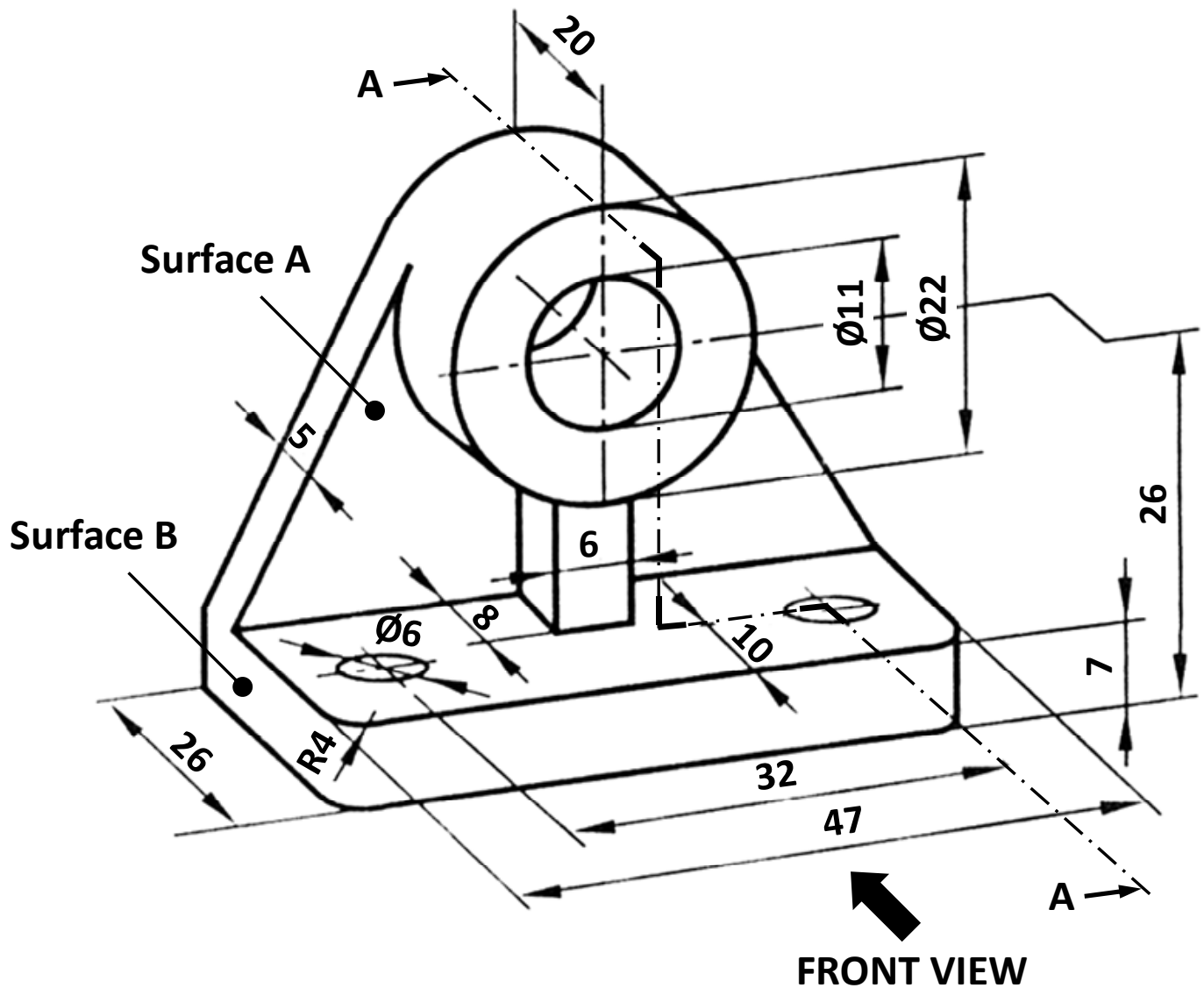



1. Draw front view, top view and sectional left-side view (Section A-A) of the following part.
2. Fully dimension the object.
3. Locate dimensional and geometrical tolerances with surface quality marks as follows:
 - a. $\varnothing 6$ and $\varnothing 11$ holes have a dimensional tolerance of ± 0.1 mm.
 - b. Center distance between $\varnothing 6$ holes (i.e. dimension of "32") has upper and lower dimensional tolerances of $+0.0$ mm and -0.1 mm, respectively.
 - c. Front-face of $\varnothing 11$ hole is parallel to Surface-A and perpendicular to Surface-B with a range of 0.04 mm.
 - d. Center of $\varnothing 6$ hole has a position tolerance of 0.02 mm according to Surface-A and Surface-B based on Maximum Material Condition (MMC).
 - e. $\varnothing 11$ hole has a cylindricity tolerance of 0.03 mm.
 - f. All inner hole surfaces are machined with a surface roughness of $3.2 \mu\text{m}$.



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CONTROL		DIMENSIONING, TOLERANCING AND SURFACE QUALITY MARKS	 MECHANICAL ENGINEERING DEPARTMENT	
DATE				
SCALE				