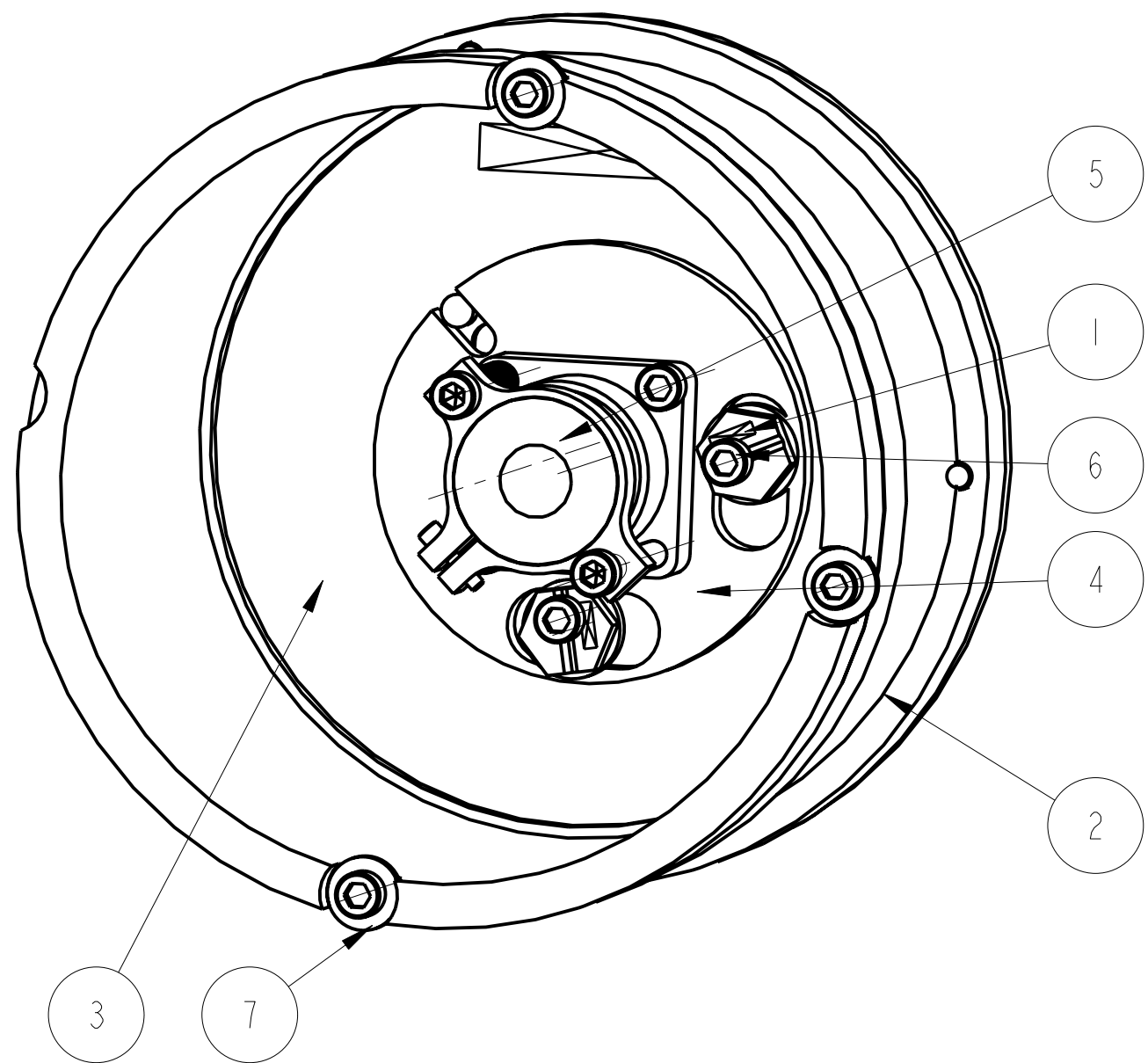
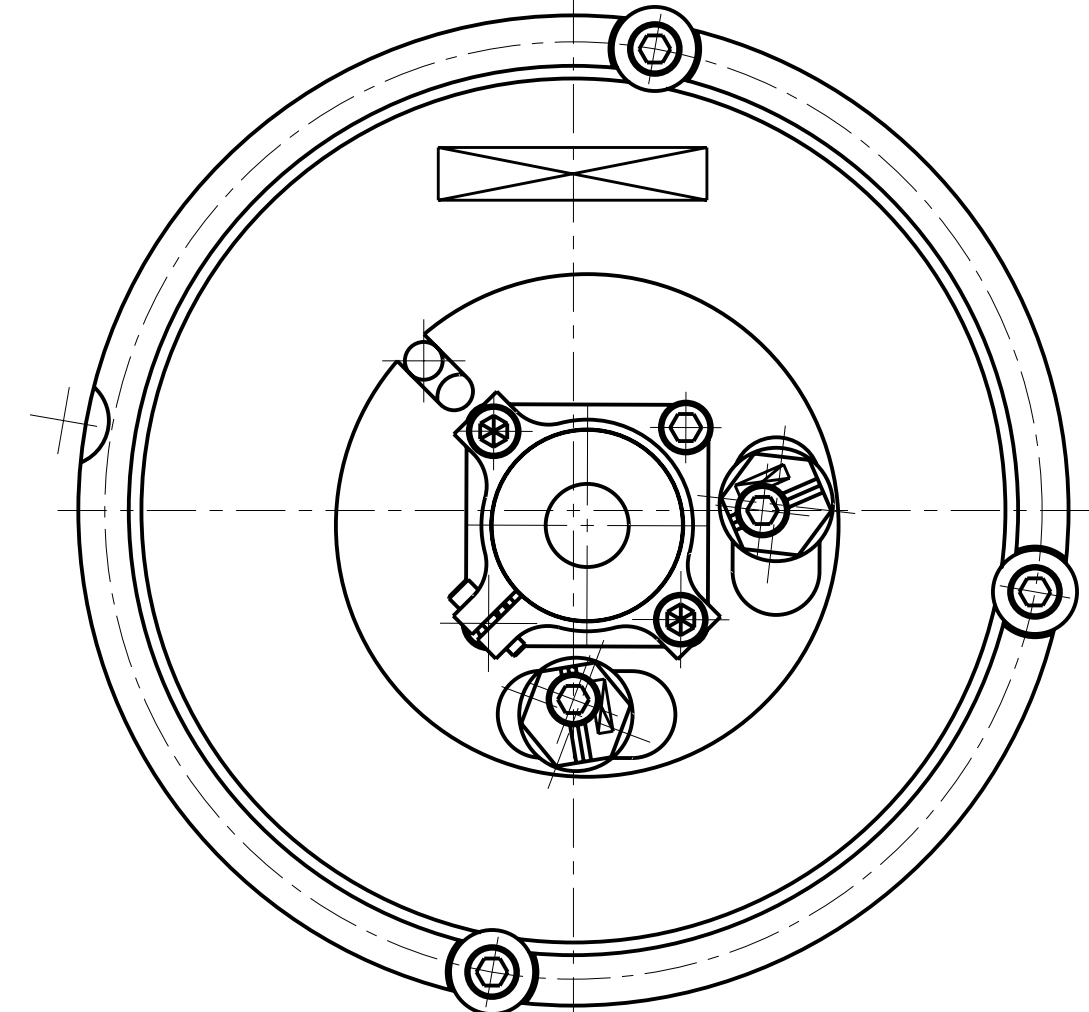


SECTION A-A

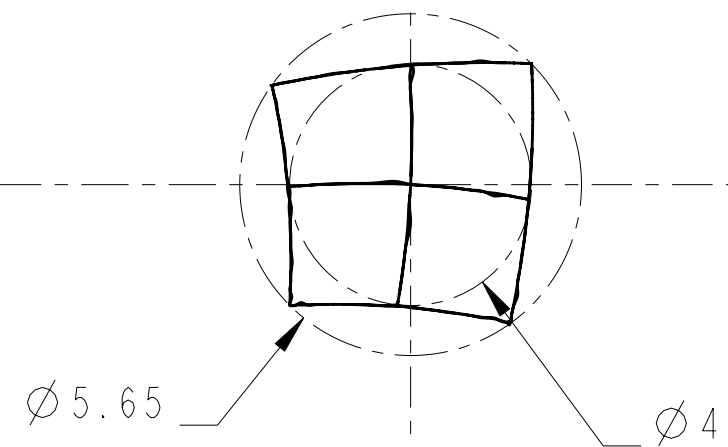
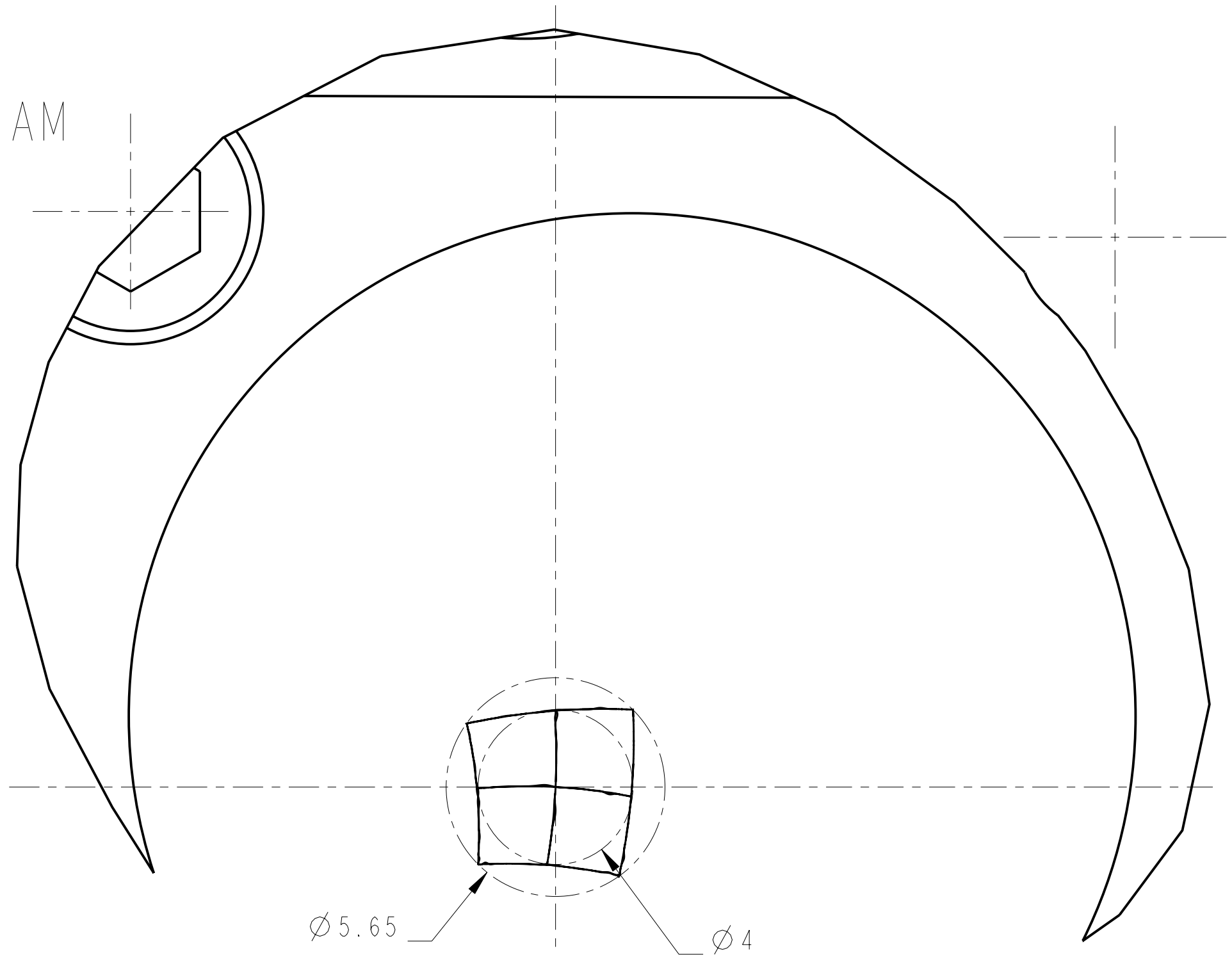
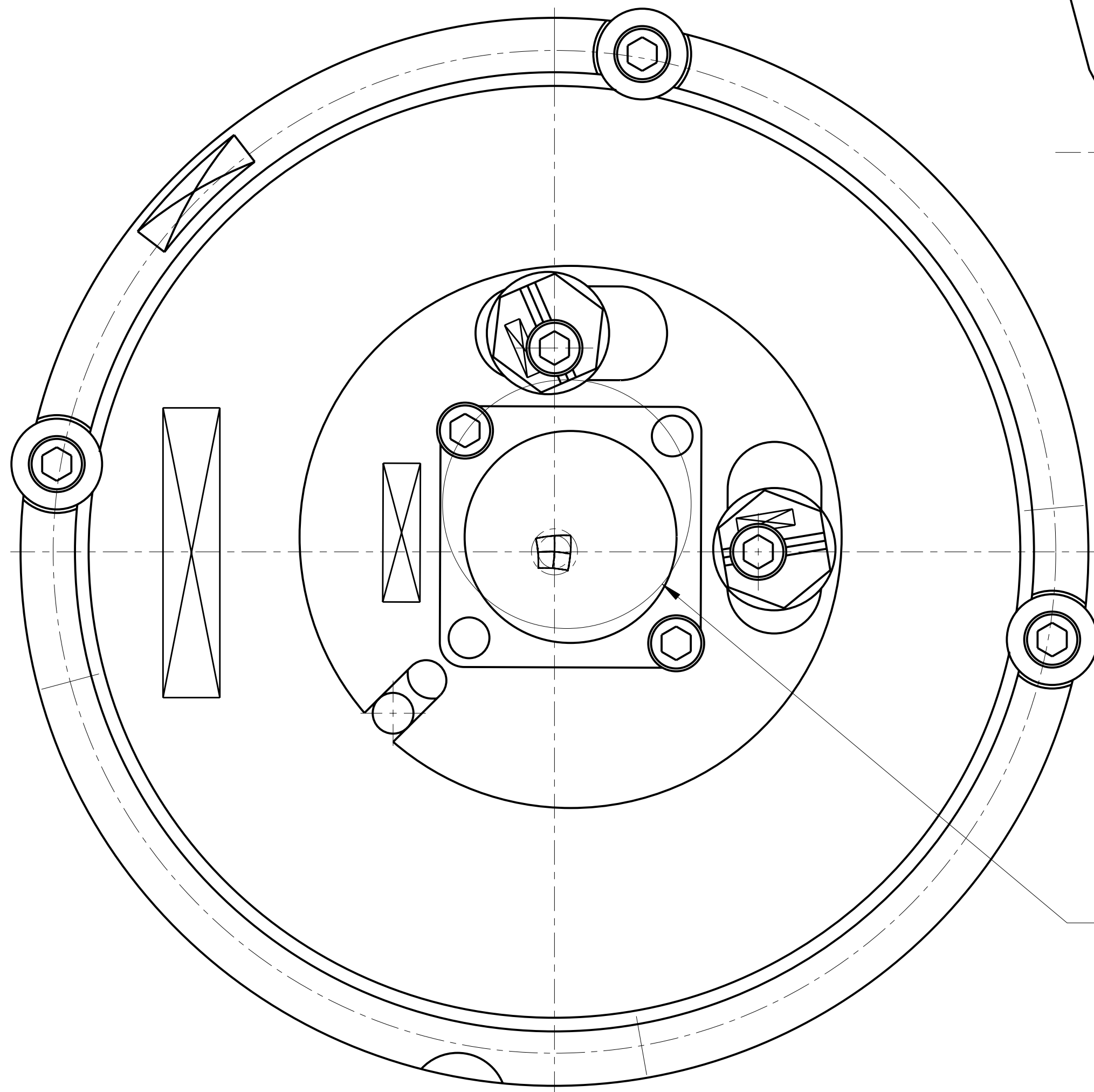


3-D VIEW

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060336	2MM CAM; OSEM ADJUSTER	PH BRONZE; -
2	1			D060346	CAN BODY; ETM PEN RE MASS CAN	AL ALLOY; 6061 OR 5083
3	1			D060347	CAN FRONT PLATE; ETM PEN RE MASS CAN	AL ALLOY; 5083
4	1			D060348	OSEM TRANSLATION PLATE; ETM PEN RE MASS CAN	AL ALLOY; 5083
5	1			D060349	LIGO I OSEM MOUNT; (FOR PENRE MASS)	AS DRW; ---
6	11				8-32 UNC X 0.625" CAP HEAD; .	ST STEEL; 300 SERIES
7	3				8-32 UNC WASHER; .	ST STEEL; 300 SERIES

PARTS LIST			
NOTES: (UNLESS OTHERWISE SPECIFIED) 1. REMOVE ALL SHARP EDGES, R.02 MIN. 2. DO NOT SCALE FROM DRAWING. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL) 4. SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. EXAMPLE: D020188-001. A VIBRATORY TOOL MAY BE USED.			
DIMENSIONS ARE IN INCHES (mm) TOLERANCES: X.XX ± . X.XXX ± . ANGULAR ± °		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP RUTHERFORD APPLETON LABORATORIES	
MATERIAL: AS DRW FINISH: AS DRW √μm (μin) Ra = -----		SYSTEM <b>ADVANCED LIGO</b> SUB-SYSTEM <b>SUS</b> NEXT ASSY <b>PENRE ETM QUAD N-PTYPE</b> PART NAME <b>ETM OSEM CAN</b>	
DRAWN J O'DELL 24/SEP/06 CHECKED IW 28/SEP/06 APPROVED IW 28/SEP/06	SCALE 1:1 PROJECTION	DRG. NO. <b>D060345</b>	REV. <b>D</b> SHEET 1 OF 2

VIEWS SHOWING MOVEMENT LOCI OF OSEM ADJUSTER. EACH LOCUS IS FORMED WITH ONE CAM STATIONARY AND THE OTHER ROTATED 360°



DETAIL A  
SCALE 8:1

SEE DETAIL A

NOTES: (UNLESS OTHERWISE SPECIFIED)				DIMENSIONS ARE IN mm (INCHES)		TOLERANCES:	
1.	REMOVE ALL SHARP EDGES, R. 02 MIN.			X.XX ± mm (INCHES)			
2.	DO NOT SCALE FROM DRAWING.			ANGULAR ± °			
3.	ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)						
4.	SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188-001. A VIBRATORY TOOL MAY BE USED.						
				FINISH:	AS DRW		
				√µm (µin)	Ra =		
		NAME	DATE				
DRAWN		J O'DELL	20/SEP/06				
CHECKED		IW	28/SEP/06				
APPROVED		IW	28/SEP/06				
				SCALE 2:1		PROJECTION	
				CALIFORNIA INSTITUTE OF TECHNOLOGY		MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
				IGR, GLASGOW UNIVERSITY GEO 600 GROUP		RUTHERFORD APPLETON LABORATORIES	
				SYSTEM		ADVANCED LIGO	
				SUB-SYSTEM		SUS	
				NEXT ASSY		PENRE ETM QUAD N-PTYPE	
				PART NAME		ETM OSEM CAN	
				DRG. NO.		D060345	
				SCALE		2:1	
				PROJECTION		FIRST ANGLE	
				SHEET		2 OF 2	