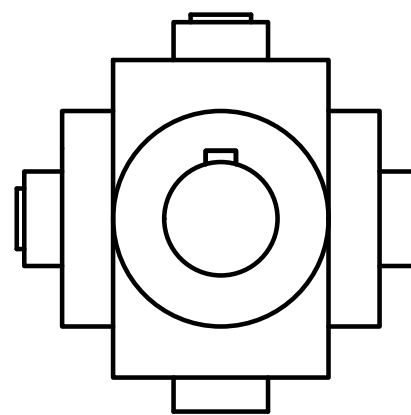
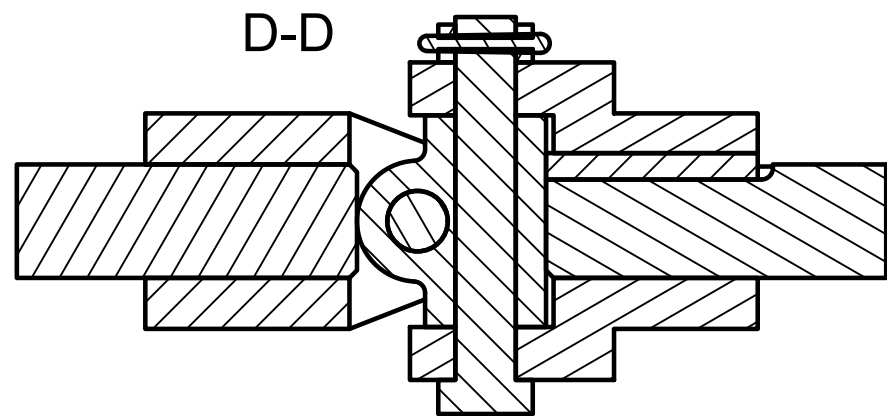


FRONT VIEW

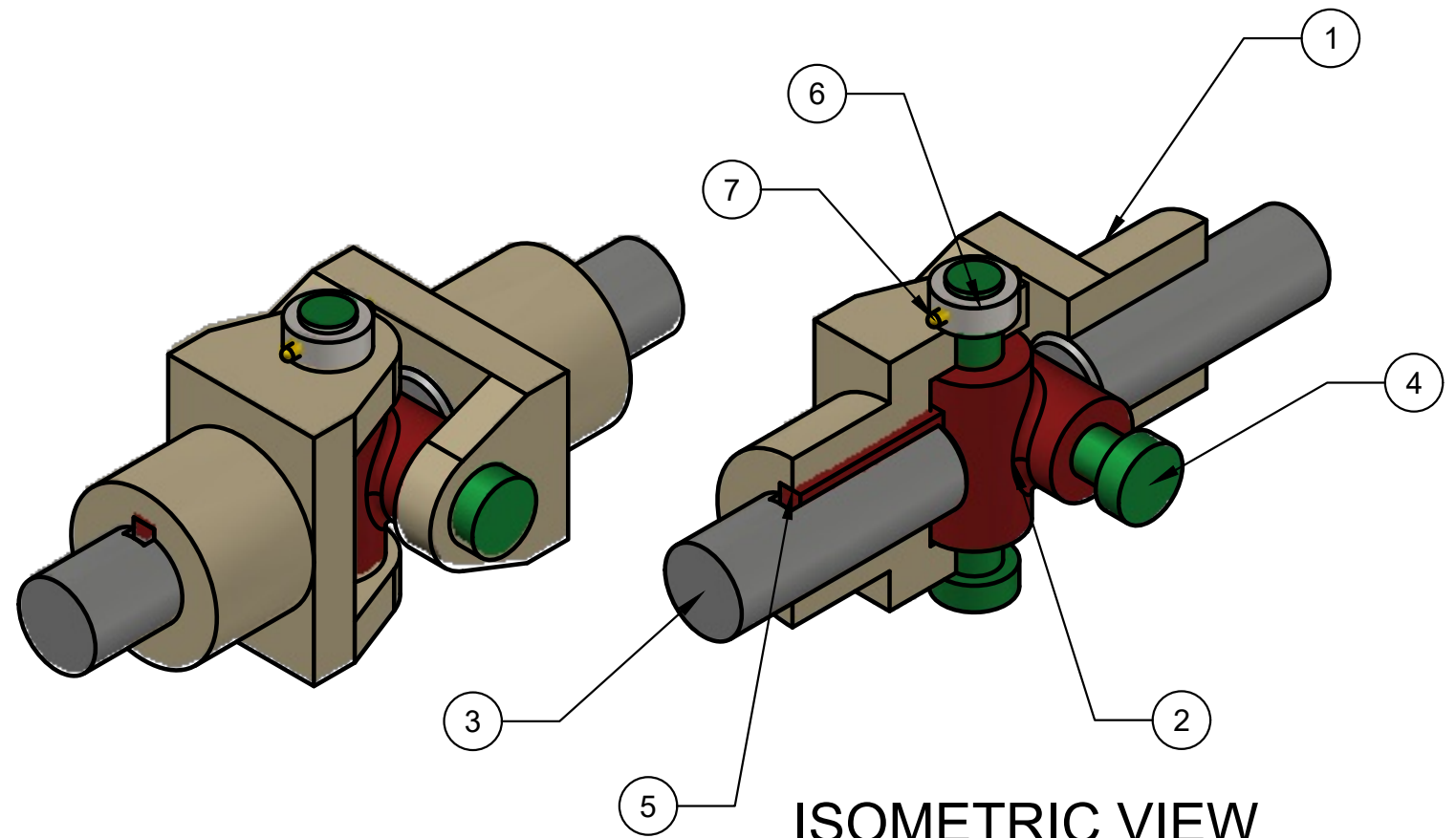


SIDE VIEW



SECTIONAL TOP VIEW

BILL OF MATERIALS			
PART NO.	PART NAME	QUANTITY	MATERIAL
1	FORK	2	MS
2	CENTRE BLOCK	1	CS
3	SHAFT	2	MS
4	PIN	2	MS
5	KEY	2	CS
6	COLLAR	2	MS
7	TAPER PIN	2	HARDENED STEEL



ISOMETRIC VIEW

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS (MM).
2. ASSEMBLY TOLERANCES:
 - SHAFT $\varnothing 30$: H7 FIT INTO FORK
 - PIN $\varnothing 25$: H7 SLIDING FIT INTO CENTER BLOCK
 - KEY 8×7: INTERFERENCE FIT IN SHAFT, CLEARANCE IN FORK
3. MATERIALS:
 - MS: MILD STEEL (EN8 OR EQUIV.)
 - CS: CARBON STEEL (C45 OR EQUIV.)
 - HARDENED STEEL: FOR TAPER PIN (EN31 OR EQUIV.)
4. SURFACE FINISH: 1.6 μm Ra ON MATING SURFACES.
5. PROJECTION METHOD: FIRST ANGLE PROJECTION.

Drawn By MAYANK	Checked By	Approved By - Date	File Name	Date 16-06-2025	Scale 1:2
Student Work - Mayank			UNIVERSAL COUPLING - ASSEMBLY		
				Revision	Sheet 8 OF 8