



PARTS LIST

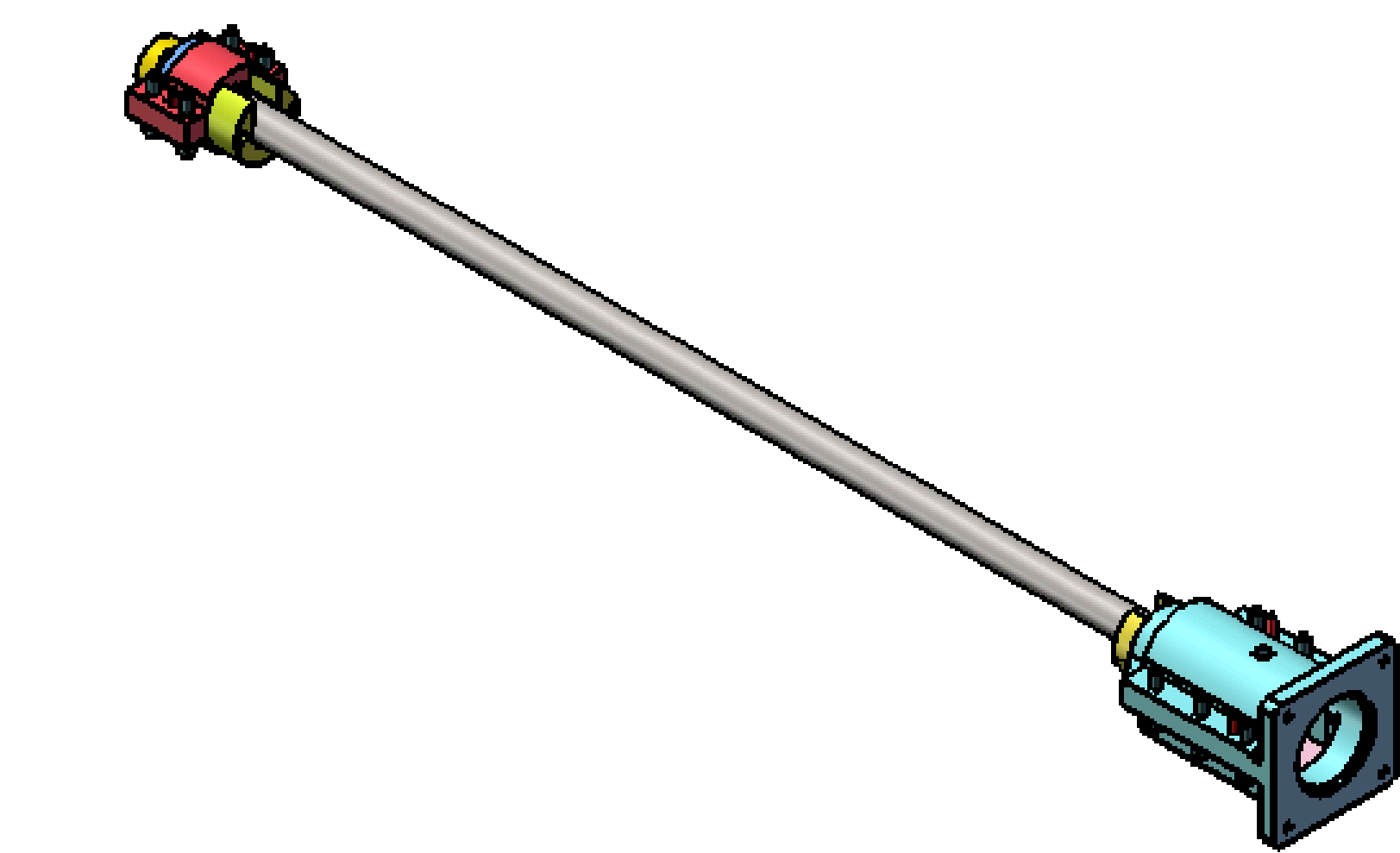
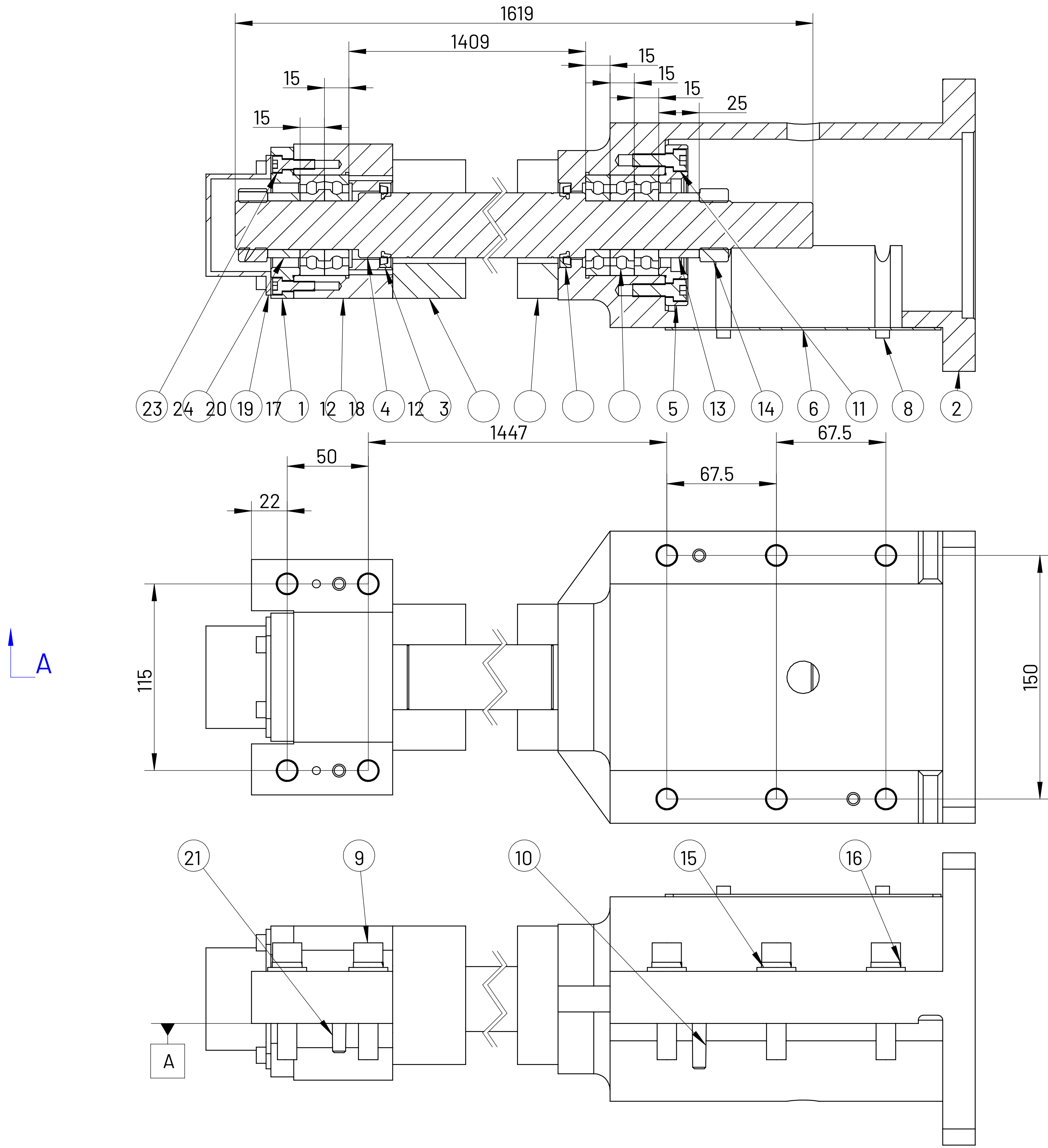
MDV 1160

Vertical Machining Centre



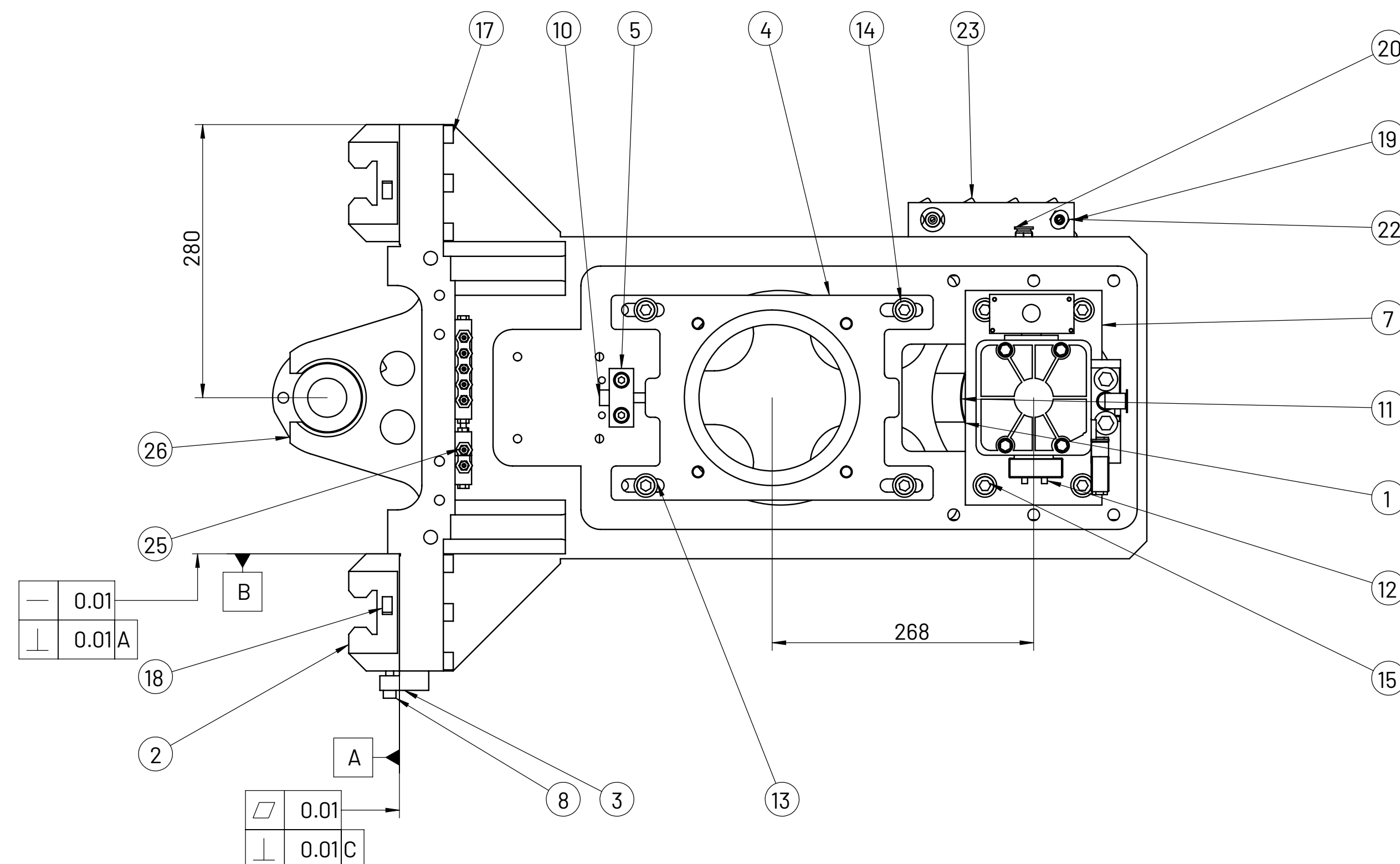
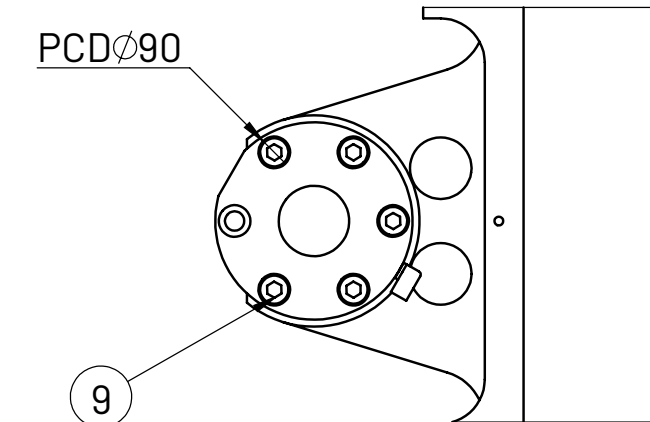
Parts List

MACH MDV 1160 (PG 1 OF 8)
X-AXIS PARTS LIST



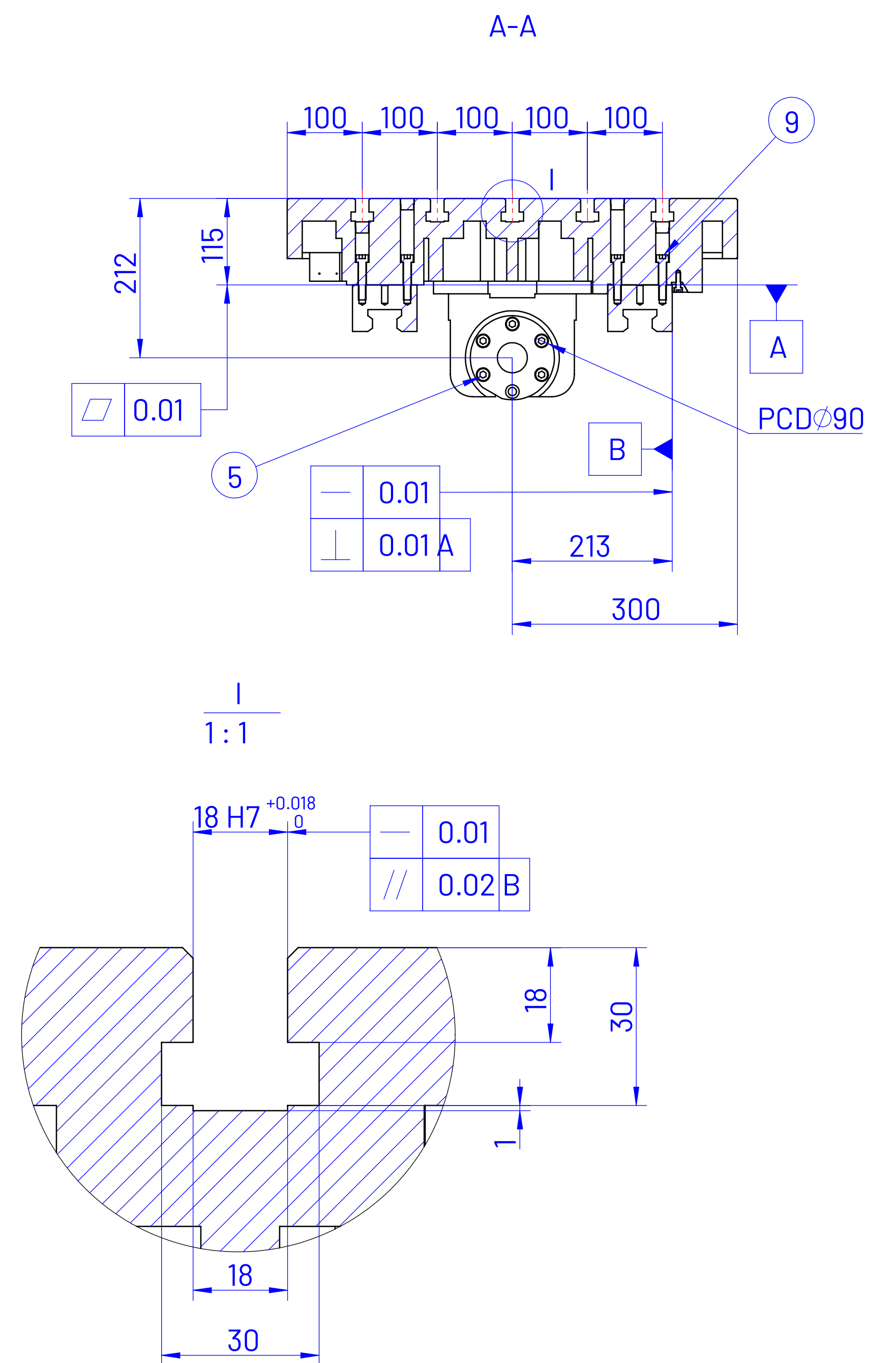
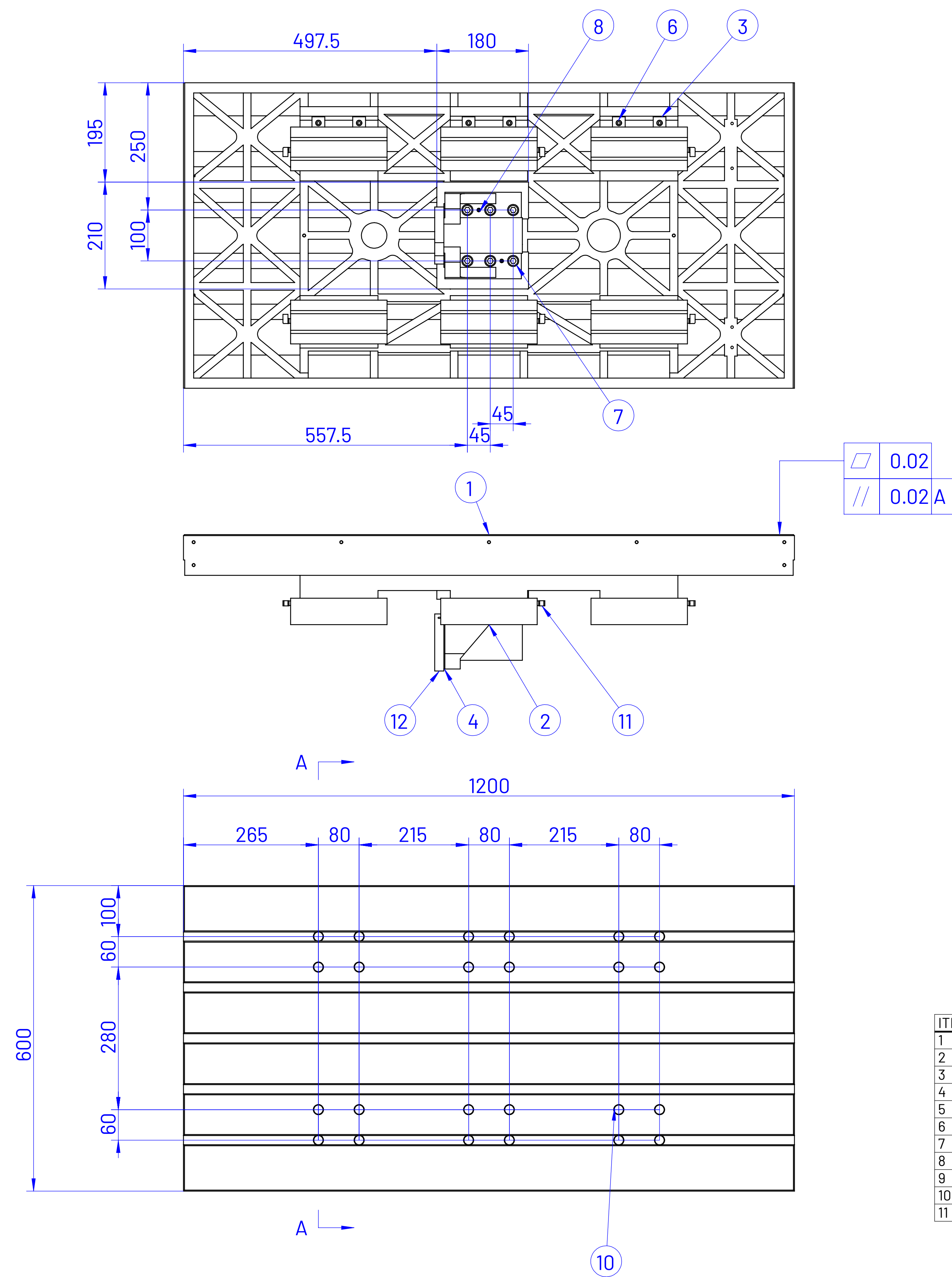
ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LV1160A	X-AXIS LEAD SCREW		1R40-12T5-1FDDC-1353-1690-0.008	1	50CRMO4 QT
2	LV855A	MOTOR SEAT	LV855A.01-02	257*180*180	1	HT250
3		BALL SCREW SPECIAL BEARING	TAC-B	30TAC62B	5	45 STEEL
4	LV855A	MOTOR SEAT BUMPER BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
5	LV855A	MOTOR SEAT PRESS COVER	LV855A.01-04	99*99*18	1	45 STEEL
6	TOM-LV855A	MOTOR SEAT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3 STEEL
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 SEAL 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 SEAT	LV855A.01-03	145*95*87	1	HT250
18	LV855A	BEARING SEAT BUMPER BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
19	LV855A	BEARING SEAT PRESS COVER	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 SEAT END LEAD SCREW SPACER	L850.01-07	∅40*20	1	45 STEEL

MACH MDV 1160 (PG 2 OF 8)
SPINDLE HEAD PARTS LIST



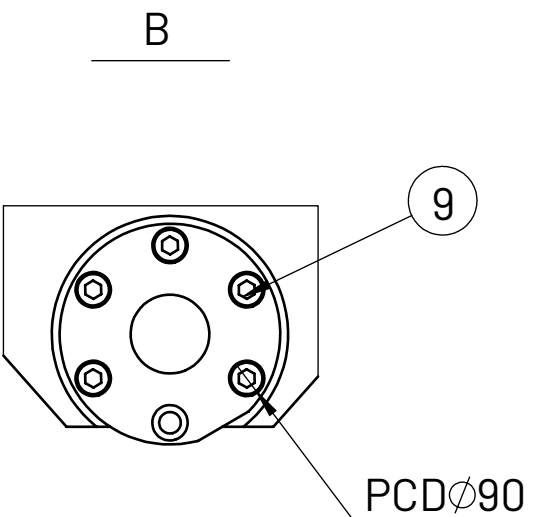
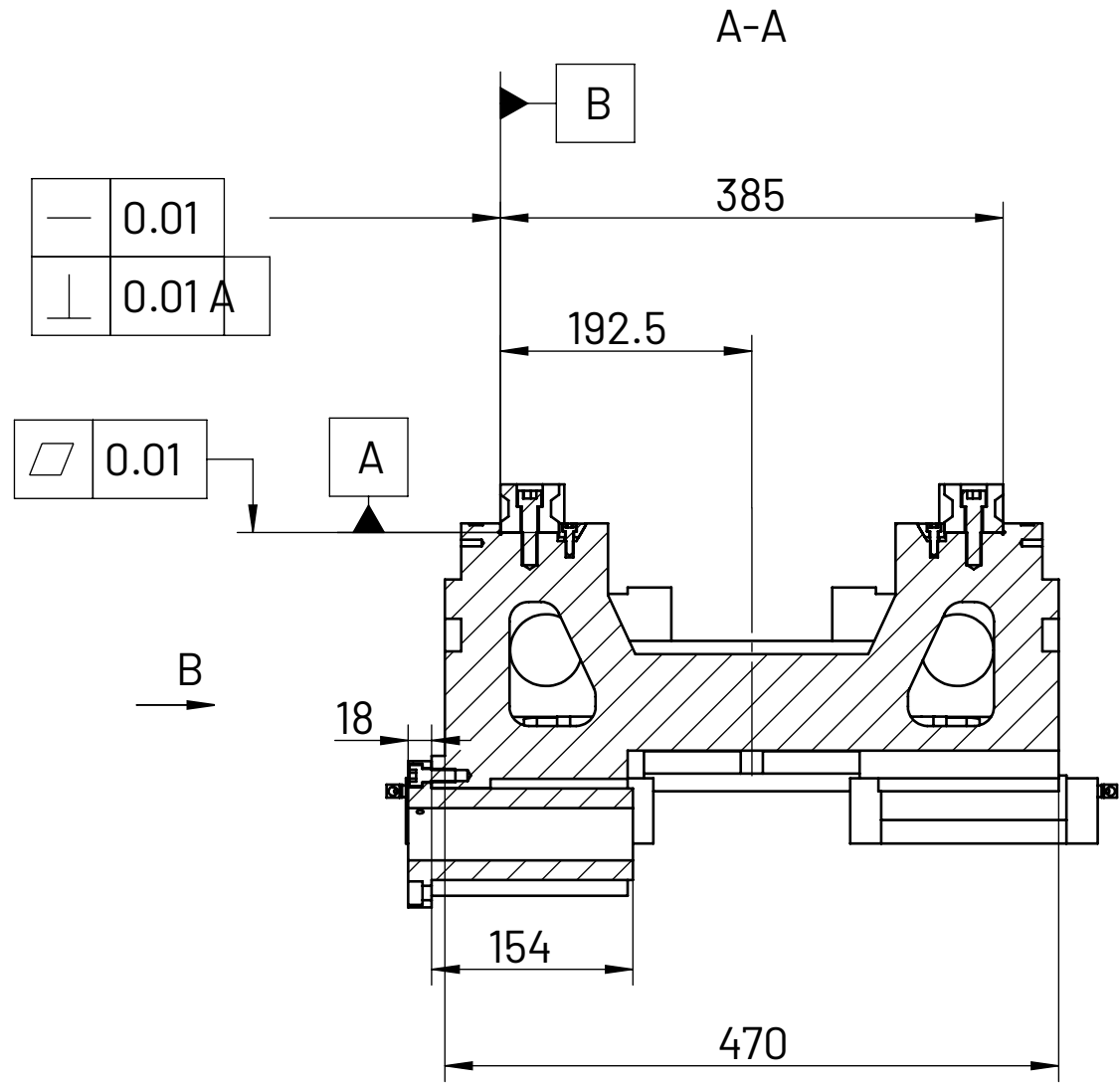
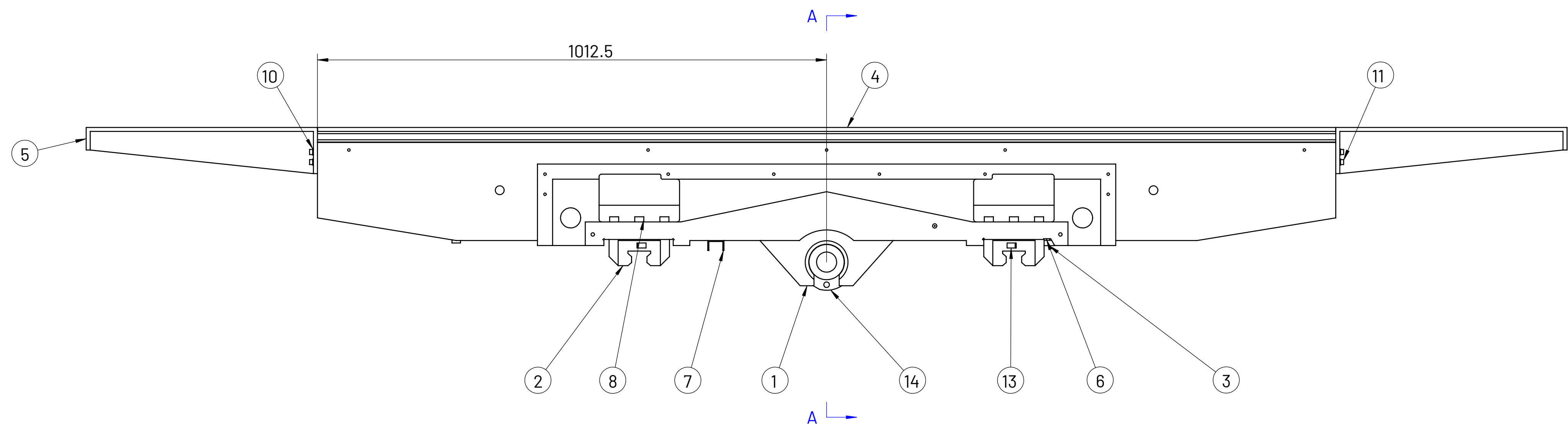
ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LJ-1160B	HEADSTOCK (DAJING MODEL)	LJ-1160B.05	878*595*560	1	HT300
2	LV1160A	Z-AXIS LINEAR GUIDE SLIDER		MSR45LE-A	6	G20CRMO
3	LV855A	Z-AXIS LINEAR GUIDE SLIDER TOP BLOCK	LV855A.04-21	75*50*20	3	45 STEEL
4	LV855A	MAIN MOTOR PLATE	LV855A.05-01	SPIGOT Φ180 H20	1	HT250
5	LV855A	MAIN MOTOR PLATE ADJUSTMENT BLOCK	LV855A.05-17	60*25*23	1	45 STEEL
6	LJ-855B	AIR CYLINDER COLUMN	LJ-855B.05-02	120*21*21	4	45 STEEL
7	LJ-855B	AIR CYLINDER PLATE	LJ-855B.05-03	220*140*23	1	45 STEEL
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M8×25(12.9)	14	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10×35(12.9)	5	STEEL
10		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10×55(12.9)	1	STEEL
11		SPINDLE		BT40-150 BELT 8000RPM	1	45 STEEL
12		TOOL UNCLAMP AIR CYLINDER		4.5T	1	45 STEEL
13		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	12	12	STEEL
14		STANDARD SPRING WASHER	GB/T93-1987	12	48	65MN
15		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×45(12.9)	12	STEEL
16		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10×40(12.9)	8	STEEL
17		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×60(12.9)	36	STEEL
18		SQUARE RIGHT ANGLE JOINT		M8X1.0	7	COPPER
19	LJ-855B	WATER DISTRIBUTION BLOCK	LJ-855B.05-04	170*45*35	1	45 STEEL
20		STRAIGHT FITTING		1-4-10	1	COPPER
21		PLUG		3-8-10	1	COPPER
22		STRAIGHT FITTING		3-8-10	1	BRASS
23		BAMBOO JOINT PIPE		PT3-8	4	POLYETHYLENE
24		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×40(12.9)	2	STEEL
25	GENERAL	OIL DISTRIBUTOR		2-WAY + 5-WAY	1	

MACH MDV 1160 (PG 3 OF 8)
TABLE ASSEMBLY PARTS LIST

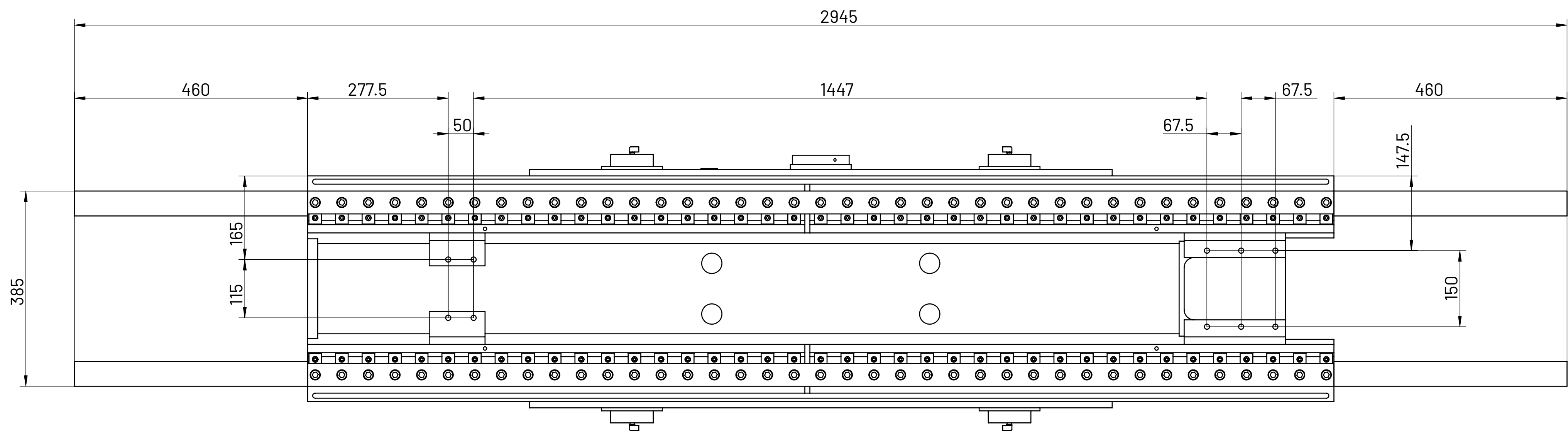


ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LJ-1160B	WORKTABLE (DAJING MODEL)	LJ-1160B.03	1200*600*127	1	HT300
2	LJ-1160A	X-AXIS LINEAR GUIDE SLIDER		MSR45LS-A	6	G20CRM0
3		STANDARD PRESS BLOCK		T2	6	45 STEEL
4	LV1160A	X-AXIS NUT SEAT	LV1160A.02-01	170*152*137	1	HT250
5		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10*35(12.9)	5	STEEL
6		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*20(12.9)	6	STEEL
7		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12*50(12.9)	6	STEEL
8		INTERNAL THREAD TAPER PIN	GB/T118-2000	8*60	2	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10*50(12.9)	24	STEEL
10	LV1160A	WORKTABLE HOLE PLUG	LV1160A.02-27	18*18*15	24	NYLON
11		SQUARE RIGHT ANGLE JOINT		M8X1.0	6	COPPER

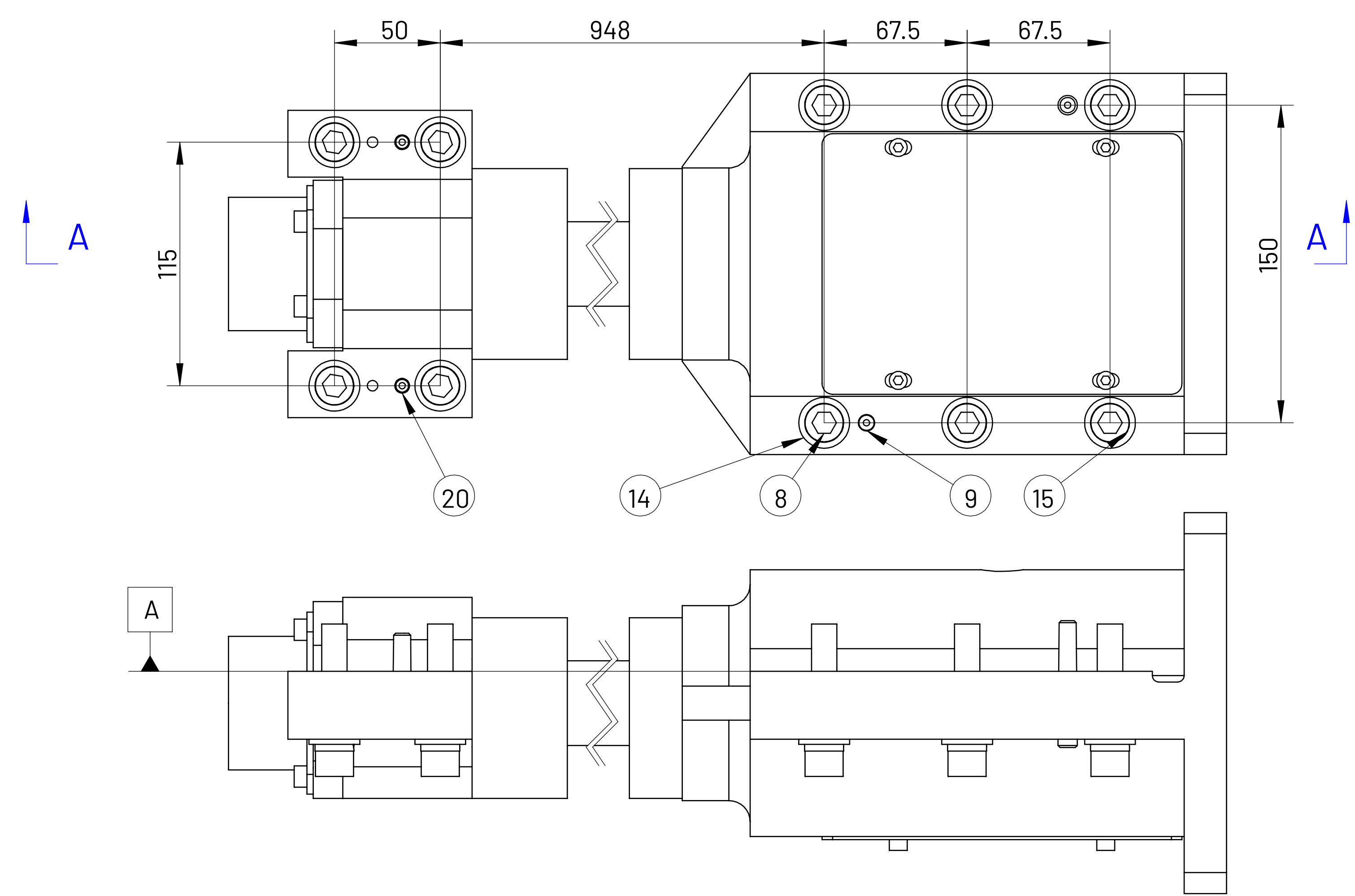
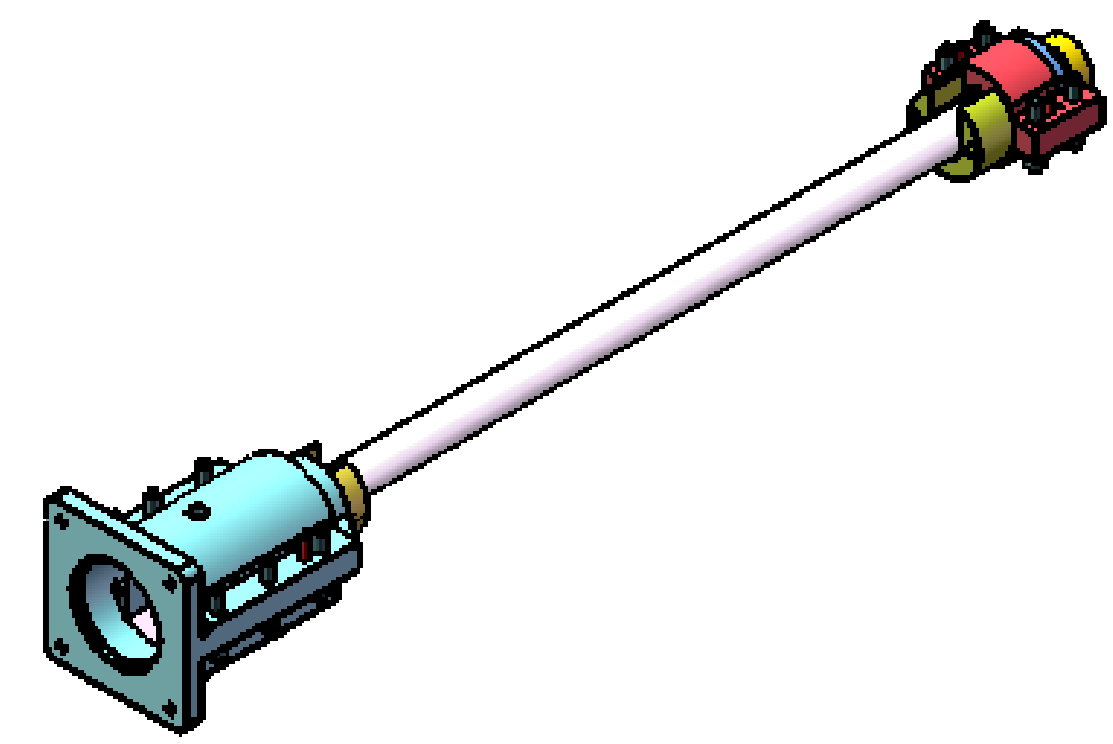
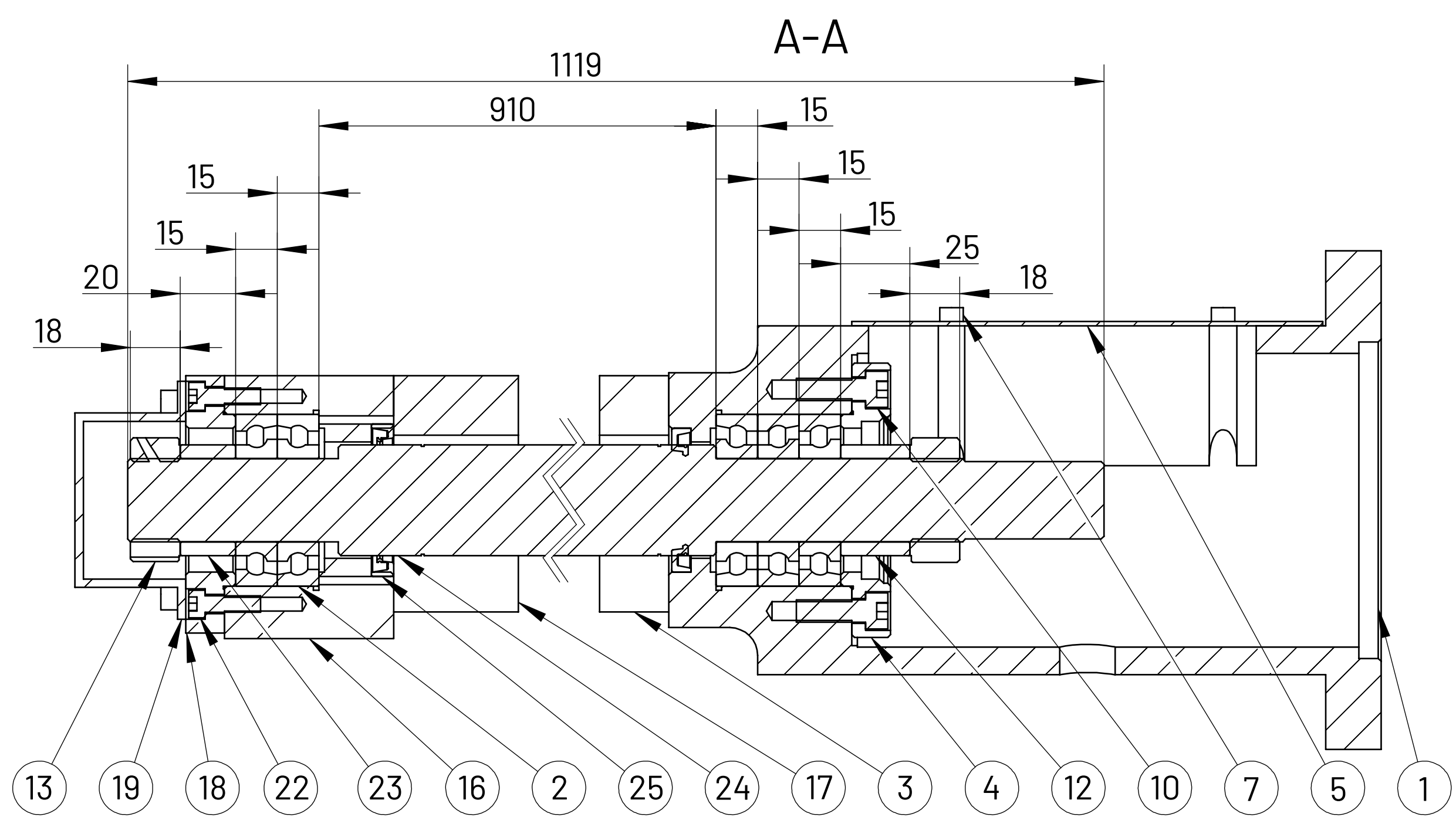
MACH MDV 1160 (PG 4 OF 8)
SADDLE ASSEMBLY PARTS LIST



ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LJ-1160B	SADDLE (DAJING MODEL)	LJ-1160B.02	2025*480*285	1	HT300
2	LJ-1160A	Y-AXIS LINEAR GUIDE SLIDER		MSR45LE-A	4	
3		STANDARD PRESS BLOCK		T2	83	45 STEEL
4	TOM-1160	X-AXIS LINEAR GUIDE		MSR45LS3SSF1A+R 2025-15/15PII	2	
5	LV1160A	X-AXIS GUARD BRACKET	LV1160A.02-13	460*92*49	4	45 STEEL
6		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	82	STEEL
7	TOM-L850	DRAG CHAIN BUCKLE	L850.01-23	100*32*50	1	A3 STEEL
8		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×45(12.9)	102	STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M10×25(12.9)	5	STEEL
10		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	6	16	STEEL
11		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×25(12.9)	16	STEEL
12		INTERNAL THREAD TAPER PIN	GB/T118-2000	6×40	8	STEEL
13		SQUARE RIGHT ANGLE JOINT		M8X1.0	4	COPPER

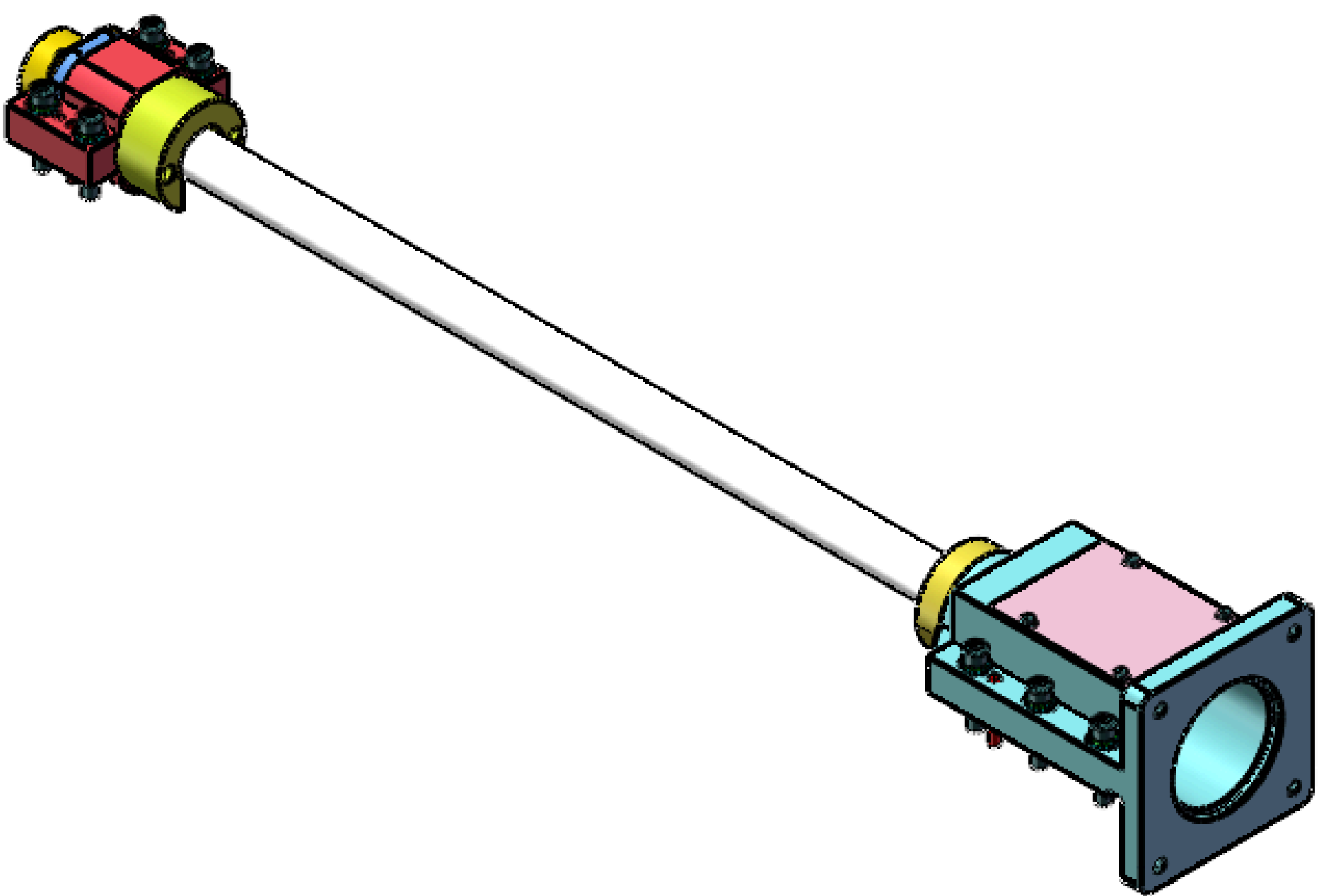
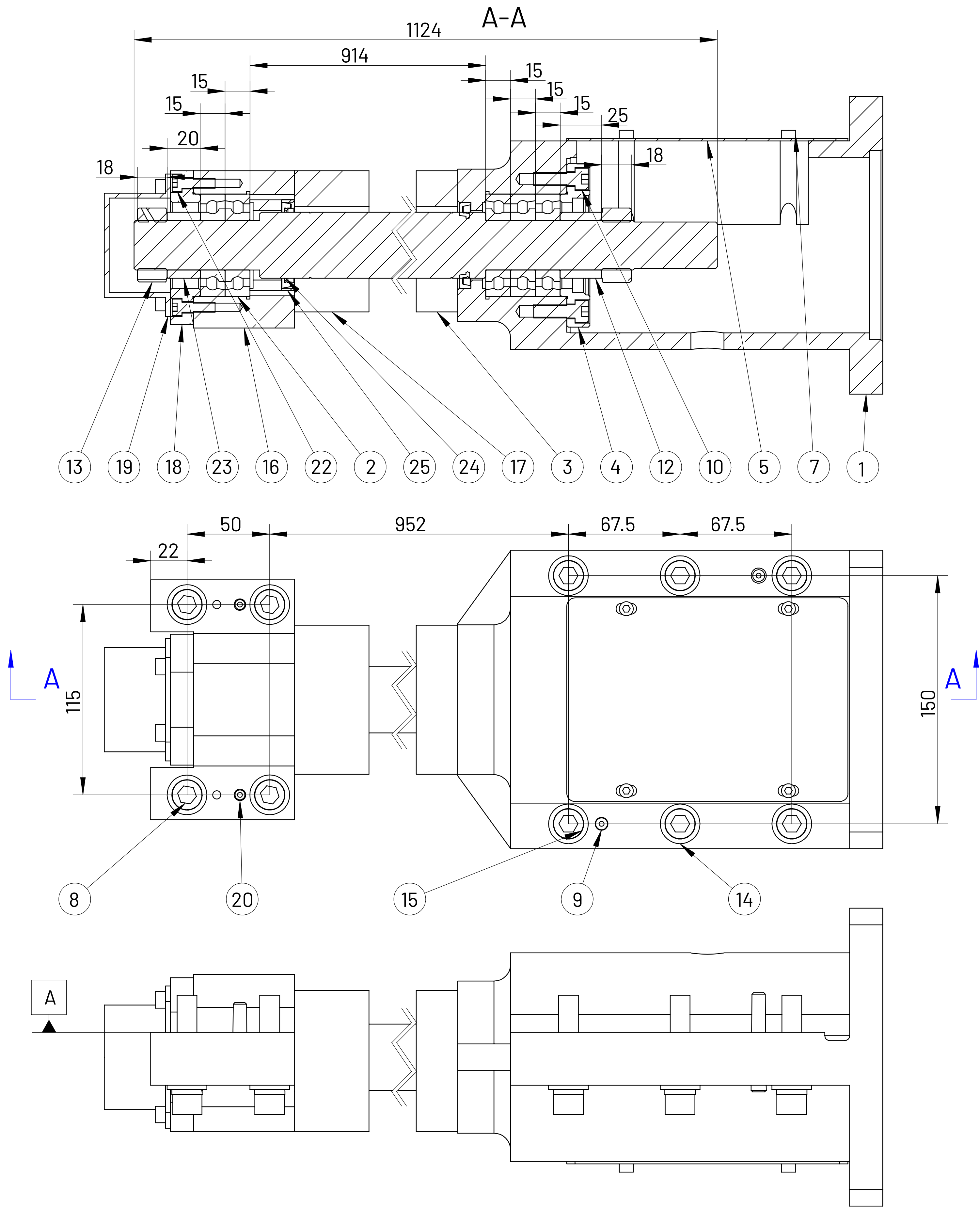


MACH MDV 1160 (PG 5 OF 8)
Y-AXIS PARTS LIST



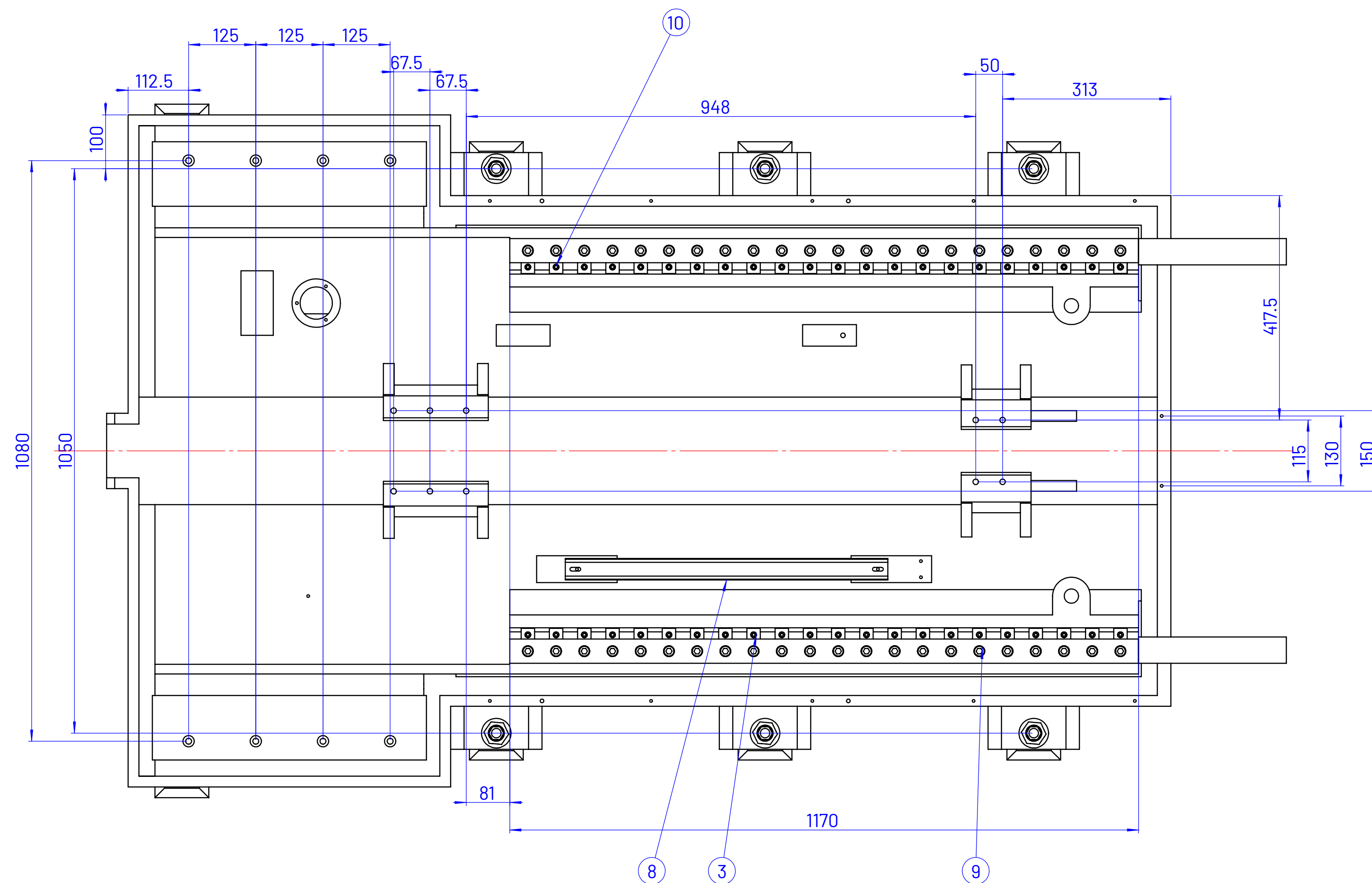
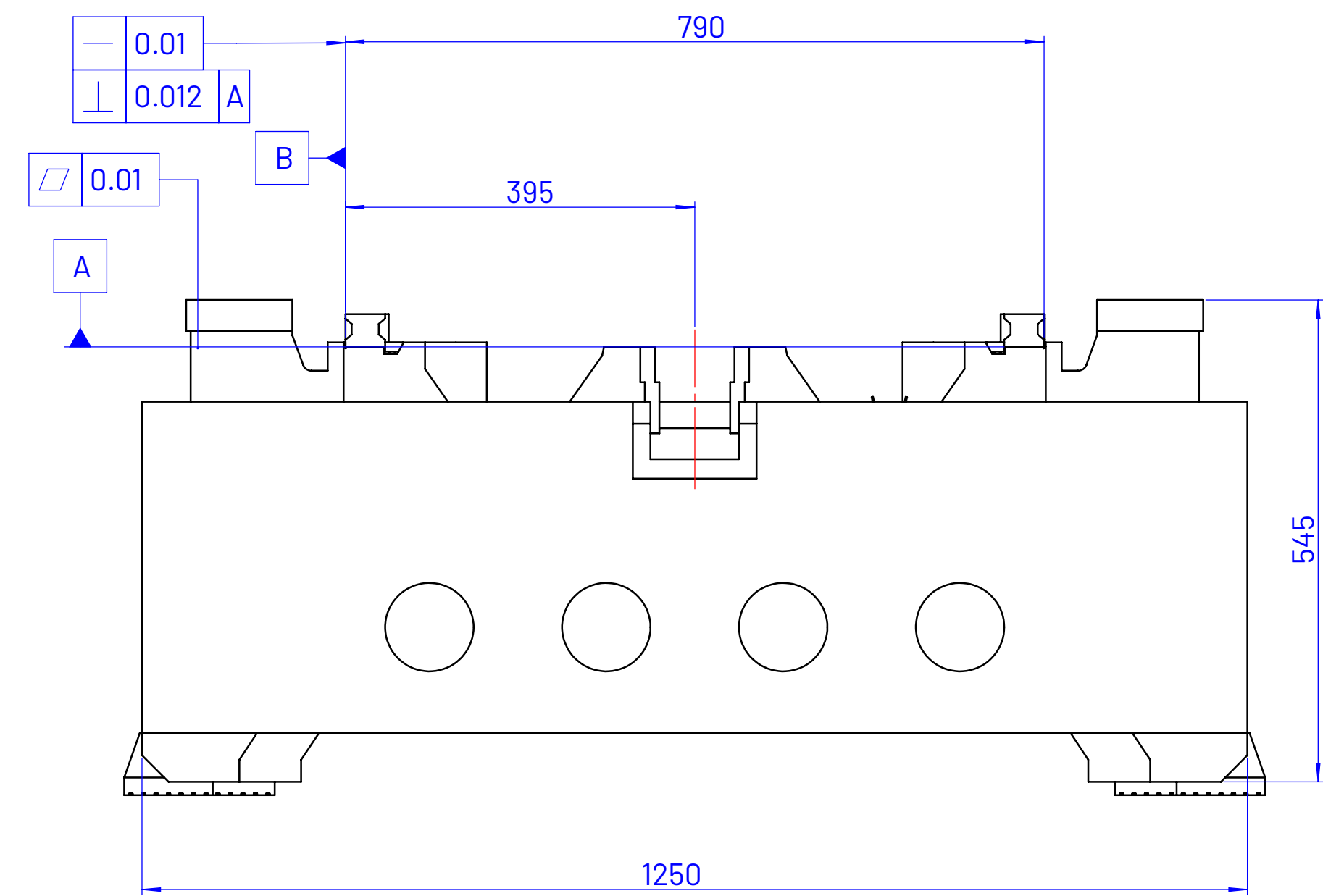
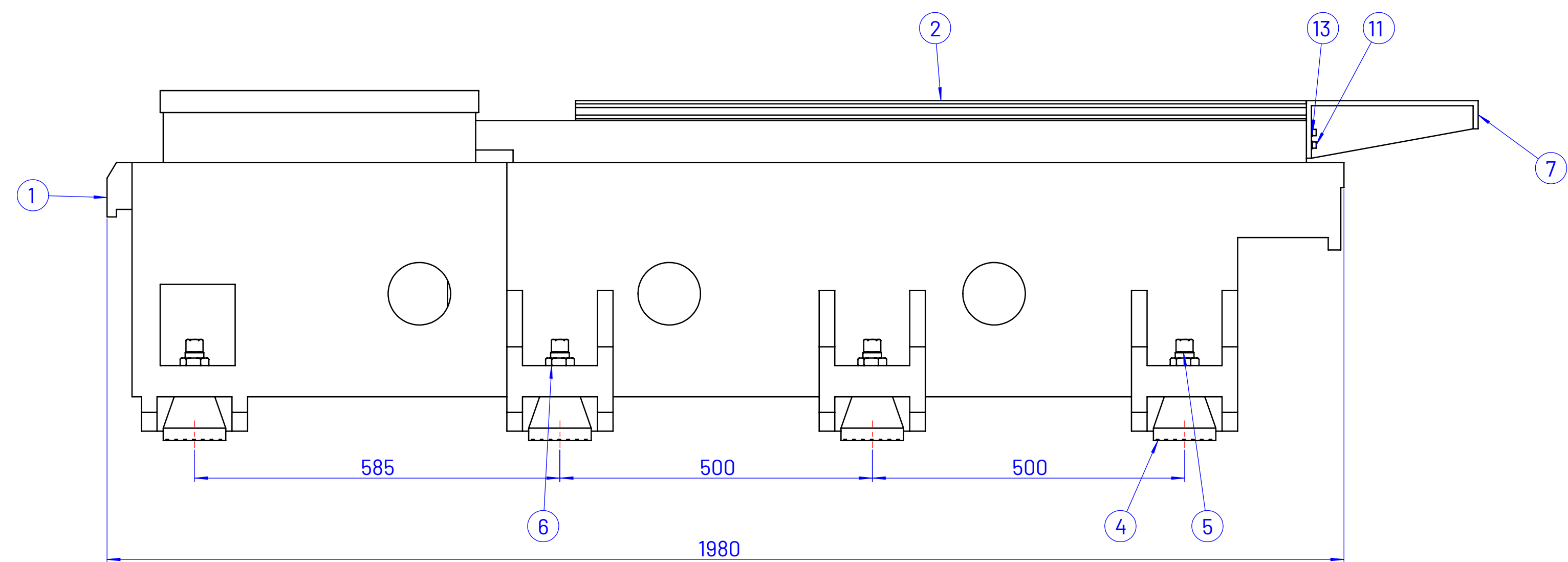
ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LV855A	MOTOR SEAT	LV855A.01-02	257*180*180	1	HT250
2		BALL SCREW SPECIAL BEARING	TAC-B	30TAC62B	5	45 STEEL
3	LV855A	MOTOR SEAT BUMPER BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
4	LV855A	MOTOR SEAT PRESS COVER	LV855A.01-04	99*99*18	1	45 STEEL
5	TOM-LV855A	MOTOR SEAT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3 STEEL
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 SEAL 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 SEAT	LV855A.01-03	145*95*87	1	HT250
17	LV855A	BEARING SEAT BUMPER BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
18	LV855A	BEARING SEAT PRESS COVER	LV855A.01-05	PCD=Φ75	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 SEAT END LEAD SCREW SPACER	L850.01-07	∅40*20	1	45 STEEL
24	LV1160A	Y-AXIS LEAD SCREW		1R40-12T5-1FDDC-853-1119-0.008	1	50CRM04 QT

MACH MDV 1160 (PG 6 OF 8)
SPINDLE HEAD PARTS LIST



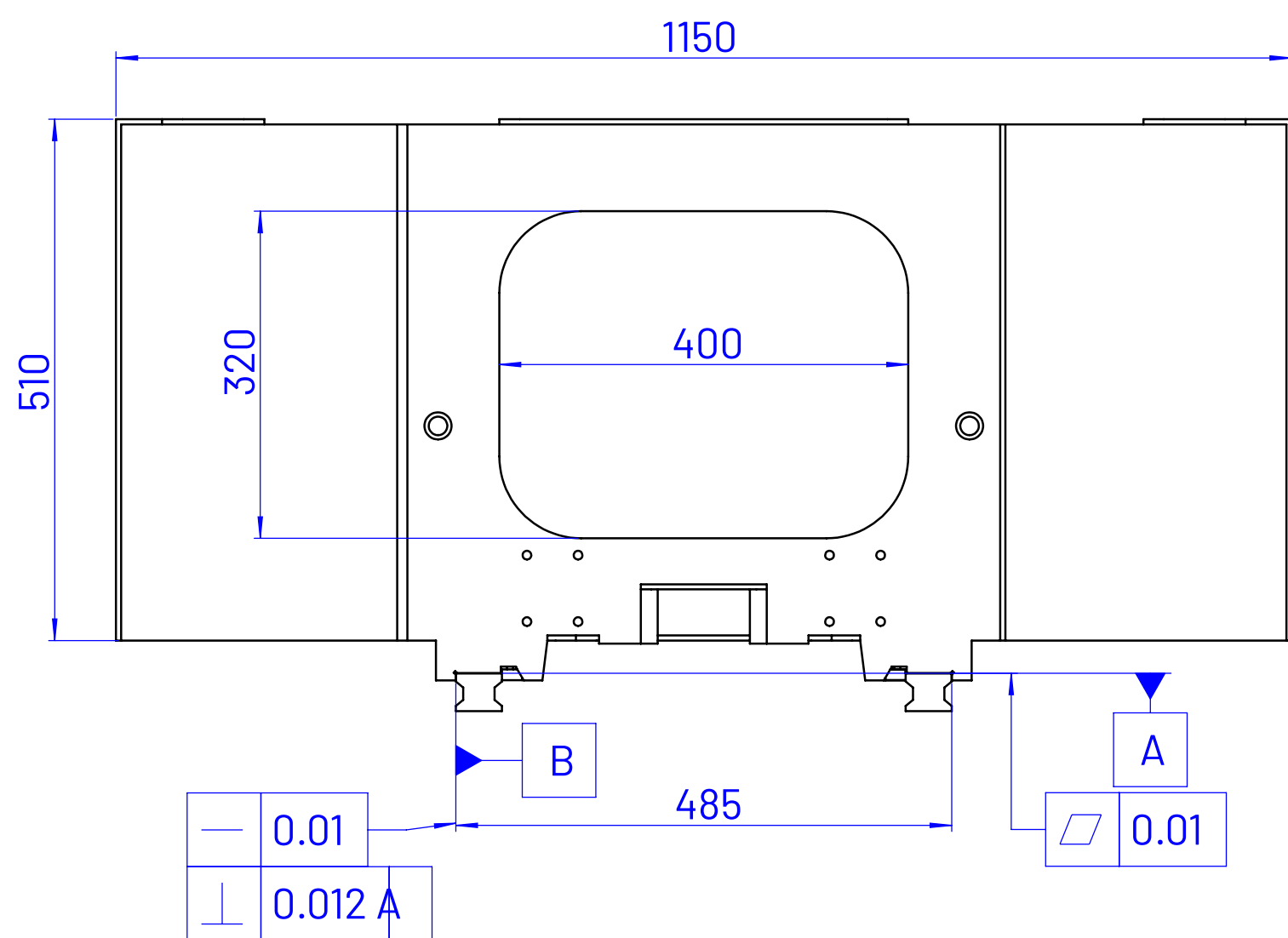
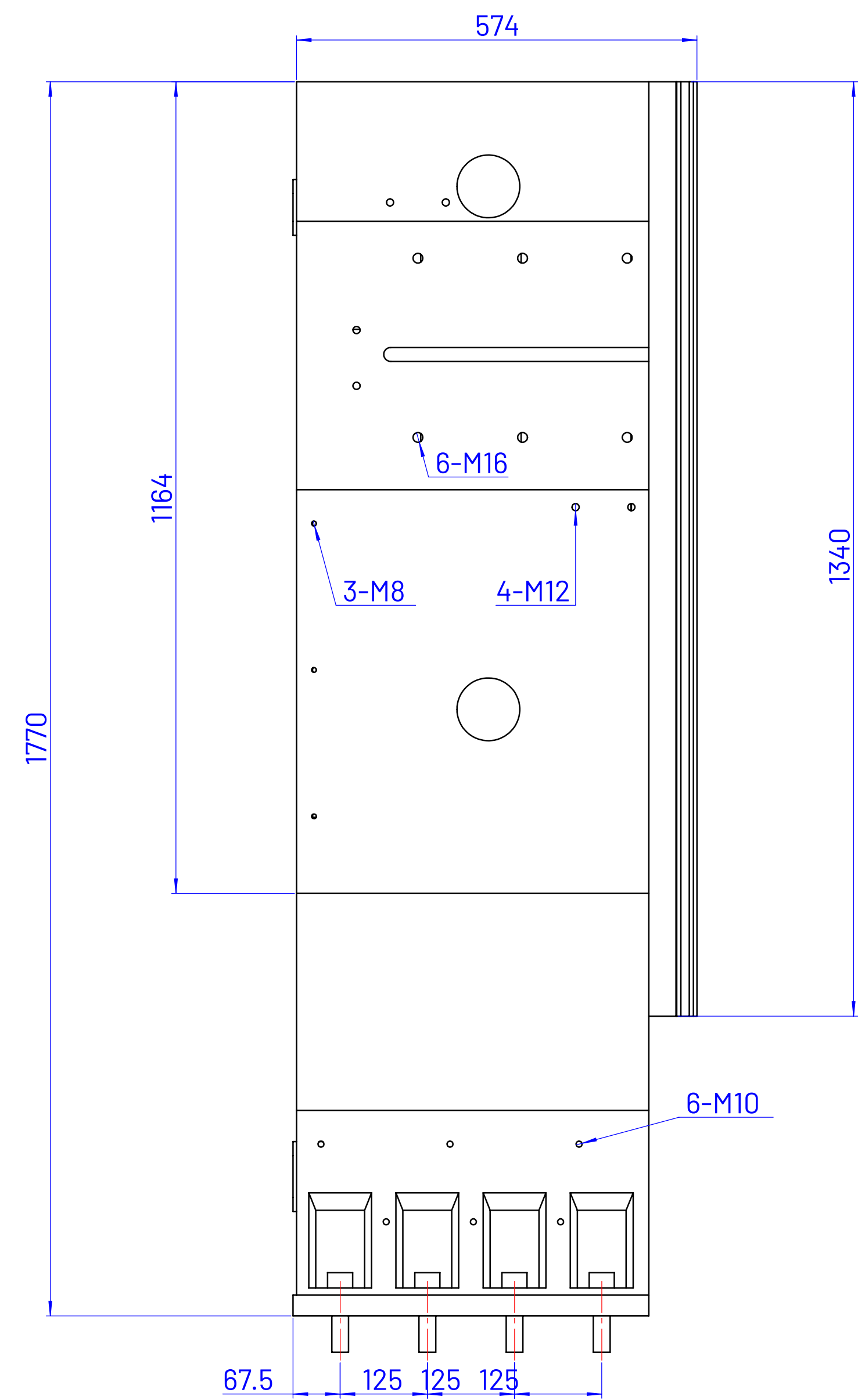
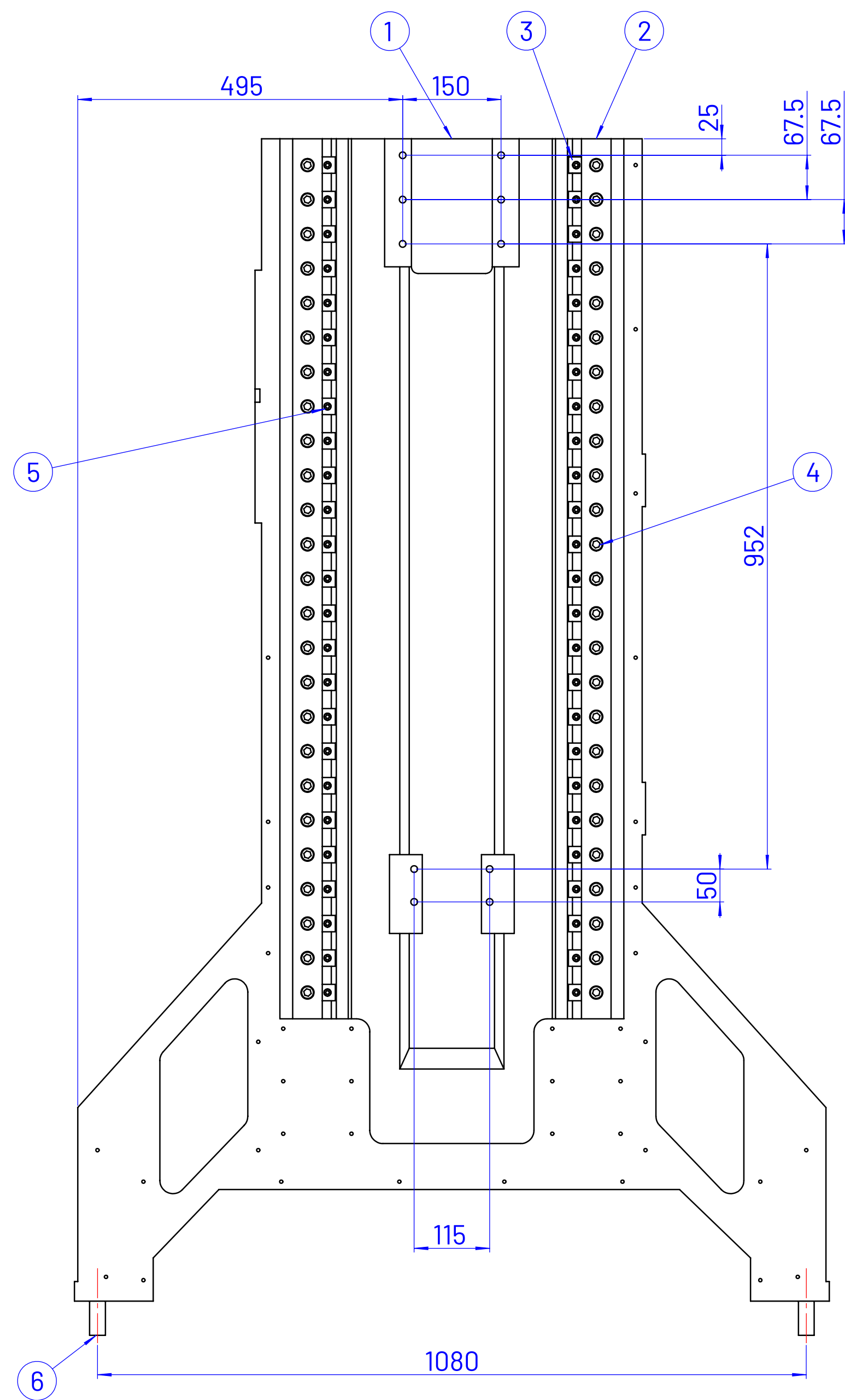
ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LV855A	MOTOR SEAT	LV855A.01-02	257*180*180	1	HT250
2		BALL SCREW SPECIAL BEARING	TAC-B	30TAC62B	5	45 STEEL
3	LV855A	MOTOR SEAT BUMPER BLOCK	LV855A.01-08	90*85.31*25	1	POLYURETHANE
4	LV855A	MOTOR SEAT PRESS COVER	LV855A.01-04	99*99*18	1	45 STEEL
5	TOM-LV855A	MOTOR SEAT COVER PLATE	LV855A.01-10	170*123*1.5	1	A3 STEEL
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 SEAL 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 SEAT	LV855A.01-03	145*95*87	1	HT250
17	LV855A	BEARING SEAT BUMPER BLOCK	LV855A.01-09	90*85.31*45	1	POLYURETHANE
18	LV855A	BEARING SEAT PRESS COVER	LV855A.01-05	PCD=Φ75	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 SEAT END LEAD SCREW SPACER	L850.01-07	ø40*20	1	45 STEEL
24	LV1160A	Z-AXIS LEAD SCREW		1R40-12T5-1FD0C-858-1124-0.008	1	50CRM04 QT

MACH MDV 1160 (PG 7 OF 8)
BASE FRAME PARTS LIST



ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LV1160A	BASE (DAJING MODEL)	LV1160A.01	1980*1250*545	1	HT300
2	LV1160A	Y-AXIS LINEAR GUIDE		MSR45LE2SSF1A+R1170-33.75/33.75PII	2	
3		STANDARD PRESS BLOCK		T2	45	ALLOY
4	TOM-850B	LEVELING PAD (H65)	850B.01-19	100*100*70	8	HT300
5		ANCHOR BOLT		M30*1.5	8	45 STEEL
6		ANCHOR NUT		M30*1.5	8	45 STEEL
7	LV1160A	Y-AXIS GUARD BRACKET	LV1160A.01-13	275*92*49	2	45 STEEL
8	TOM-L850	DRAG CHAIN TROUGH (600)	L850.01-22	600*1.5	1	A3 STEEL
9		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12*50(12.9)	44	STEEL
10		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*20(12.9)	44	STEEL
11		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6*25(12.9)	8	STEEL
12		INTERNAL THREAD TAPER PIN	GB/T118-2000	6*40	4	STEEL
13		CHAMFERED FLAT WASHER GRADE A	GB/T97.2-2002	6	8	STEEL

MACH MDV 1160 (PG 8 OF 8)
VERTICAL COLUMN PARTS LIST



ITEM NO.	MODEL	NAME	DRAWING NO.	SPECIFICATION	QTY	MATERIAL
1	LV1160A	COLUMN (DAJING MODEL)	LV1160A.04	1770*1150*549	1	HT300
2	LV1160A	Z-AXIS LINEAR GUIDE		MSR45LE3SSF1A+ R1340-40/40PII	2	
3		STANDARD PRESS BLOCK		T2	51	ALLOY
4		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M12×50(12.9)	50	STEEL
5		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M6×20(12.9)	50	STEEL
6		HEXAGON SOCKET HEAD CAP SCREW	GB/T70.1-2000	M24×90(12.9)	8	STEEL



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