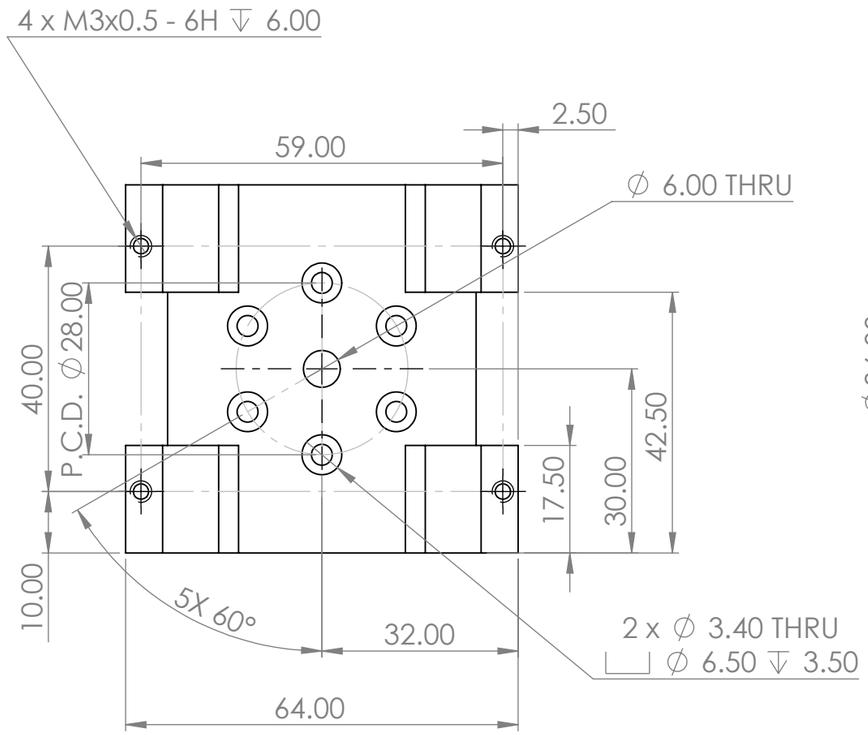

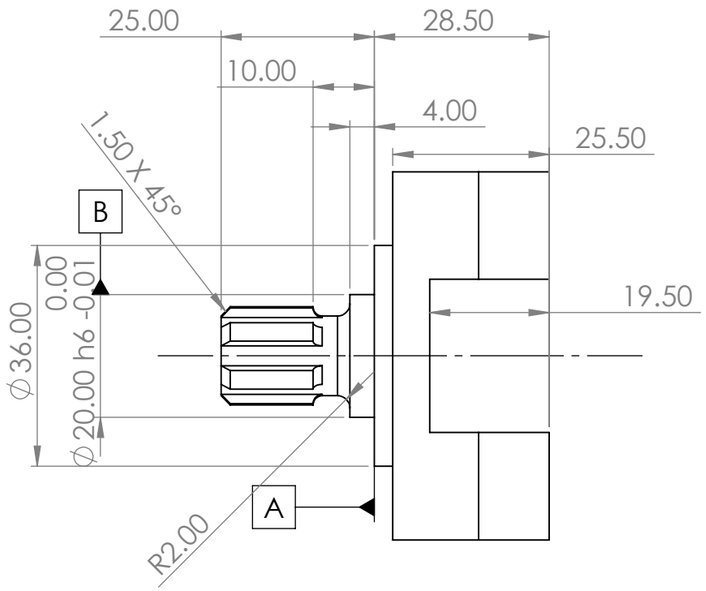

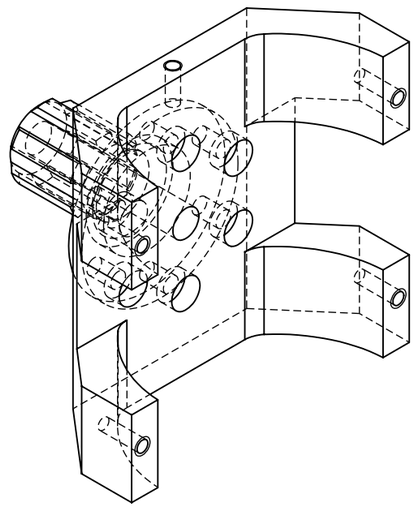

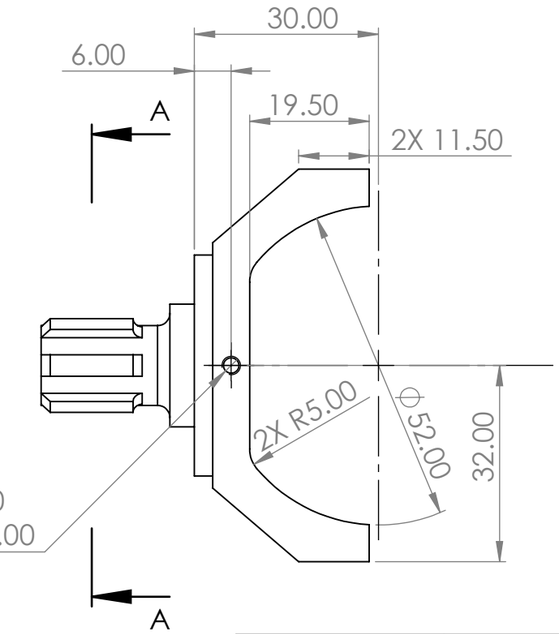

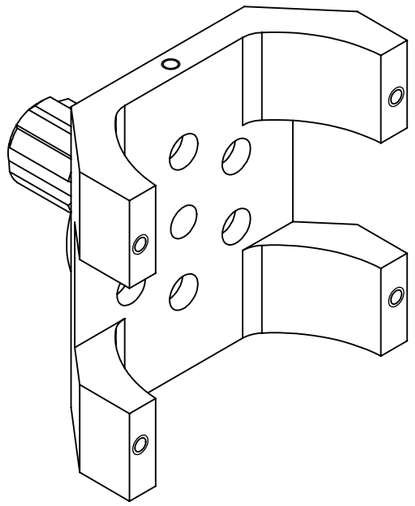

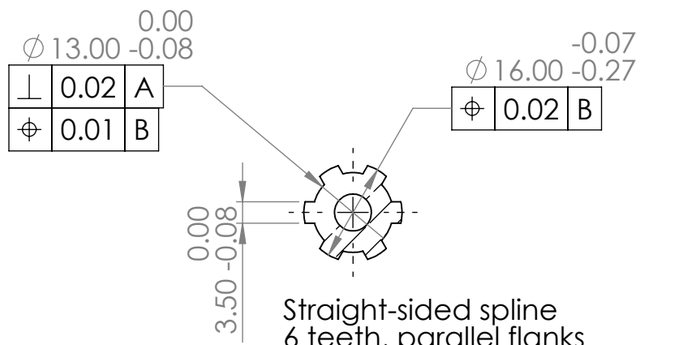

Straight-sided spline
6 teeth, parallel flanks
Based on DIN 5463, Class C fit

SECTION A-A

NOTES:
1. HEAT TREAT: QUENCHED AND TEMPERED TO 28–34 HRC
2. FINAL MACHINING AFTER HEAT TREATMENT UNLESS OTHERWISE SPECIFIED
3. 3D model avilable upon request
4. 4. MASK TOLERANCE ZONES BEFORE BLACK OXIDE COATING.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 3.2 TOLERANCES: LINEAR: ISO 2768-m ANGULAR: ISO 2768-m	FINISH: BLACK OXIDE	DEBURR AND BREAK SHARP EDGES CHAMFER TAPPED HOLES TO DEPTH OF ONE THREAD	DO NOT SCALE DRAWING / REVISION A
			Cyberisner

	NAME	SIGNATURE	DATE
DRAWN	R. REYES		27/06/2025
CHK'D	R. REYES		27/06/2025
APPV'D			
MFG			
Q.A			

Machine Name: Tennis Serve Machine

Assembly Name: Gimbal System.

FIRST ANGLE PROJECTION

TITLE: X AXIS SHAFT

MATERIAL: 1.0503 (C45)

DWG NO. TSM_GIMBAL_002

A3

WEIGHT: 254.84

SCALE:1:1

SHEET 1 OF 1