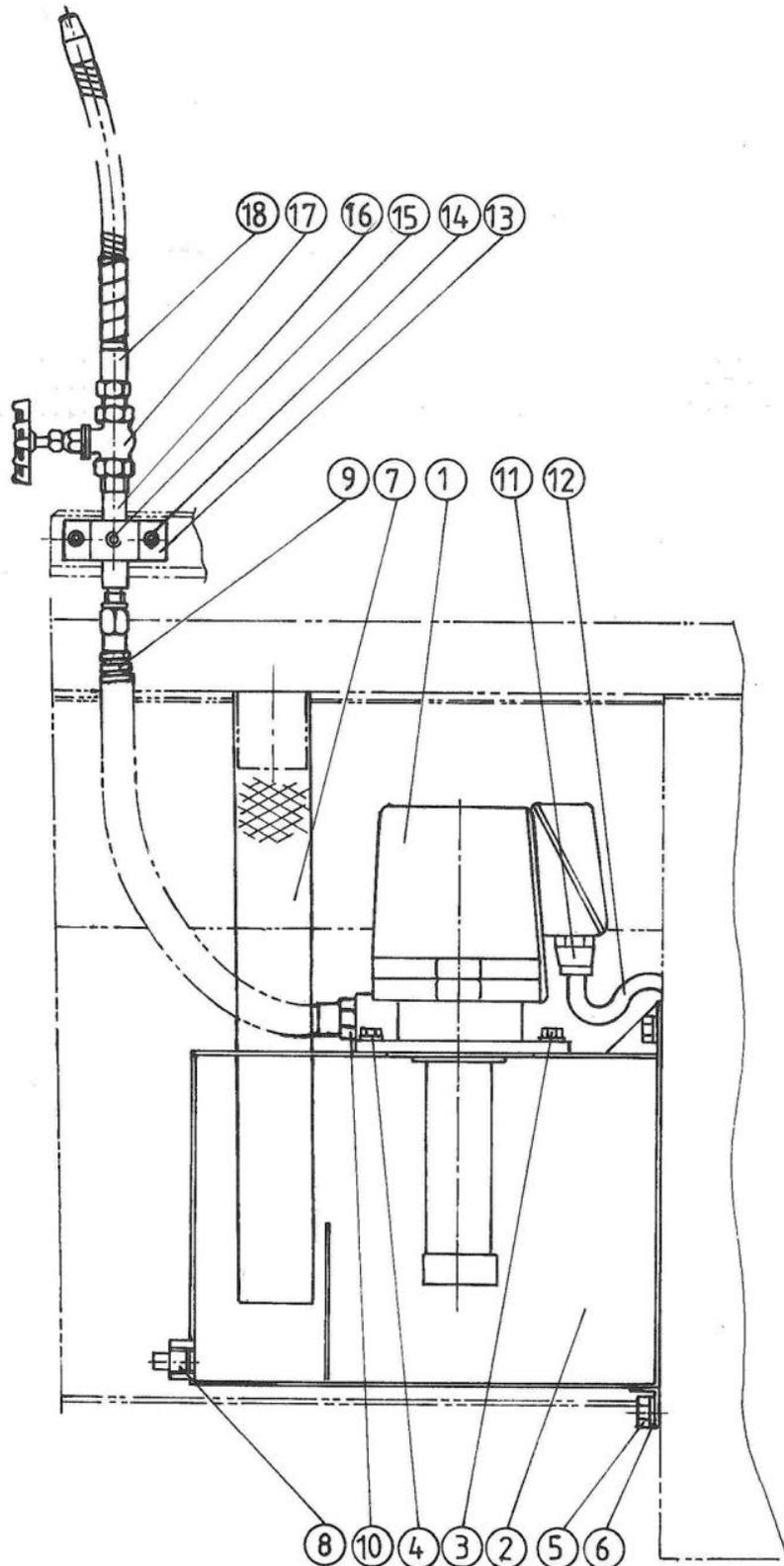


Steady and Follow Rest Parts Identification

No.	Part No.	Name	Specification
1	JB1360-76	Knob	32x8
2	GB119-86	Pin	3x18
3	32-10203	Collar	
4	32-10204	Screw	
5	32-10201	Collar	
6	32-10401	Clapping Head	
7	32-10205	Nut	
8	32-10101	Upside of Center Rest	
9	GB6170-86	Nut	M6
10	GB79-85	Screw	M6x18
11	GB65-85	Screw	M6x30
12	32-10206	Screw	
13	GB879-86	Pin	5x24
14	32-10102 36-10102	Downside of Center Rest Downside of Center Rest	(32A) (36A)
15	GB6170-86	Nut	M12
16	GB97.1-86	Washer	12
17	GB78-85	Screw	M6x6
18	32-10103	Clamp	
19	GB37-85	Screw	M12x65
20	32-10104 36-10104	Follow Rest (32A) Follow Rest (36A)	
21	GB70-85	Screw	M8x45



COOLANT SYSTEM ASSEMBLY



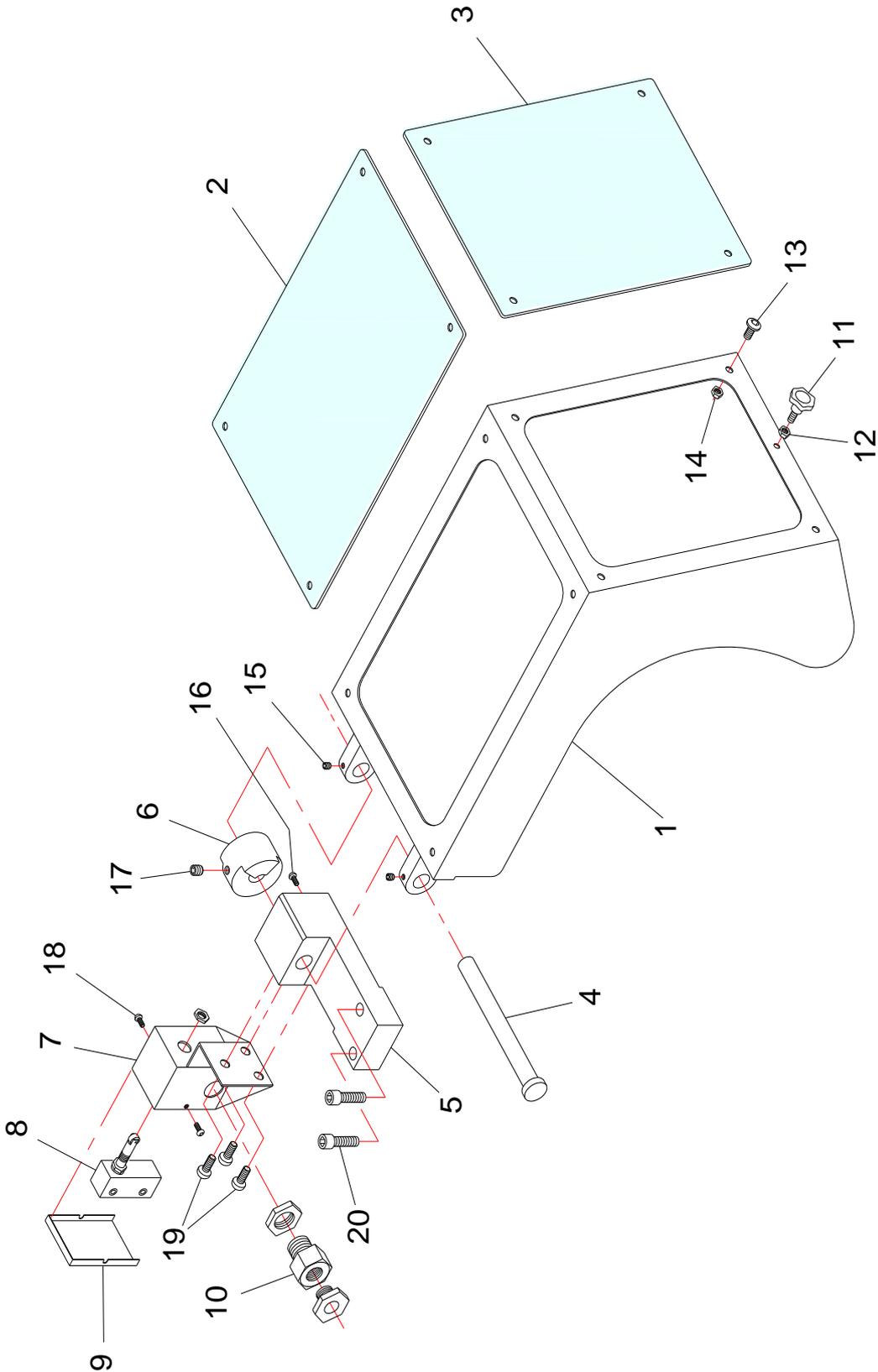


Coolant System Parts Identification

No.	Part No.	Name	Specification	Qty.
1	11-0718	Coolant Pump	1/8Hp,1Ph, 60Hz	1
2	11-0720B-00	Coolant Tank		1
3	11-0720B-00-1	Hex Head Screw	M6XP1.0X8L	4
4	11-0720B-00-2	Spring Washer		4
5	11-0720B-00-3	Hex Head Screw	M8XP1.25X16L	3
6	11-0720B-00-4	Spring Washer	M8	3
7	11-0720B-00-5	Returning Water Pipe		1
8	11-0722-01	Drain Plug		1
9	11-0723	Coolant Pipe		1
10	11-0775-00	Coolant Joint		1
11	17-0734A-00	Lock Joint		1
12	17-0734A-00-1	Electrical Wire		1
13	11-0726	Bracket		1
14	11-0726-1	Socket Head Cap Screw	M6XP1.0X20L	2
15	11-0726-2	Socket Head Set Screw	M6XP1.0X6L	1
16	11-0747	Connection Tube		1
17	11-0724	Ball Valve		1
18	11-0725	Jet Tube		1



CHUCK GUARD ASSEMBLY





Chuck Guard Parts Identification

No.	Name	Specification	Qty.
1	Chuck Guard		1
2	Upper Window		1
3	Lower Window		1
4	Hinge Pin		1
5	Mounting Block		1
6	Switch Actuator		1
7	Switch Box		1
8	Roller Switch		1
9	Switch Box Cover		1
10	Cable Connector		1
11	Cover Knob		1
12	Hex Nut M6		1
13	Button Head Screw	M4x10	8
14	Hex Nut	M4	8
15	Setscrew	M6x8	2
16	Stop Screw	M4x6	1
17	Setscrew	M8x16	1
18	Machine Screw	M4x5	2
19	Machine Screw	M5x6	3
20	Socket Head Capscrew	M6x25	2



NOTES



NOTES



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