



PARTS LIST

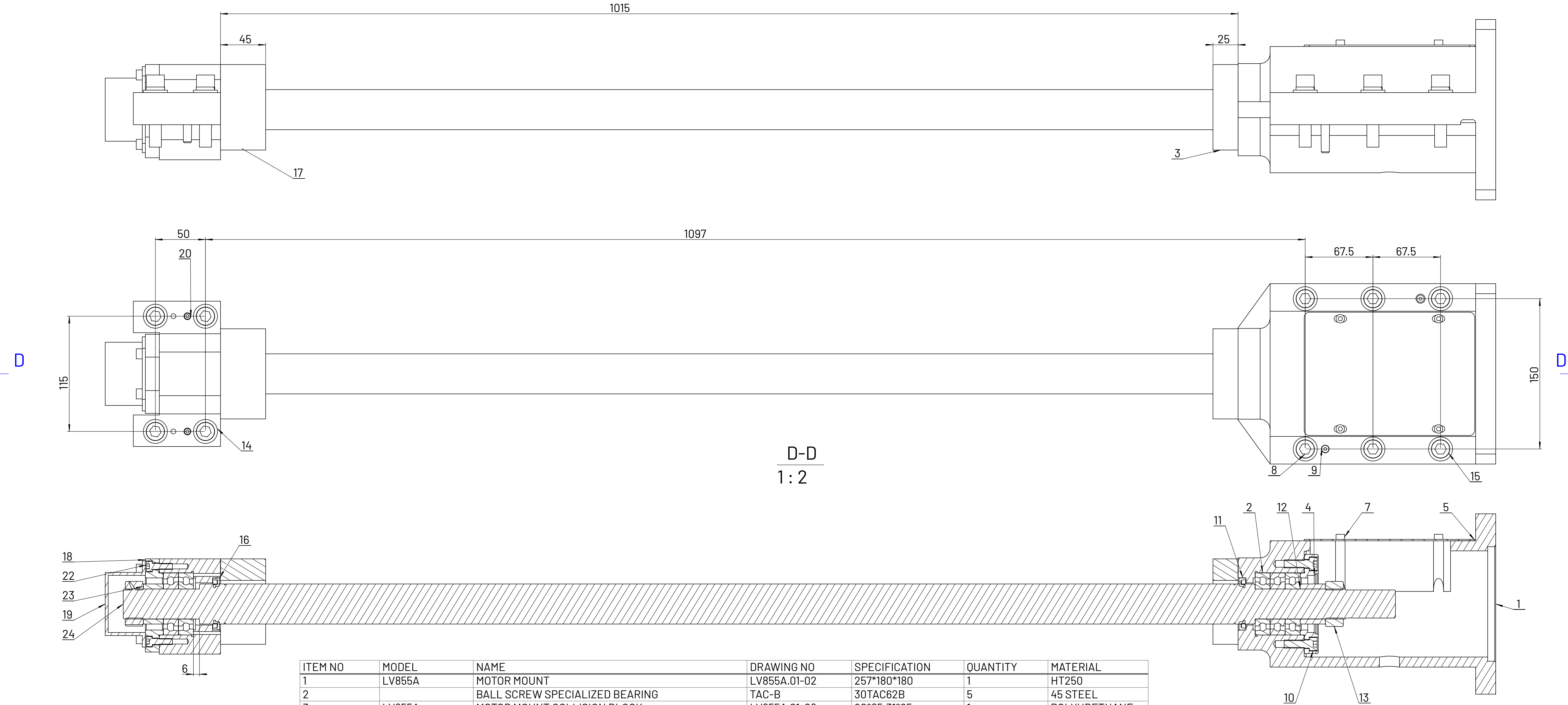
MDV 855

Vertical Machining Centre



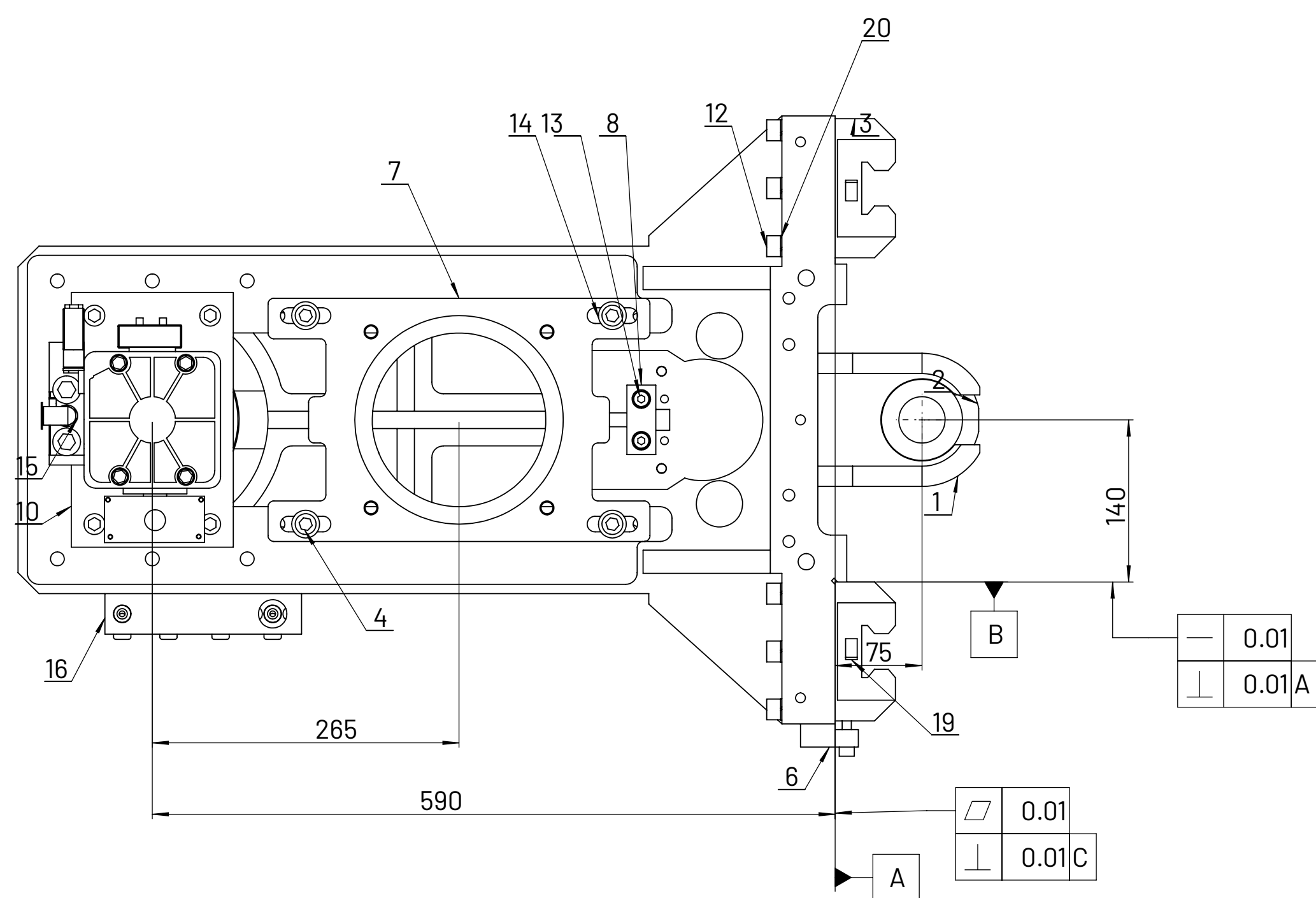
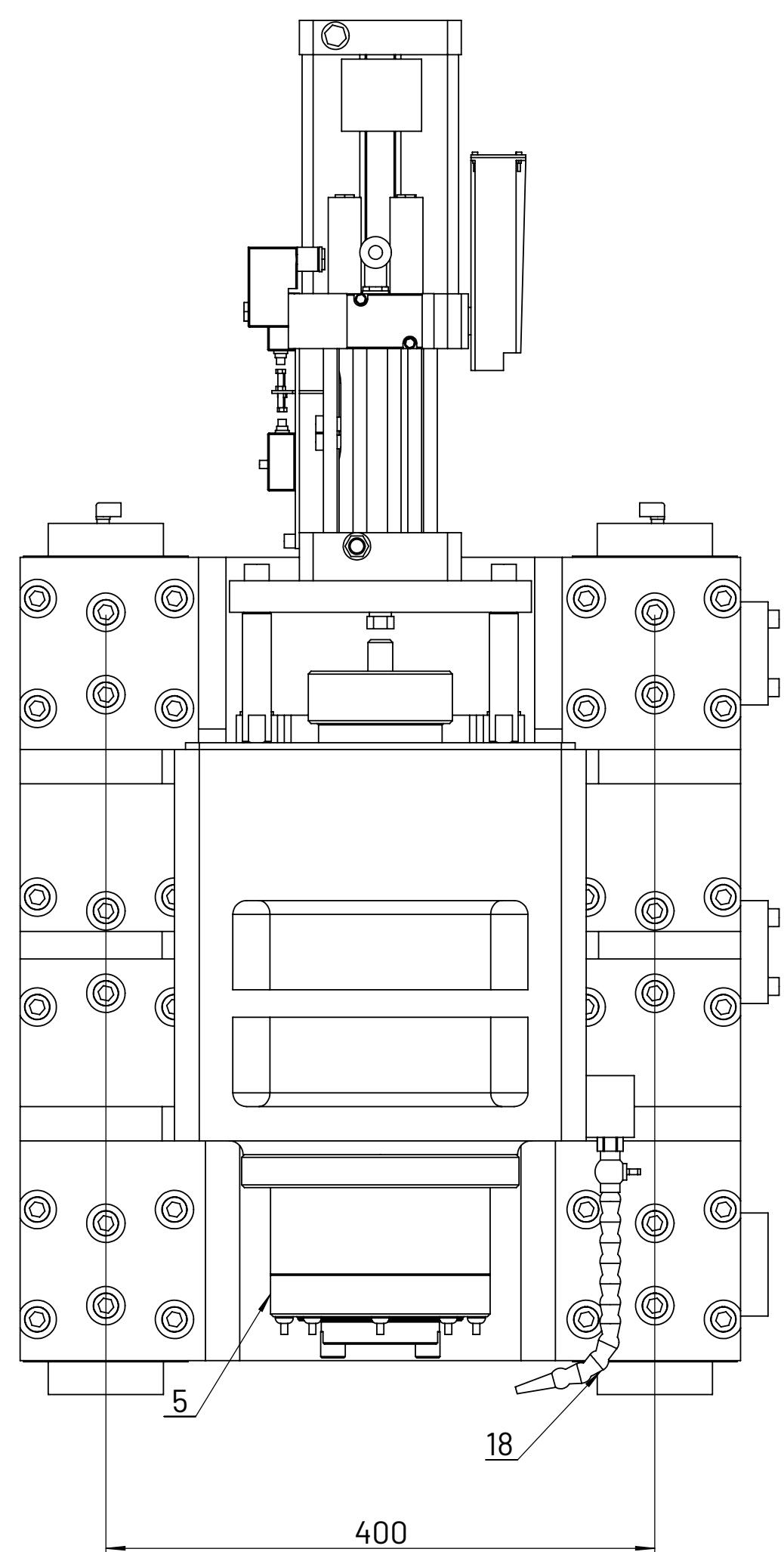
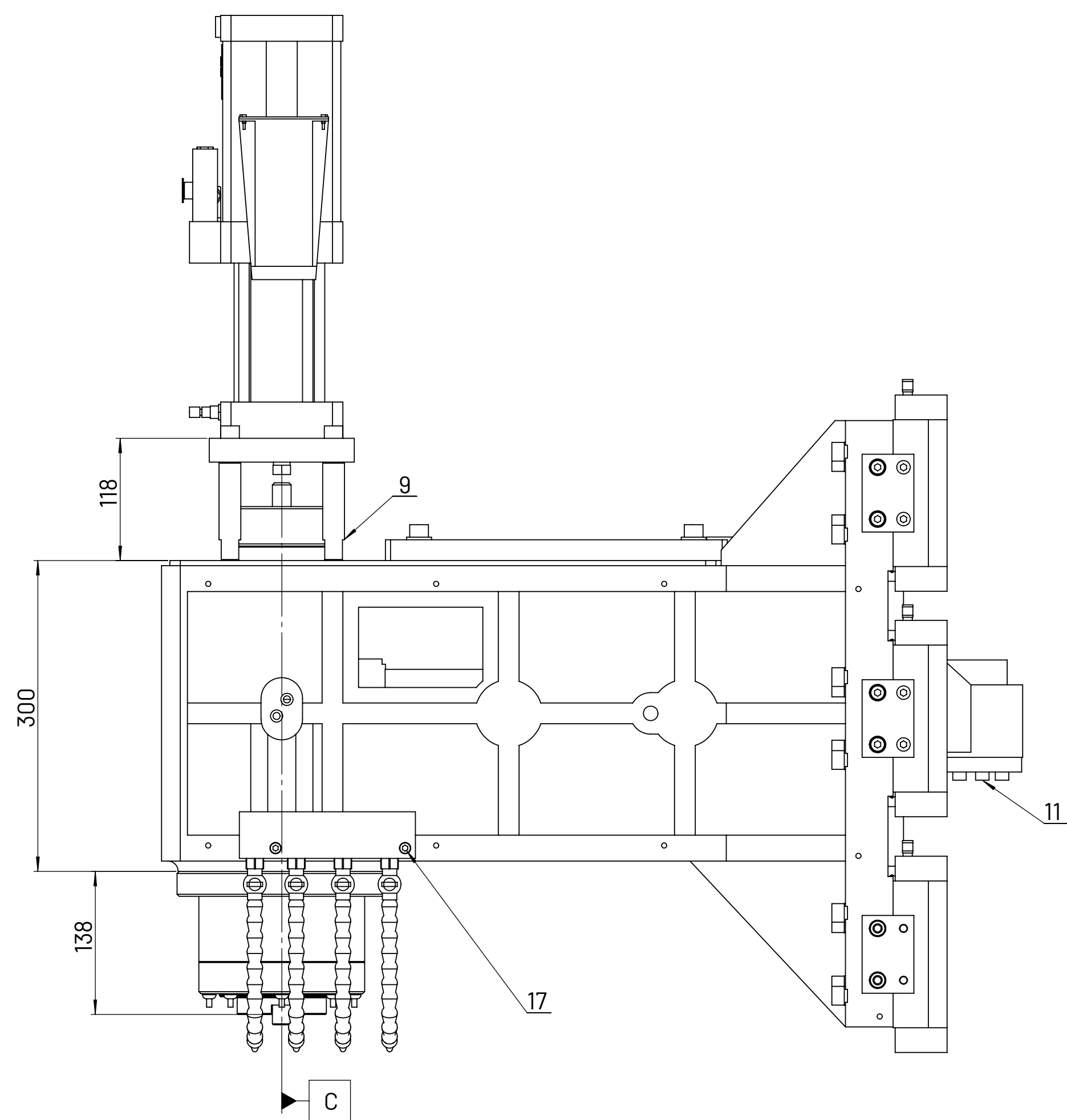
Parts List

MACH MDV 855 (PG 1 OF 8)
X-AXIS PARTS LIST



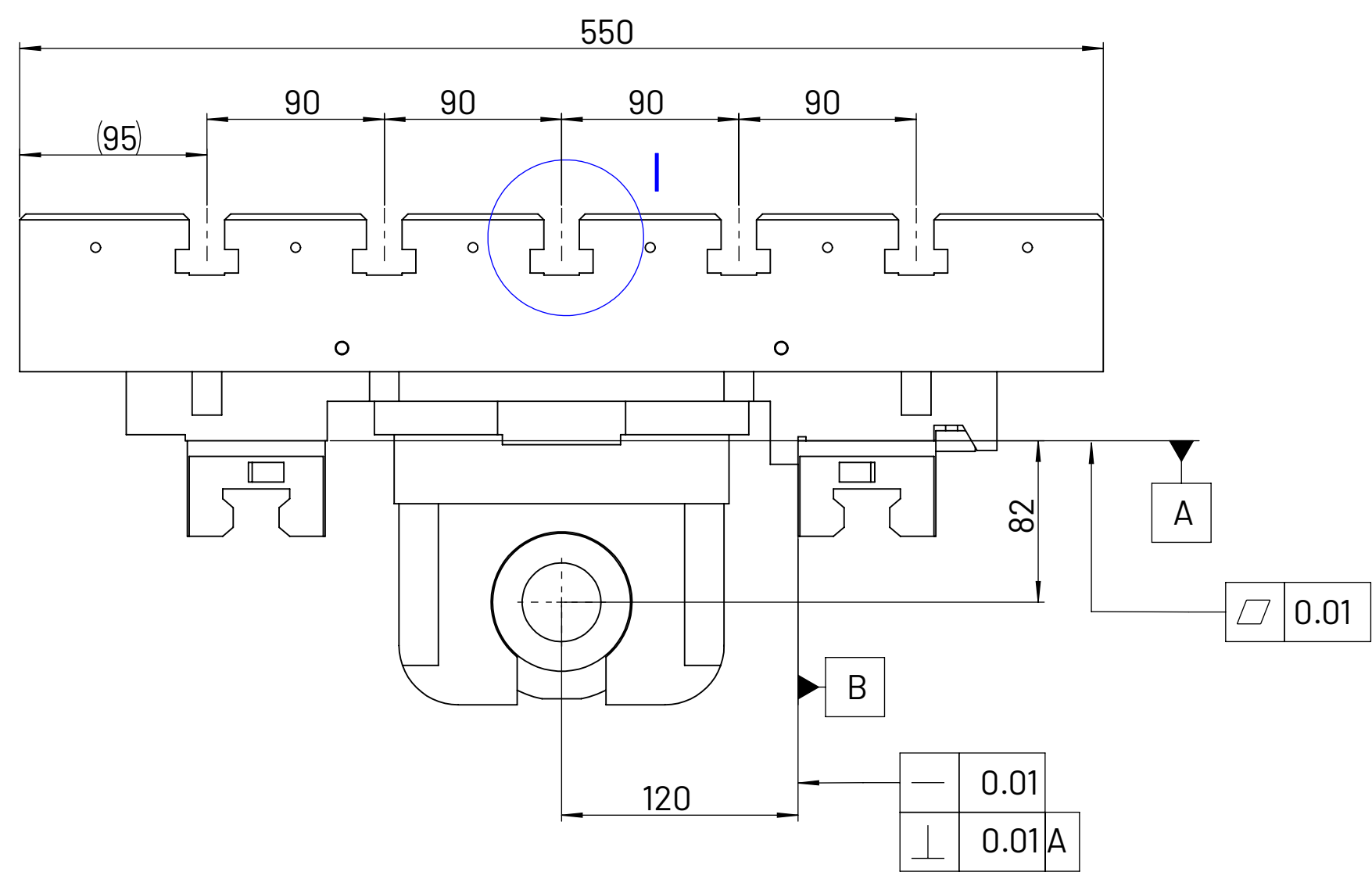
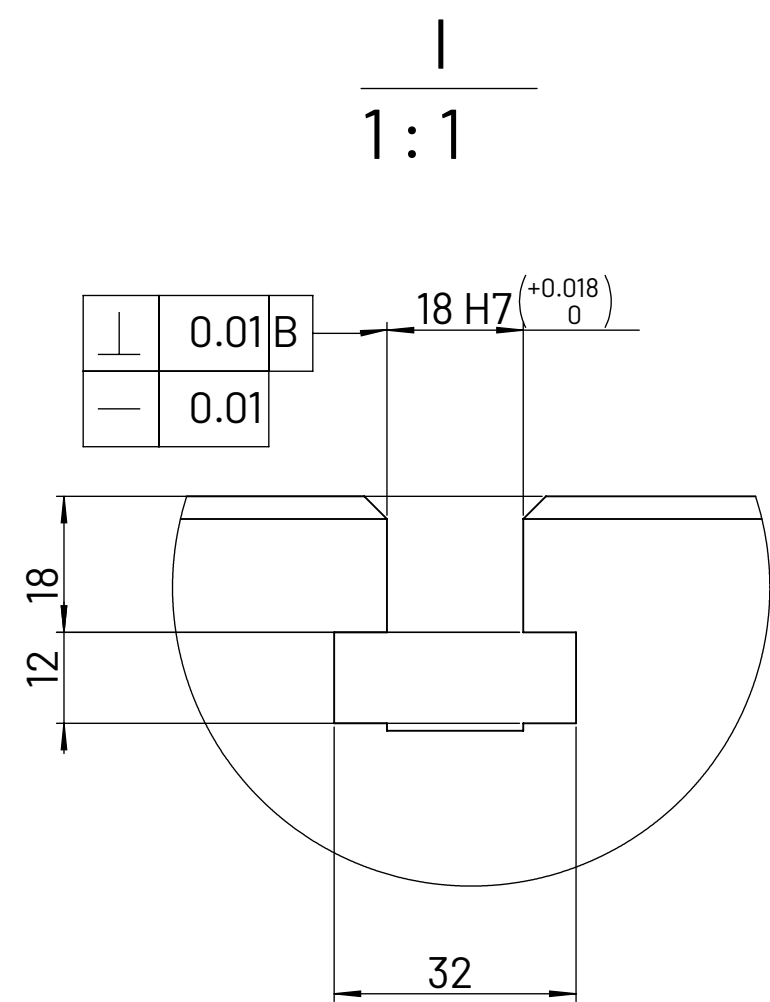
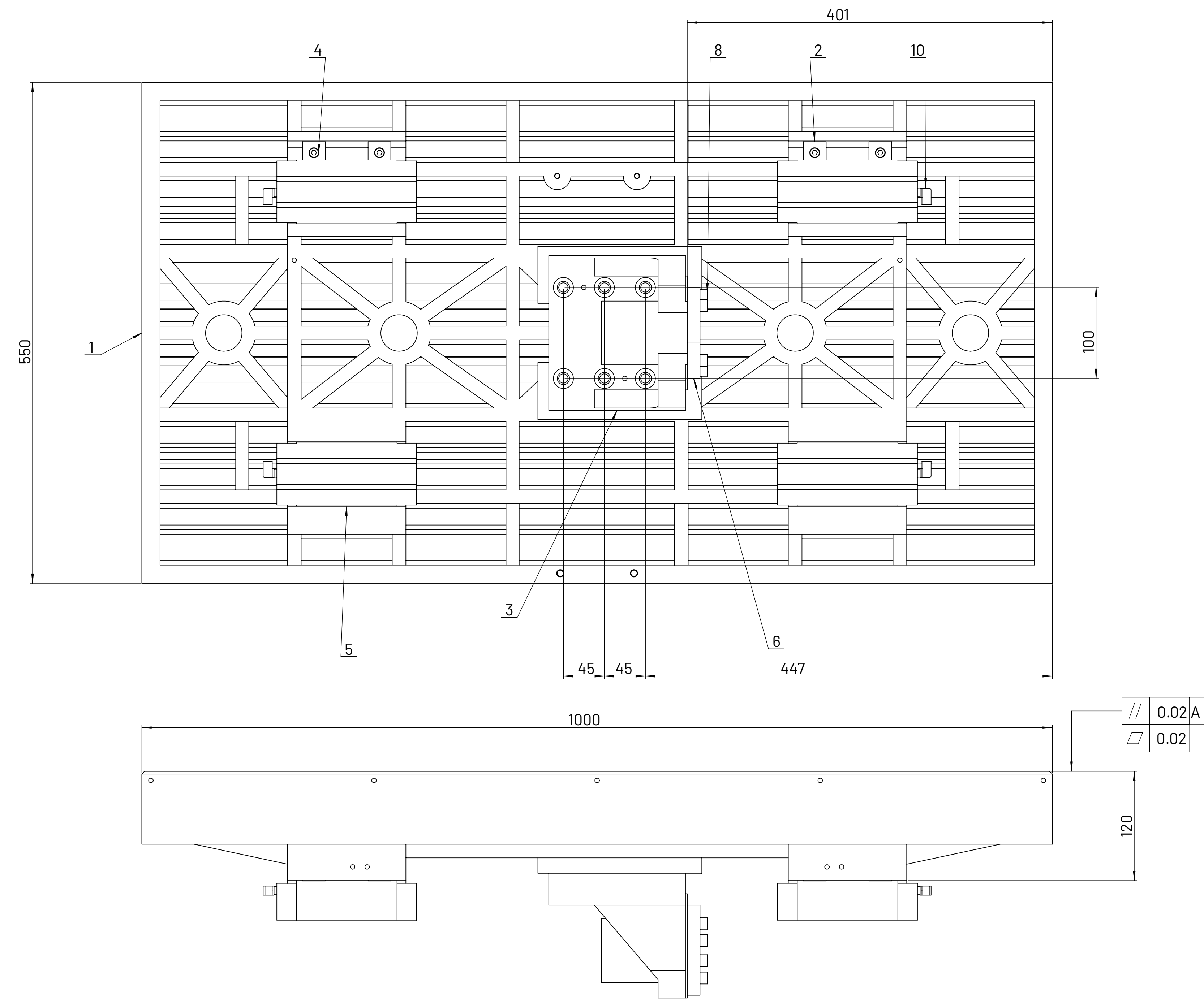
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1	LV855A	MOTOR MOUNT	LV855A.01-02	257*180*180	1	HT250
2		BALL SCREW SPECIALIZED BEARING	TAC-B	30TAC62B	5	45 STEEL
3	LV855A	MOTOR MOUNT COLLISION BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
4	LV855A	MOTOR MOUNT GLAND	LV855A.01-04	99*99*18	1	45
5	TOM-LV855A	MOTOR MOUNT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3
6		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×30(12.9)	2	STEEL
7		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M5×12(12.9)	4	STEEL
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×60(12.9)	10	STEEL
9		INTERNAL THREAD TAPER PIN	GB/T118-2000	8×60	2	STEEL
10		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×25(12.9)	6	STEEL
11		LIP SEALING RING		40*55*8	2	RUBBER
12	TOM-L850	MOTOR END LEAD SCREW SPACER	L850.01-06	25	1	45 STEEL
13		PRECISION ROUND LOCK NUT		M30*1.5	2	45 STEEL
14		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	12	10	STEEL
15		STANDARD SPRING WASHER	GB/T93-1987	12	10	65MN
16	LV855A	BEARING HOUSING	LV855A.01-03	145*95*87	1	HT250
17	LV855A	BEARING HOUSING COLLISION BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
18	LV855A	BEARING HOUSING GLAND	LV855A.01-05	93*79*18	1	45 STEEL
19	LV855A	LEAD SCREW DUST COVER	LV855A.01-11	86*74*40	1	45 STEEL
20		INTERNAL THREAD TAPER PIN	GB/T118-2000	8×50	2	STEEL
21		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×40(12.9)	2	STEEL
22		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	10	STEEL
23	TOM-L850	BEARING HOUSING END LEAD SCREW SPACER	L850.01-07	20	1	45 STEEL
24		X-AXIS LEAD SCREW		Φ40X1269	1	45 STEEL

MACH MDV 855 (PG 2 OF 8)
SPINDLE HEAD PARTS LIST



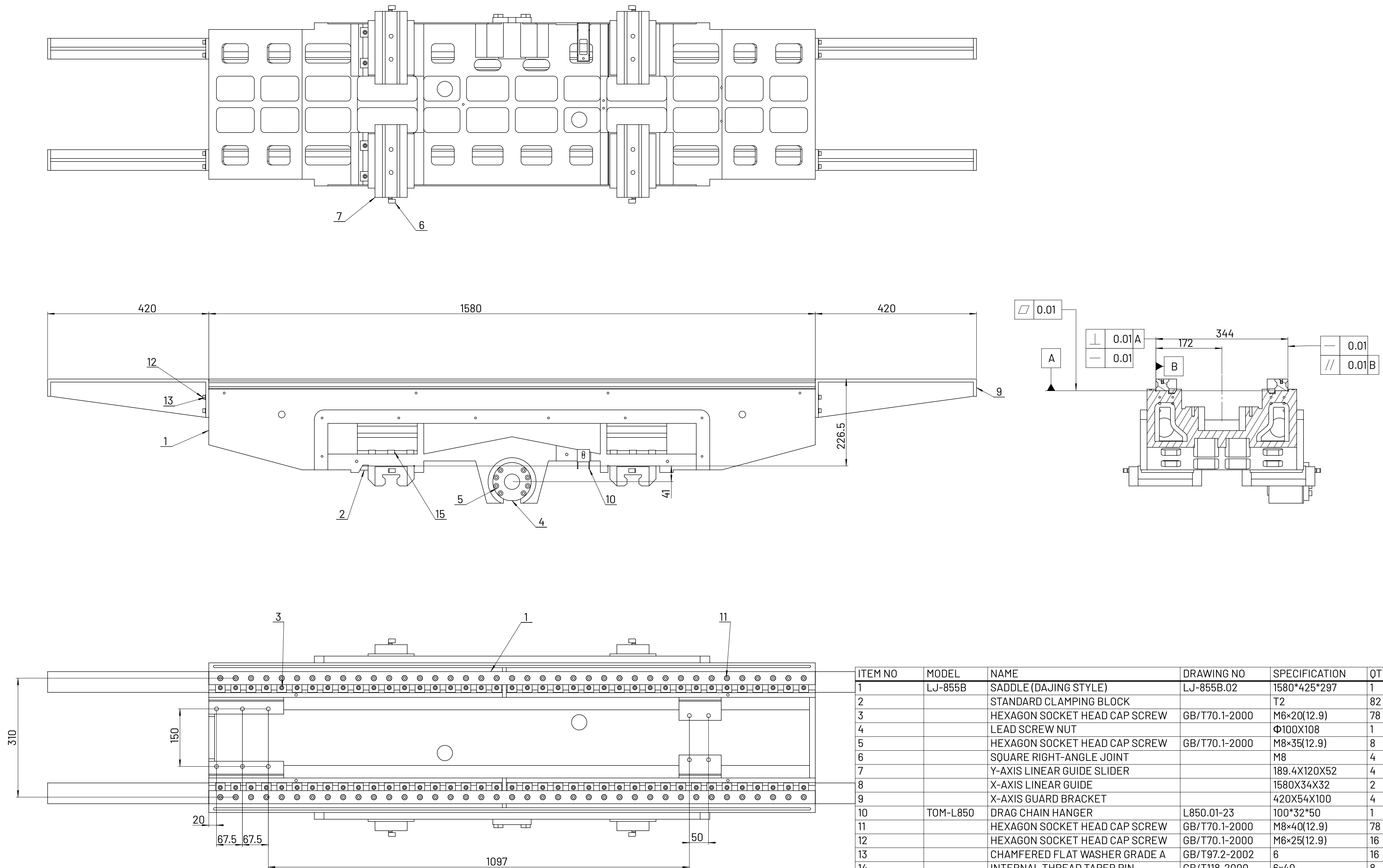
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1	LJ-855B	SPINDLE BOX (DAJING STYLE)	LJ-855B.05	831*585*525	1	HT250
2		LEAD SCREW NUT		Φ100X108	1	45 STEEL
3	LV1160A	Z-AXIS LINEAR GUIDE SLIDER		MSR45LE-A	6	
4		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×50(12.9)	9	STEEL
5		SPINDLE	BT40-150	BELT 8000RPM	1	45 STEEL
6	LV855A	Z-AXIS LINEAR GUIDE SLIDER TOP BLOCK	LV855A.05-17	75*50*20	3	45 STEEL
7	LV855A	MAIN MOTOR PLATE	LV855A.05-01	SPIGOT Φ180 H20	1	HT250
8	LV855A	MAIN MOTOR PLATE ADJUSTMENT BLOCK	LV855A.05-17	60*25*23	1	45 STEEL
9	LJ-855B	AIR CYLINDER COLUMN	LJ-855B.05-02	120*21*21	4	45 STEEL
10	LJ-855B	AIR CYLINDER PLATE	LJ-855B.05-03	220*140*23	1	45 STEEL
11		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×35(12.9)	8	STEEL
12		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×60(12.9)	36	STEEL
13		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×25(12.9)	10	STEEL
14		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	12	4	STEEL
15		TOOL UNCLAMP AIR CYLINDER		HAOCHENG 4.5T	1	
16	LJ-855B	WATER DISTRIBUTION BLOCK	LJ-855B.05-04	170*45*35	1	45 STEEL
17		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×35(12.9)	2	STEEL
18		UNIVERSAL BAMBOO PIPE (COOLANT HOSE)	TY001	PT3-8 LENGTH 360	4	POLYETHYLENE
19		SQUARE RIGHT-ANGLE JOINT		M8	6	COPPER
20		STANDARD SPRING WASHER	GB/T93-1987	12	36	65MN

MACH MDV 855 (PG 3 OF 8)
TABLE ASSEMBLY PARTS LIST



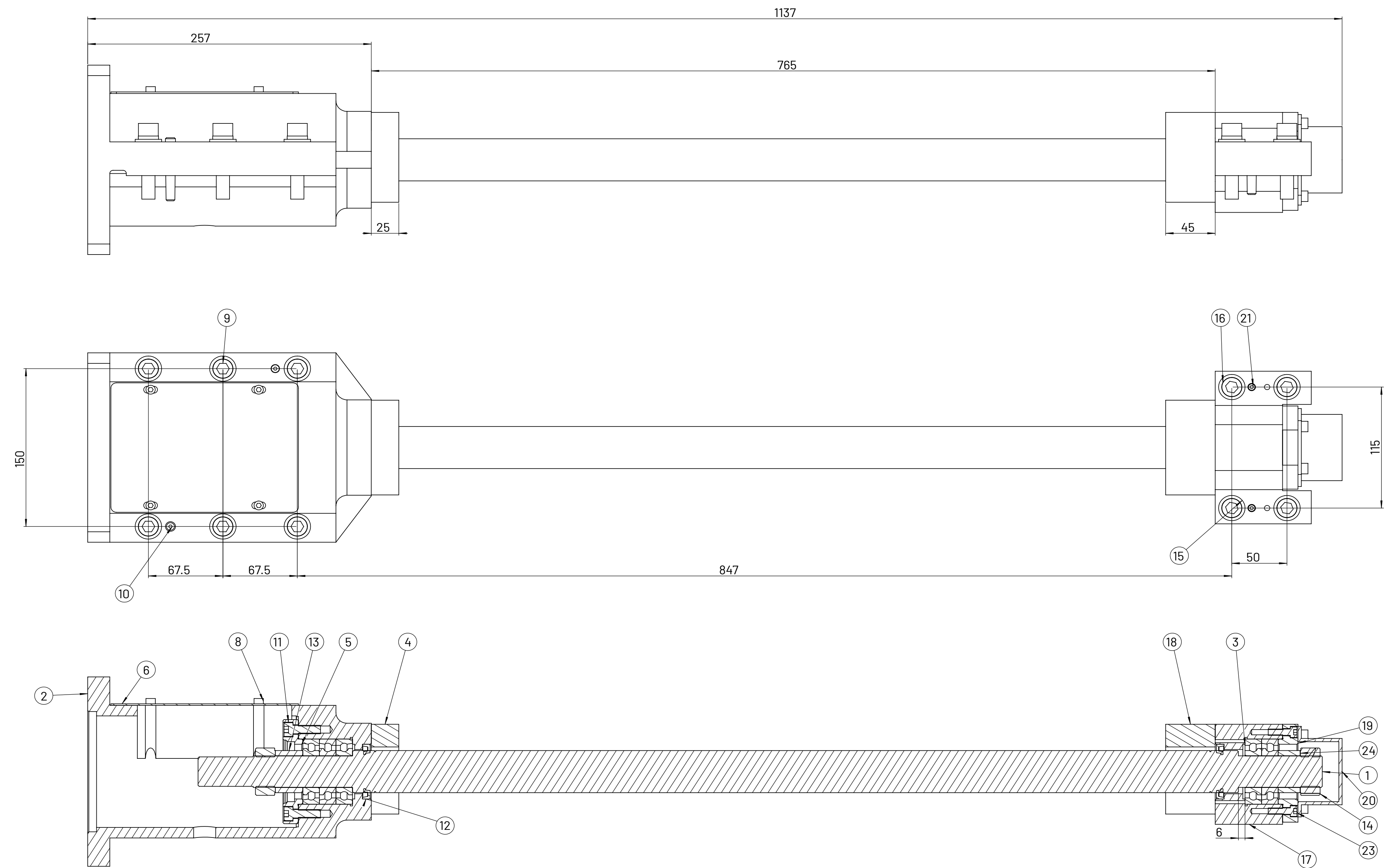
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1	LJ-855B	WORKTABLE (DAJING STYLE)	LJ-855B.03	1000*550*127	1	HT300
2		STANDARD CLAMPING BLOCK		T2	4	ALLOY
3	LV855A	X-AXIS NUT MOUNT	LV855A.02-01	170*152*137	1	45 STEEL
4		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*20(12.9)	4	STEEL
5		X-AXIS LINEAR GUIDE SLIDER		153.5X70X48.5	4	
6		LEAD SCREW NUT		Φ100X108	1	45 STEEL
7	LV855A	WORKTABLE HOLE PLUG	LV855A.02-27	14*14*13	16	RUBBER
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8*35(12.9)	8	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8*45(12.9)	4	STEEL
10		SQUARE RIGHT-ANGLE JOINT		M8	4	COPPER

MACH MDV 855 (PG 4 OF 8)
SADDLE ASSEMBLY PARTS LIST



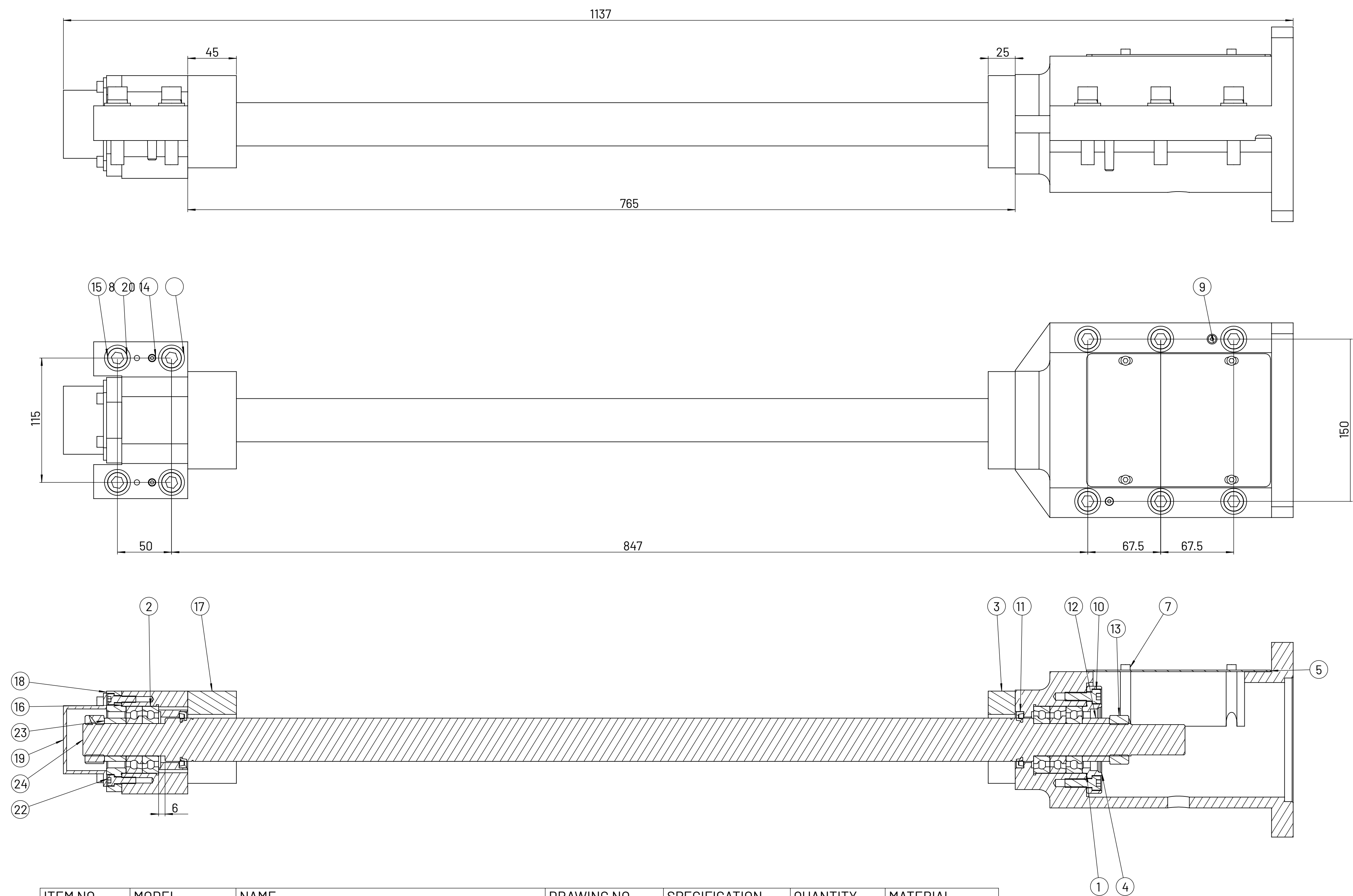
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QTY	MATERIAL
1	LJ-855B	SADDLE (DAJING STYLE)	LJ-855B.02	1580*425*297	1	HT300
2		STANDARD CLAMPING BLOCK		T2	82	ALLOY
3		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	78	STEEL
4		LEAD SCREW NUT		Φ100X108	1	45
5		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×35(12.9)	8	STEEL
6		SQUARE RIGHT-ANGLE JOINT		M8	4	COPPER
7		Y-AXIS LINEAR GUIDE SLIDER		189.4X120X52	4	1.7228 (50CRMO4)
8		X-AXIS LINEAR GUIDE		1580X34X32	2	GCR15
9		X-AXIS GUARD BRACKET		420X54X100	4	45
10	TOM-L850	DRAG CHAIN HANGER	L850.01-23	100*32*50	1	A3
11		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×40(12.9)	78	STEEL
12		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×25(12.9)	16	STEEL
13		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	6	16	STEEL
14		INTERNAL THREAD TAPER PIN	GB/T118-2000	6×40	8	STEEL
15		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×45(12.9)	24	STEEL

MACH MDV 855 (PG 5 OF 8)
Y-AXIS PARTS LIST



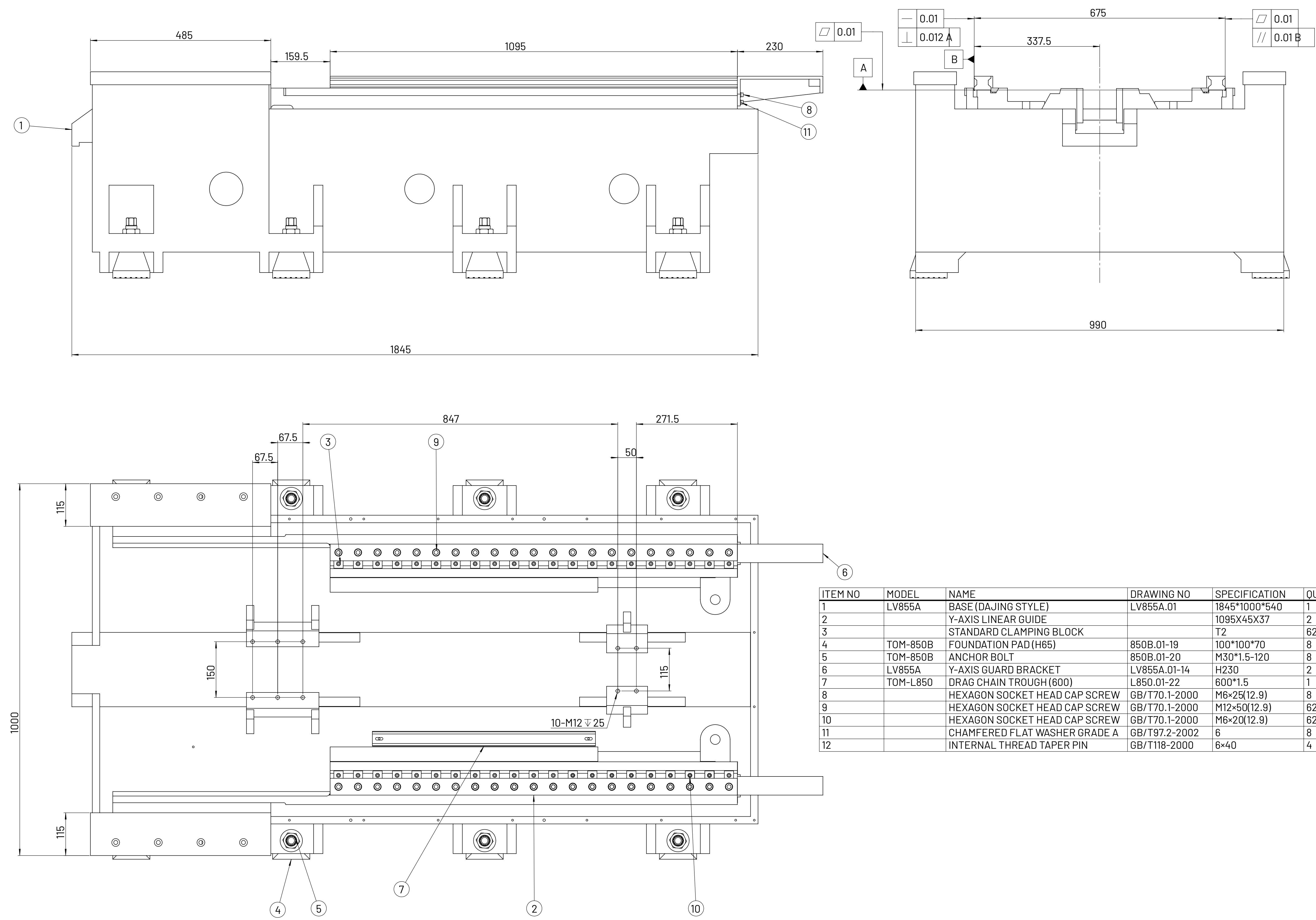
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1		Y-AXIS LEAD SCREW		Φ40X1019	1	45 STEEL
2	LV855A	MOTOR MOUNT	LV855A.01-02	257*180*180	1	HT250
3		BALL SCREW SPECIALIZED BEARING	TAC-B	30TAC62B	5	45 STEEL
4	LV855A	MOTOR MOUNT COLLISION BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
5	LV855A	MOTOR MOUNT GLAND	LV855A.01-04	99*99*18	1	45 STEEL
6	TOM-LV855A	MOTOR MOUNT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3
7		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×30(12.9)	2	STEEL
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M5×12(12.9)	4	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×60(12.9)	10	STEEL
10		INTERNAL THREAD TAPER PIN	GB/T118-2000	8×60	2	STEEL
11		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×25(12.9)	6	STEEL
12		LIP SEALING RING		40*55*8	2	RUBBER
13	TOM-L850	MOTOR END LEAD SCREW SPACER	L850.01-06	25	1	45 STEEL
14		PRECISION ROUND LOCK NUT		M30*1.5	2	45 STEEL
15		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	12	10	STEEL
16		STANDARD SPRING WASHER	GB/T93-1987	12	10	65MN
17	LV855A	BEARING HOUSING	LV855A.01-03	145*95*87	1	HT250
18	LV855A	BEARING HOUSING COLLISION BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
19	LV855A	BEARING HOUSING GLAND	LV855A.01-05	93*79*18	1	45 STEEL
20	LV855A	LEAD SCREW DUST COVER	LV855A.01-11	86*74*40	1	45 STEEL
21		INTERNAL THREAD TAPER PIN	GB/T118-2000	8×50	2	STEEL
22		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×40(12.9)	2	STEEL
23		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	10	STEEL
24	TOM-L850	BEARING HOUSING END LEAD SCREW SPACER	L850.01-07	20	1	45 STEEL

MACH MDV 855 (PG 6 OF 8)
SPINDLE HEAD PARTS LIST



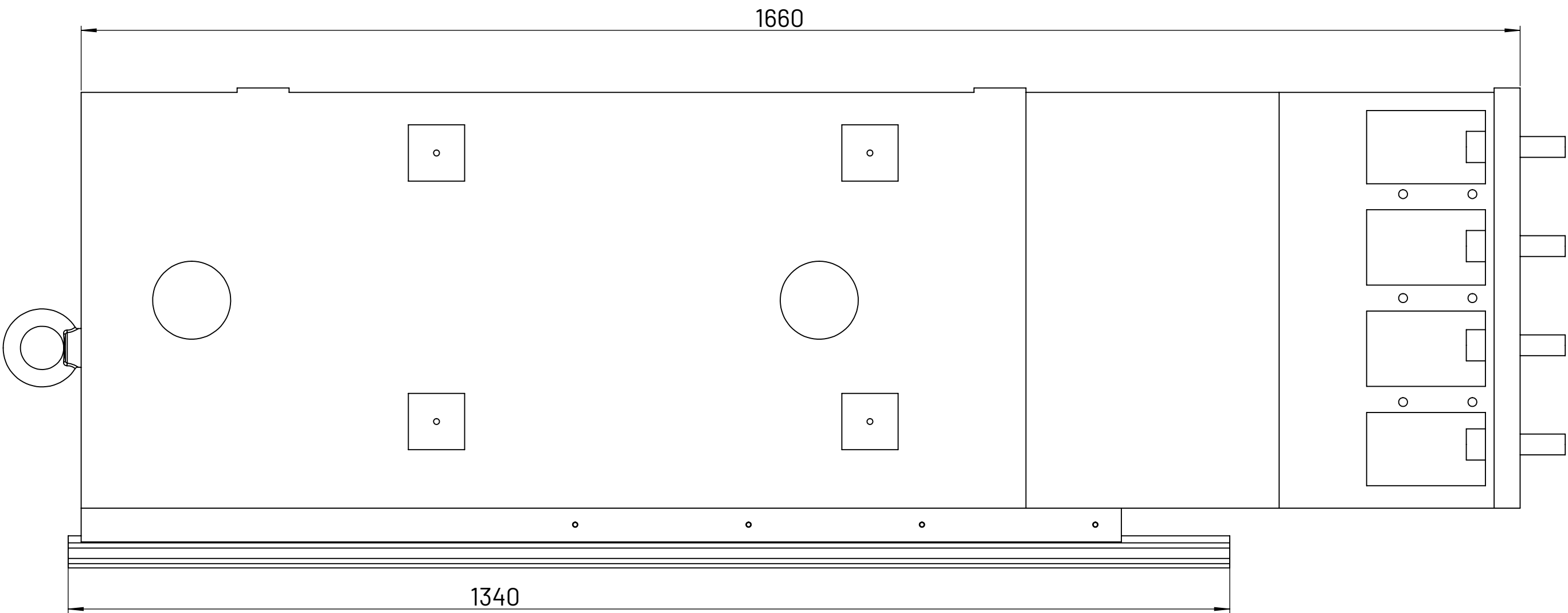
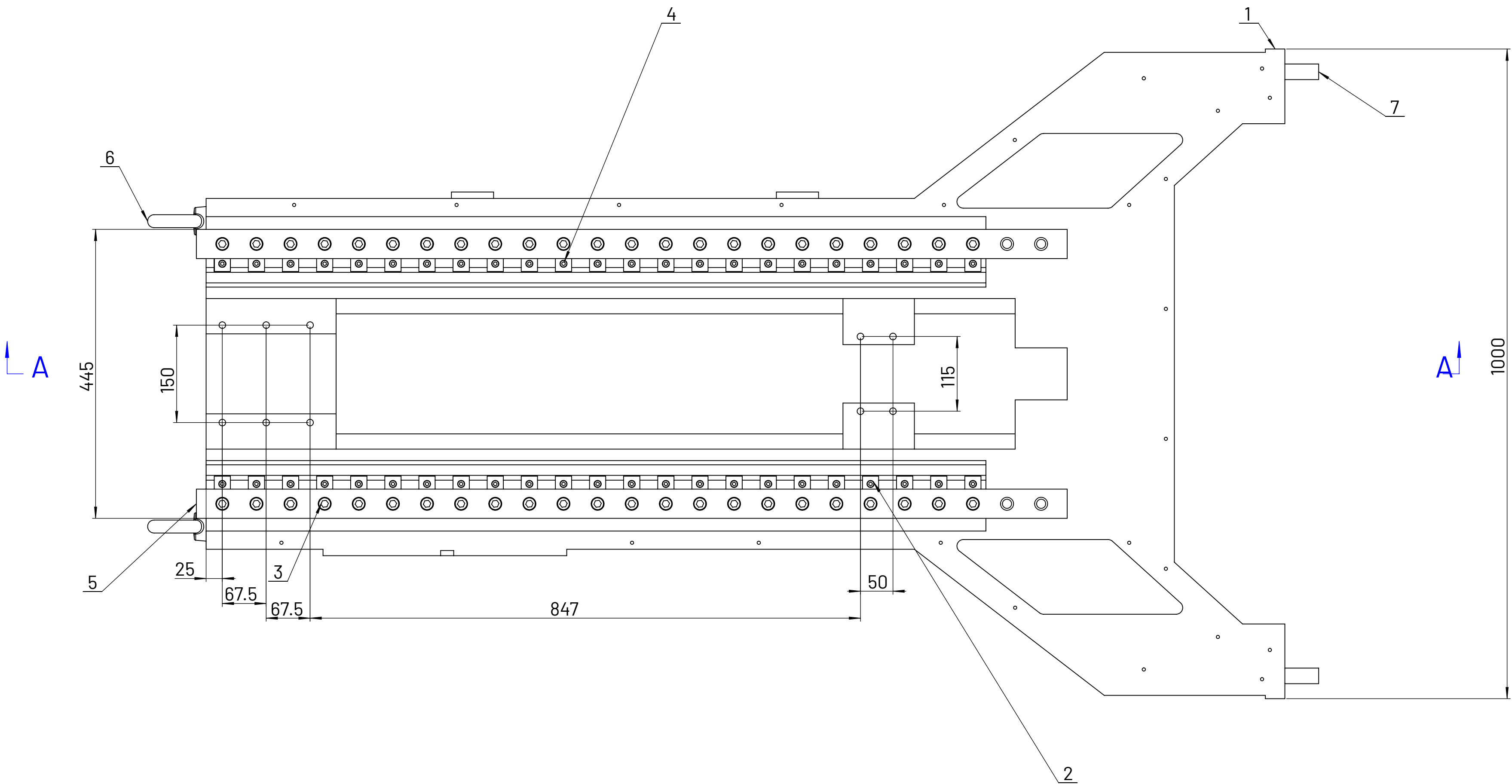
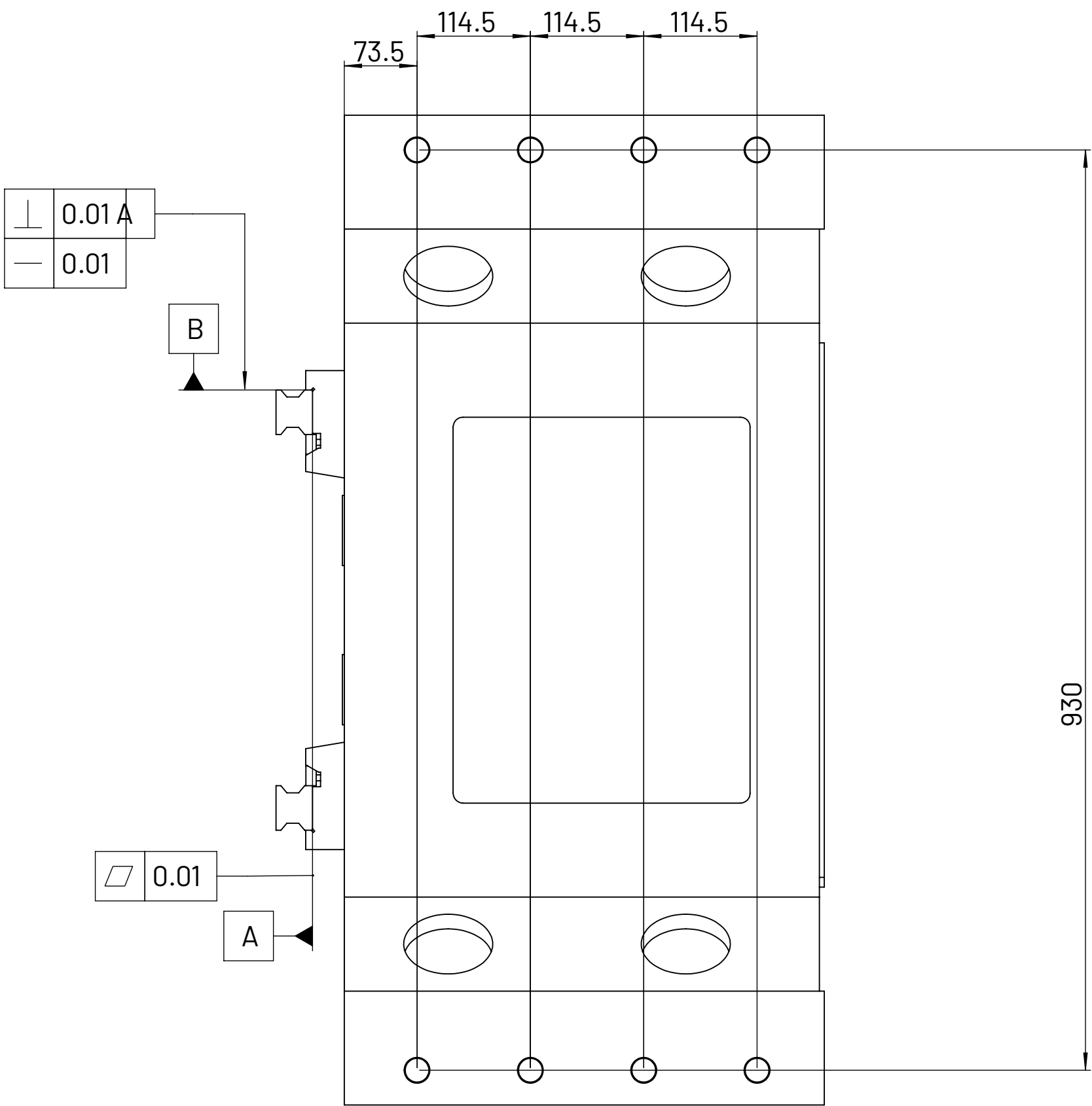
ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1	LV855A	MOTOR MOUNT	LV855A.01-02	257*180*180	1	HT250
2		BALL SCREW SPECIALIZED BEARING	TAC-B	30TAC62B	5	45 STEEL
3	LV855A	MOTOR MOUNT COLLISION BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
4	LV855A	MOTOR MOUNT GLAND	LV855A.01-04	99*99*18	1	45 STEEL
5	TOM-LV855A	MOTOR MOUNT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3
6		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8*30(12.9)	2	STEEL
7		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M5*12(12.9)	4	STEEL
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12*60(12.9)	10	STEEL
9		INTERNAL THREAD TAPER PIN	GB/T118-2000	8*60	2	STEEL
10		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8*25(12.9)	6	STEEL
11		LIP SEALING RING		40*55*8	2	RUBBER
12	TOM-L850	MOTOR END LEAD SCREW SPACER	L850.01-06	25	1	45 STEEL
13		PRECISION ROUND LOCK NUT		M30*1.5	2	45 STEEL
14		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	12	10	STEEL
15		STANDARD SPRING WASHER	GB/T93-1987	12	10	65MN
16	LV855A	BEARING HOUSING	LV855A.01-03	145*95*87	1	HT250
17	LV855A	BEARING HOUSING COLLISION BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
18	LV855A	BEARING HOUSING GLAND	LV855A.01-05	93*79*18	1	45 STEEL
19	LV855A	LEAD SCREW DUST COVER	LV855A.01-11	86*74*40	1	45 STEEL
20		INTERNAL THREAD TAPER PIN	GB/T118-2000	8*50	2	STEEL
21		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8*40(12.9)	2	STEEL
22		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*20(12.9)	10	STEEL
23	TOM-L850	BEARING HOUSING END LEAD SCREW SPACER	L850.01-07	20	1	45 STEEL
24		Z-AXIS LEAD SCREW		Φ40X1019	1	50CRM04

MACH MDV 855 (PG 7 OF 8)
BASE FRAME PARTS LIST



ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QUANTITY	MATERIAL
1	LV855A	BASE (DAJING STYLE)	LV855A.01	1845*1000*540	1	HT300
2		Y-AXIS LINEAR GUIDE		1095X45X37	2	
3		STANDARD CLAMPING BLOCK		T2	62	ALLOY
4	TOM-850B	FOUNDATION PAD (H65)	850B.01-19	100*100*70	8	HT300
5	TOM-850B	ANCHOR BOLT	850B.01-20	M30*1.5-120	8	45 STEEL
6	LV855A	Y-AXIS GUARD BRACKET	LV855A.01-14	H230	2	45 STEEL
7	TOM-L850	DRAG CHAIN TROUGH (600)	L850.01-22	600*1.5	1	A3
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*25(12.9)	8	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12*50(12.9)	62	STEEL
10		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*20(12.9)	62	STEEL
11		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	6	8	STEEL
12		INTERNAL THREAD TAPER PIN	GB/T118-2000	6*40	4	STEEL

MACH MDV 855 (PG 8 OF 8)
VERTICAL COLUMN PARTS LIST



ITEM NO	MODEL	NAME	DRAWING NO	SPECIFICATION	QTY	MATERIAL
1	LV855A	COLUMN (DAJING STYLE)	LV855A.04	1660*1000*524	1	HT250
2		STANDARD CLAMPING BLOCK		T2	47	ALLOY
3		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×50(12.9)	46	STEEL
4		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	46	STEEL
5	LV1160A	Z-AXIS LINEAR GUIDE		MSR45LE3SSF1A+R1340-40/40PII	2	
7		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M24×90(12.9)	8	STEEL



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