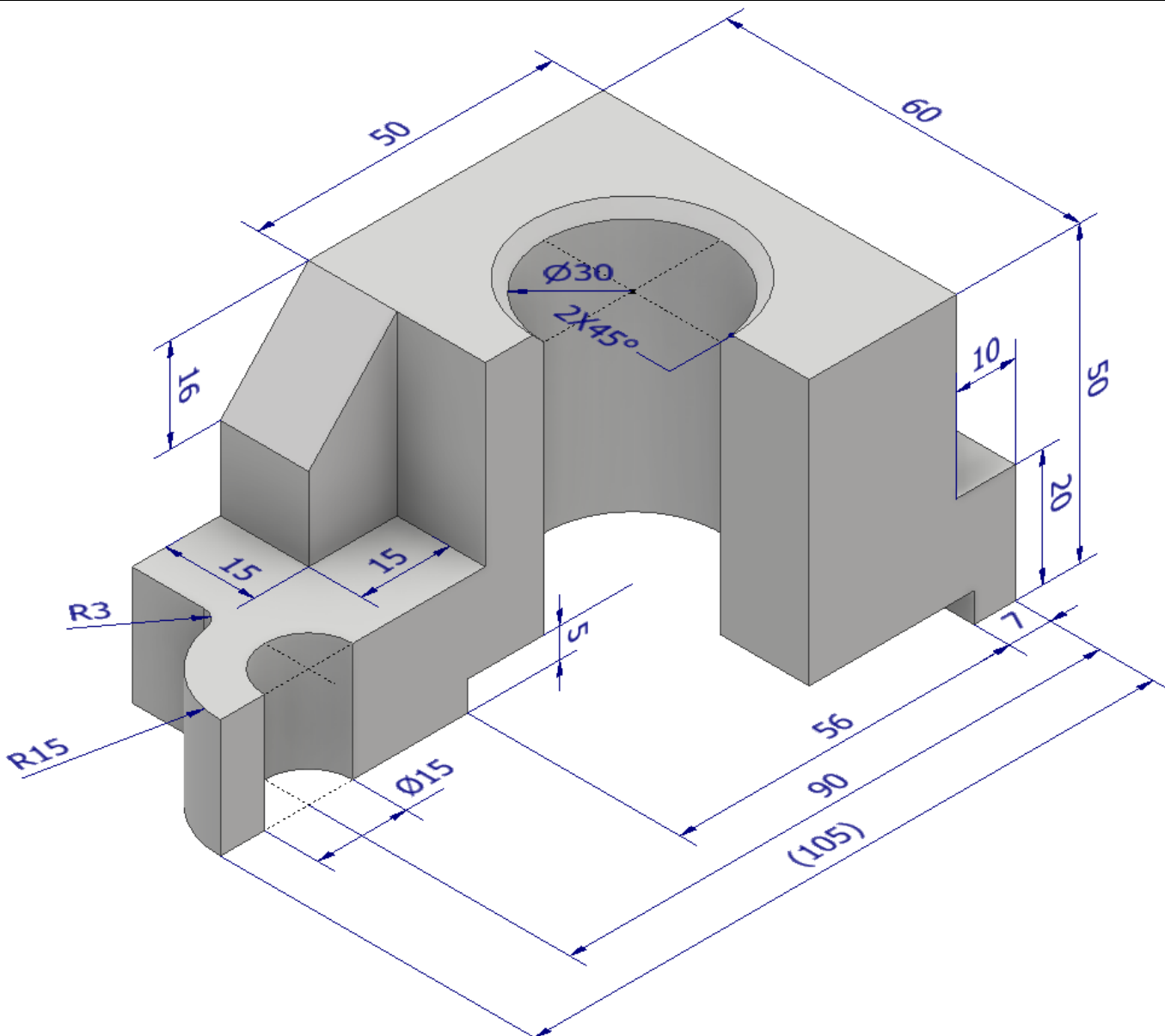


Technical Drawing and Infographics		
	Colloquium TD&I	
	TCMe + RIe	
	2nd sem. 2025	
Teachers: Andrei KIRALY, eng., Ph.D. Calin Prodan, eng., Ph.D.		
Represent in AutoCAD, at scale, 2 views and a sectional view, of the following part. Complete the drawing with all the required dimensions and annotations (roughnes, tollerances, geometrical precision) Please respect all the technical drawing rules (use the european layout method)		
Use a layout and print the drawing on an A3 format as .pdf file		
Score:	60% representation (at scale) of the 3 views 20% dimensioning and annotations	10% Use a layout and print the drawing as pdf file 10% general aspect of the drawings (layout, hatch, layers, blocks)
FINAL MARK at TD&I: 60% Colloquium + 40% the Lab.(all > 4)		
Working Time:100 min.		
CONSIDER THE PARTas an entire WITHOUT THE ¼ Cutout		
		

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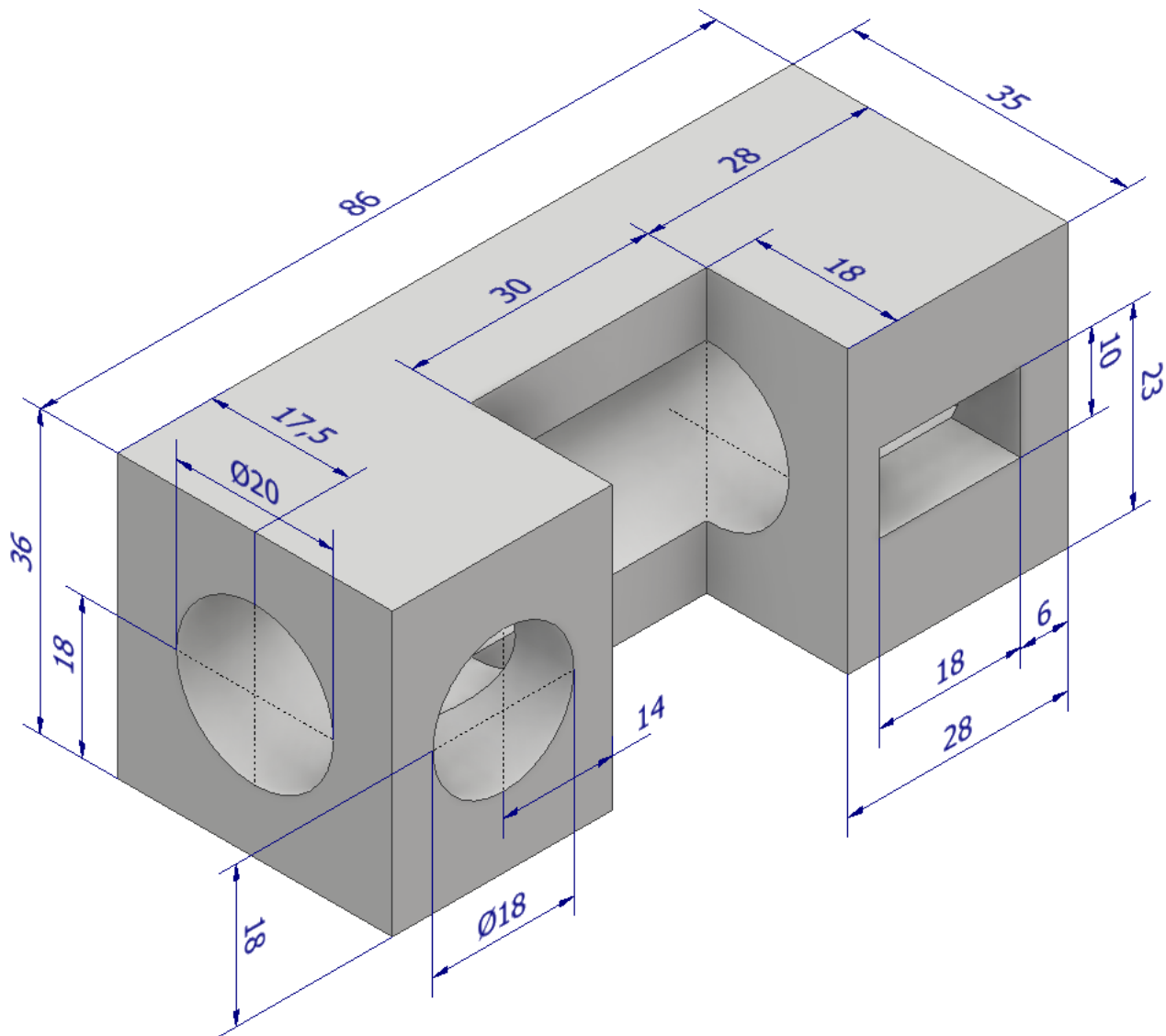
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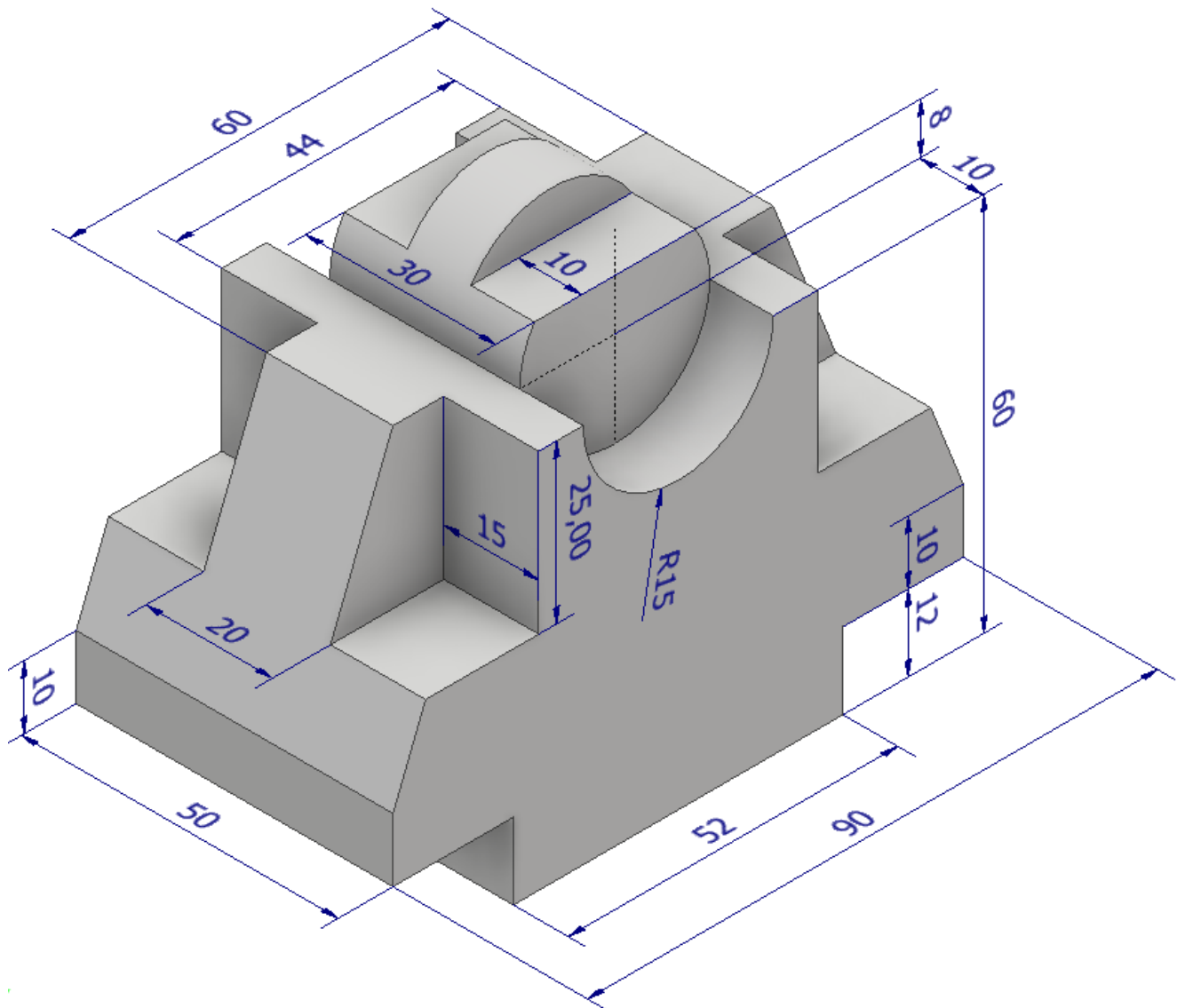
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An isometric drawing of a mechanical part with the following dimensions:

- Top cylindrical feature: Diameter $\varnothing 30$, Height 30.
- Top cylindrical feature: A rectangular slot with a width of 20 and a depth of 10.
- Top flat surface: Width 42, Depth 52.
- Base: Overall width 100, Overall depth 80.
- Base: Front face width 60, Height 28.
- Base: Side face width 30, Height 15.
- Base: A rectangular cutout with a width of 40 and a height of 20.
- Base: A sloped transition with a height of 15 and a base width of 6.
- Base: A vertical support with a height of 30.
- Base: A sloped transition with a height of 45.

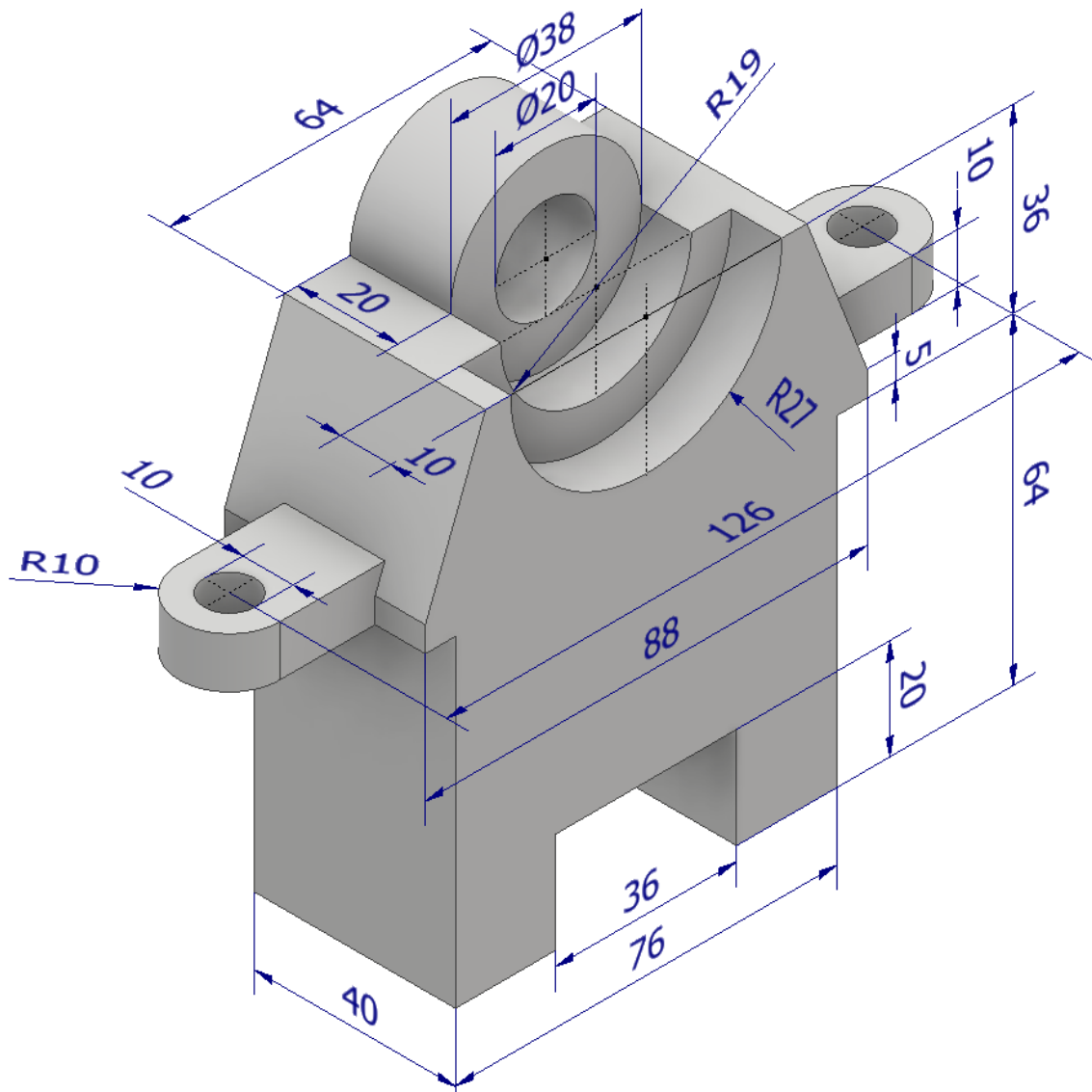
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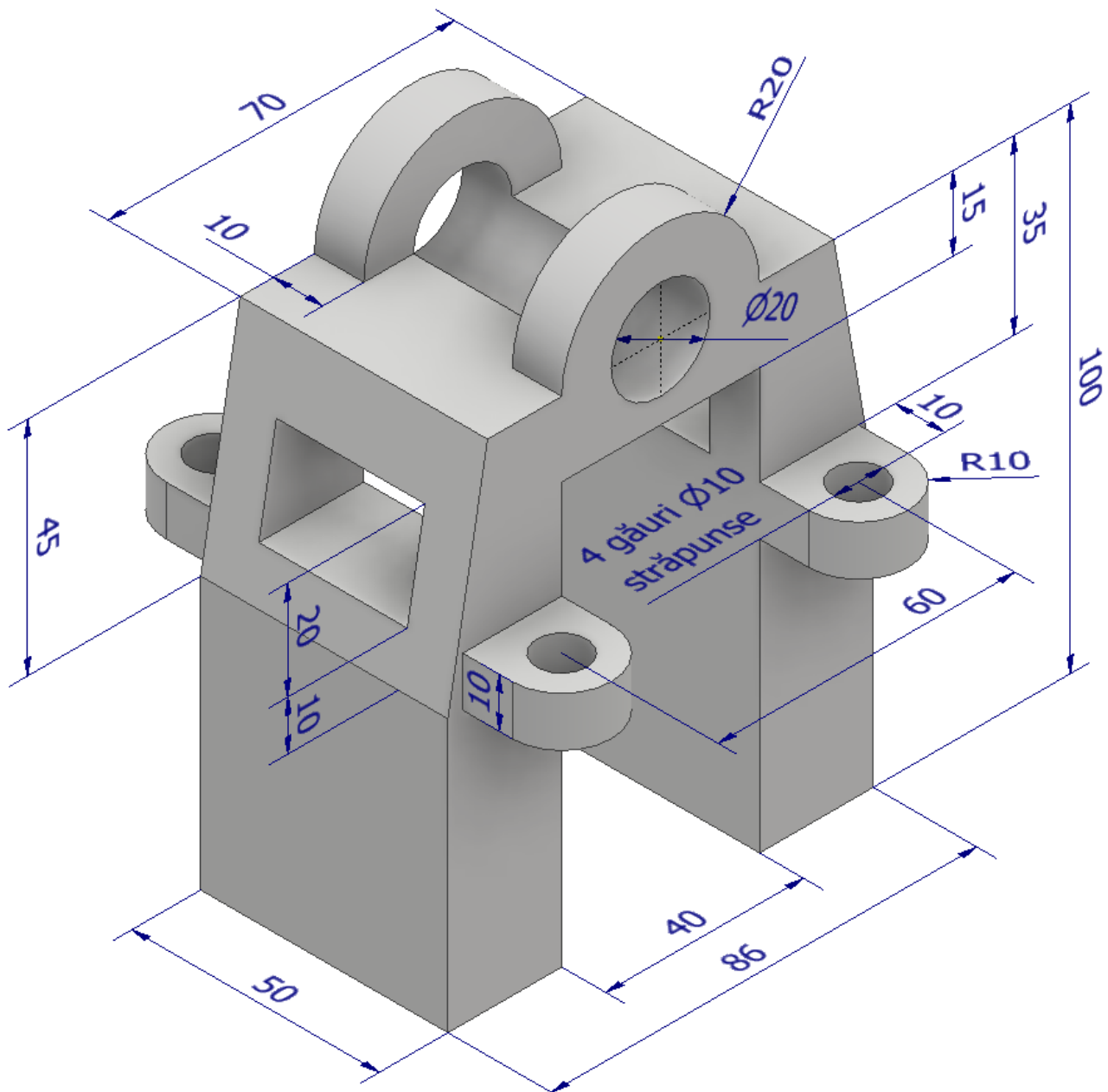
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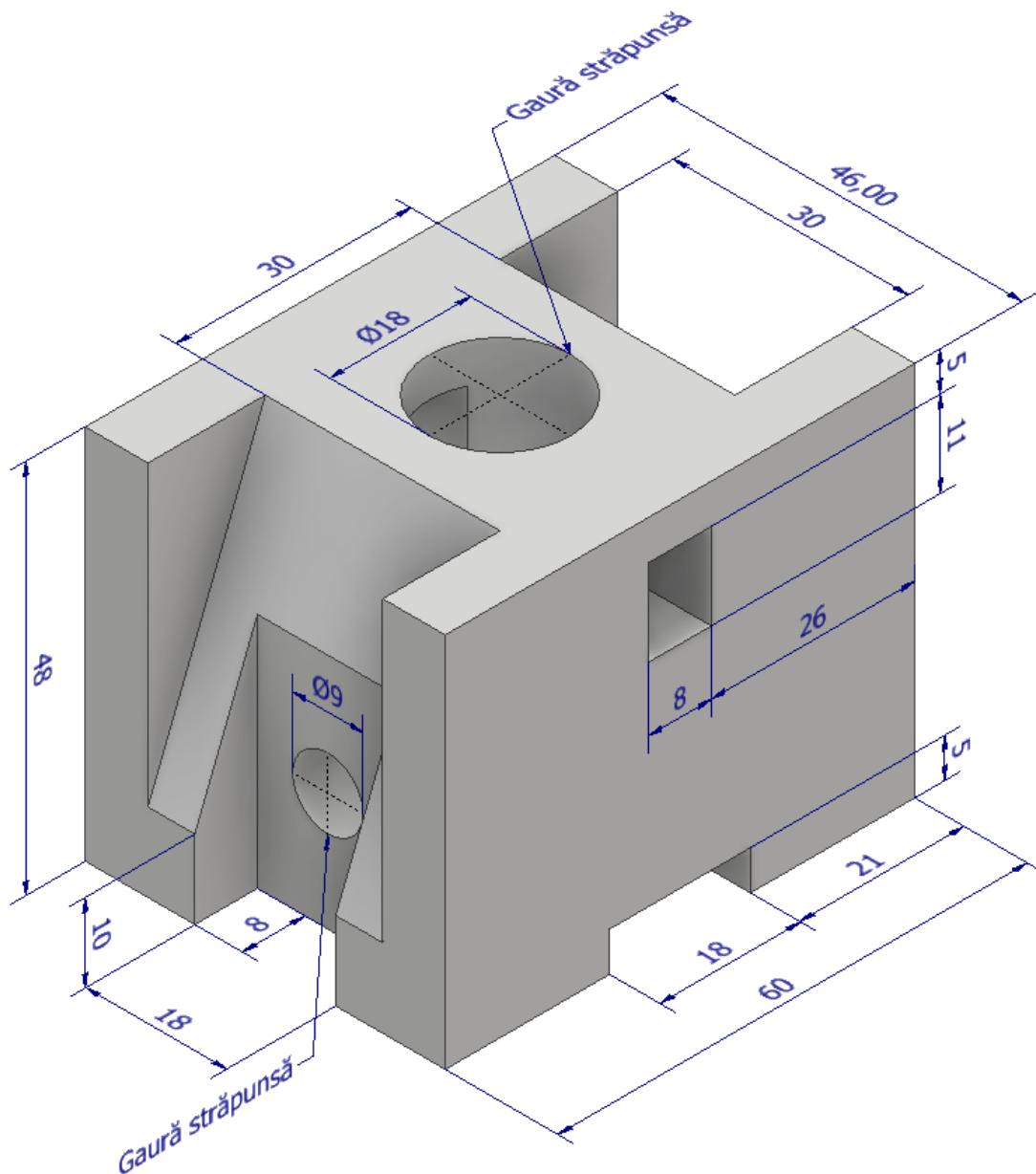
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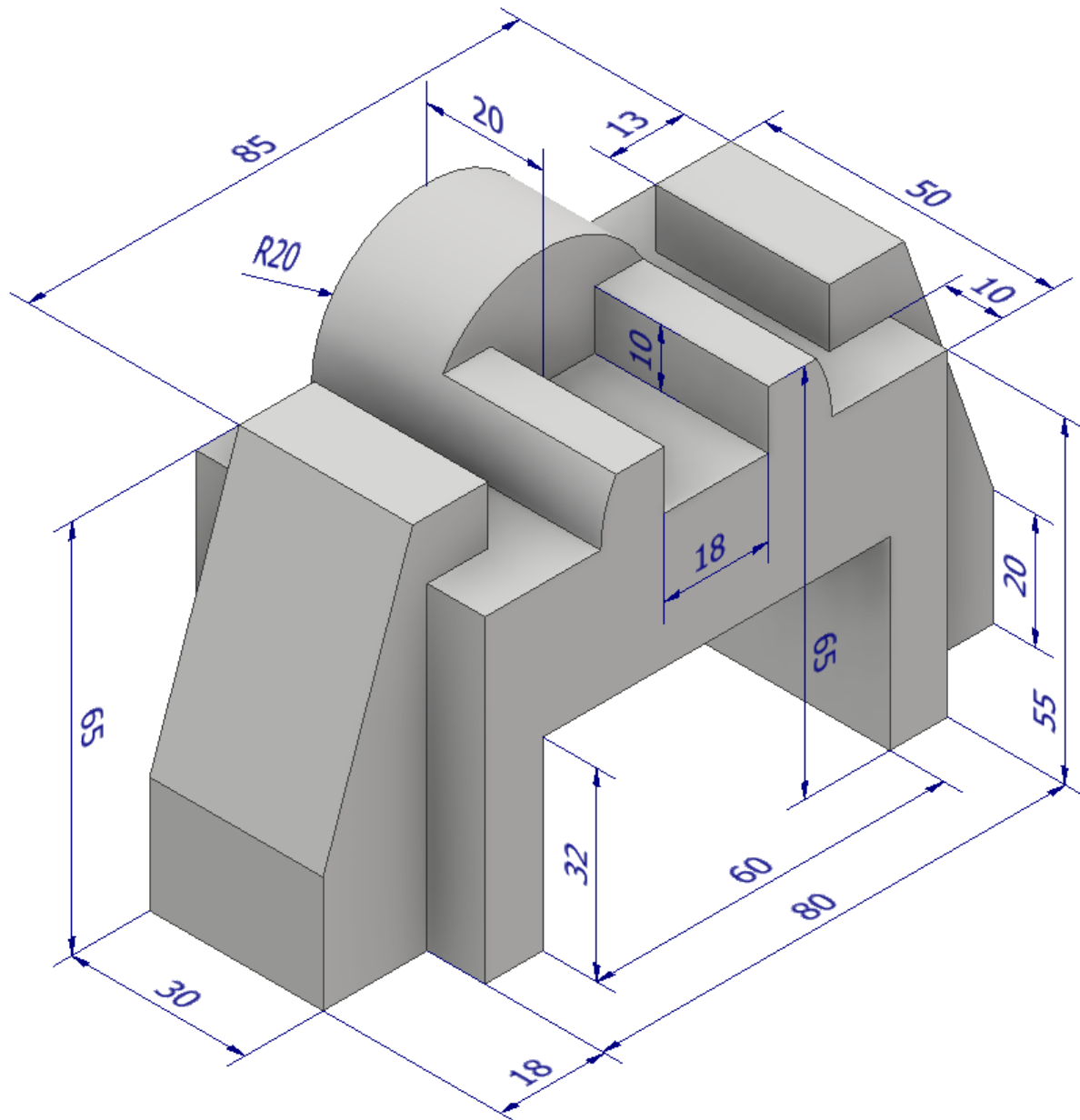
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2nd sem. 2025

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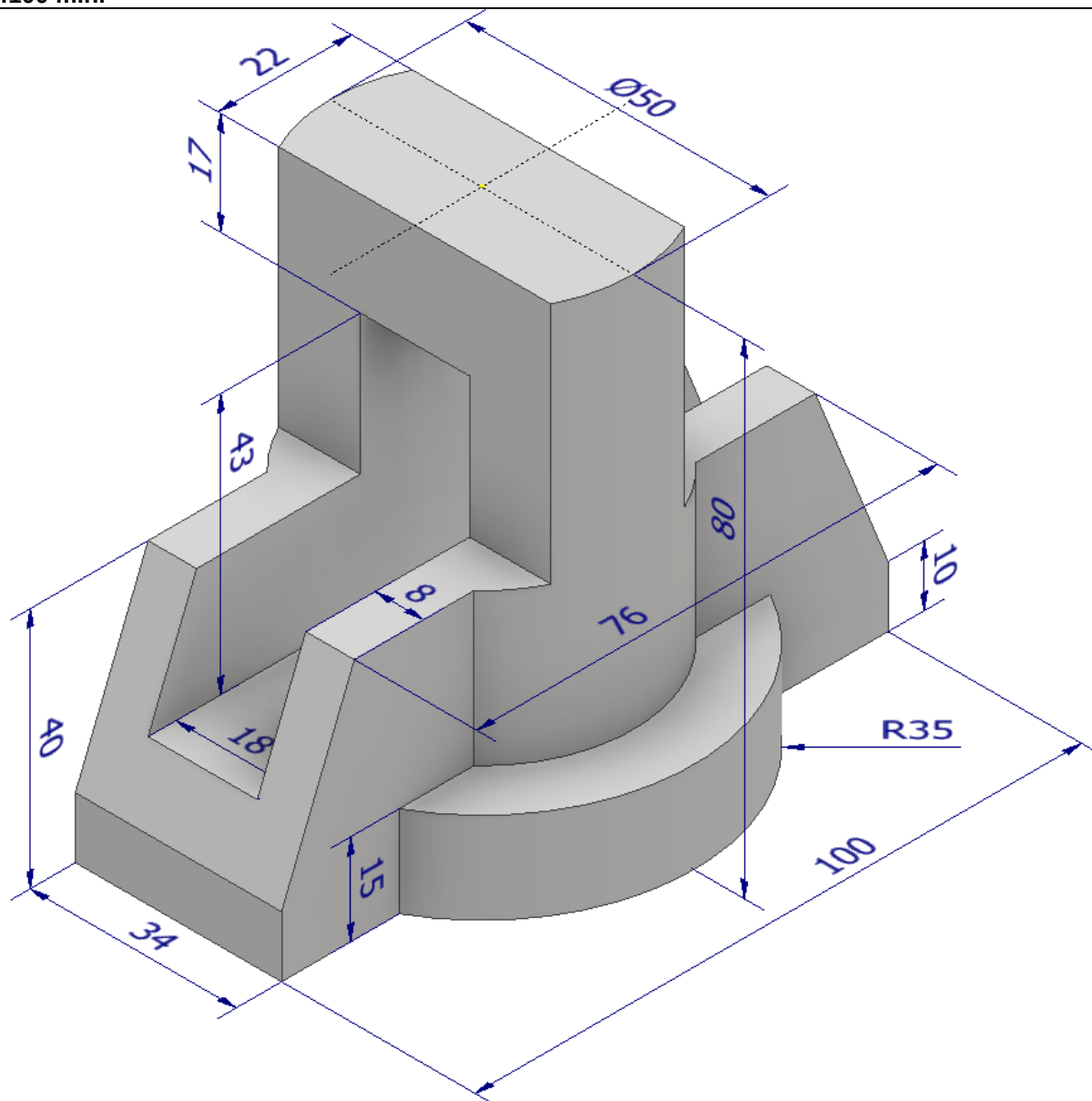
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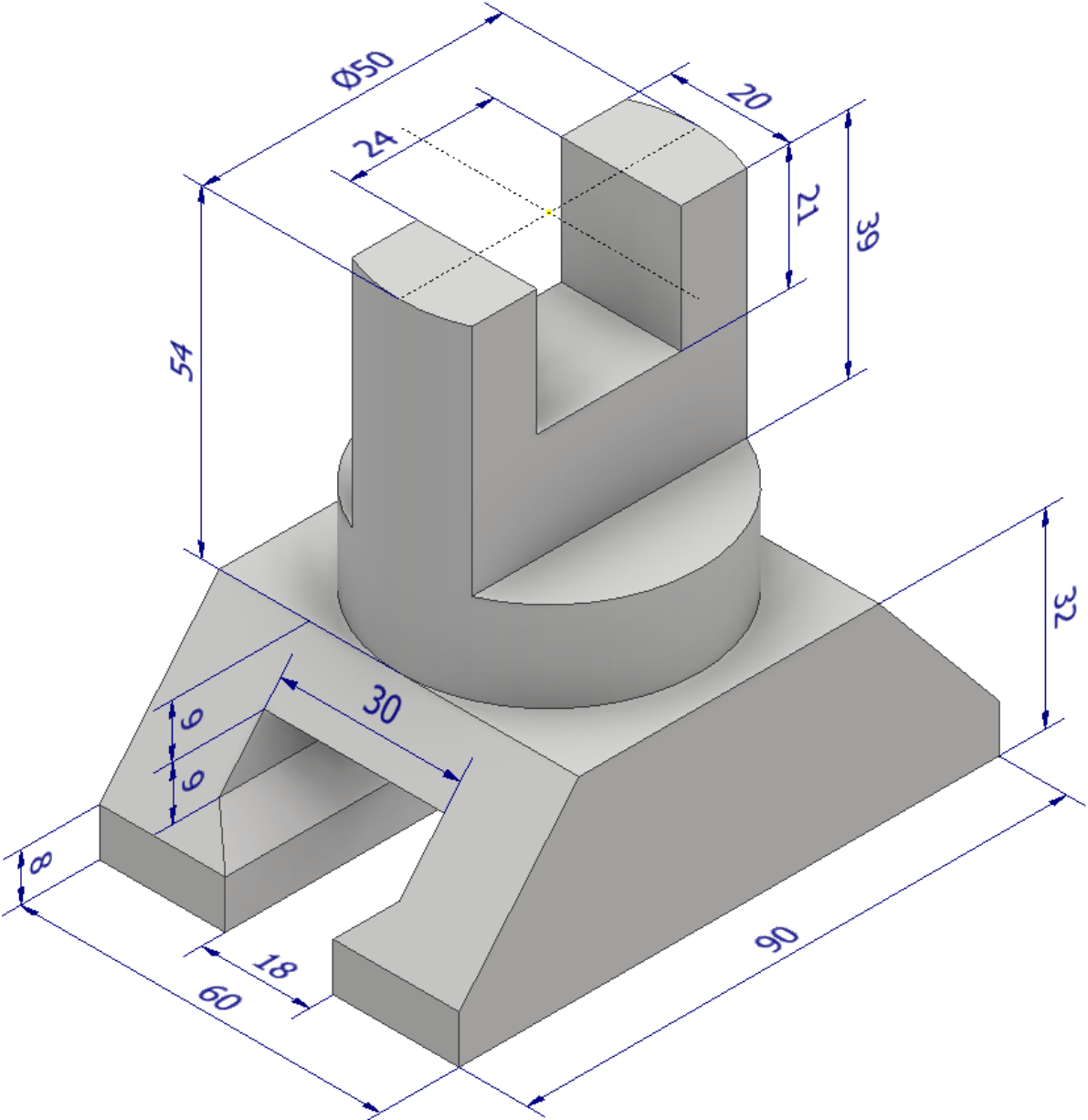
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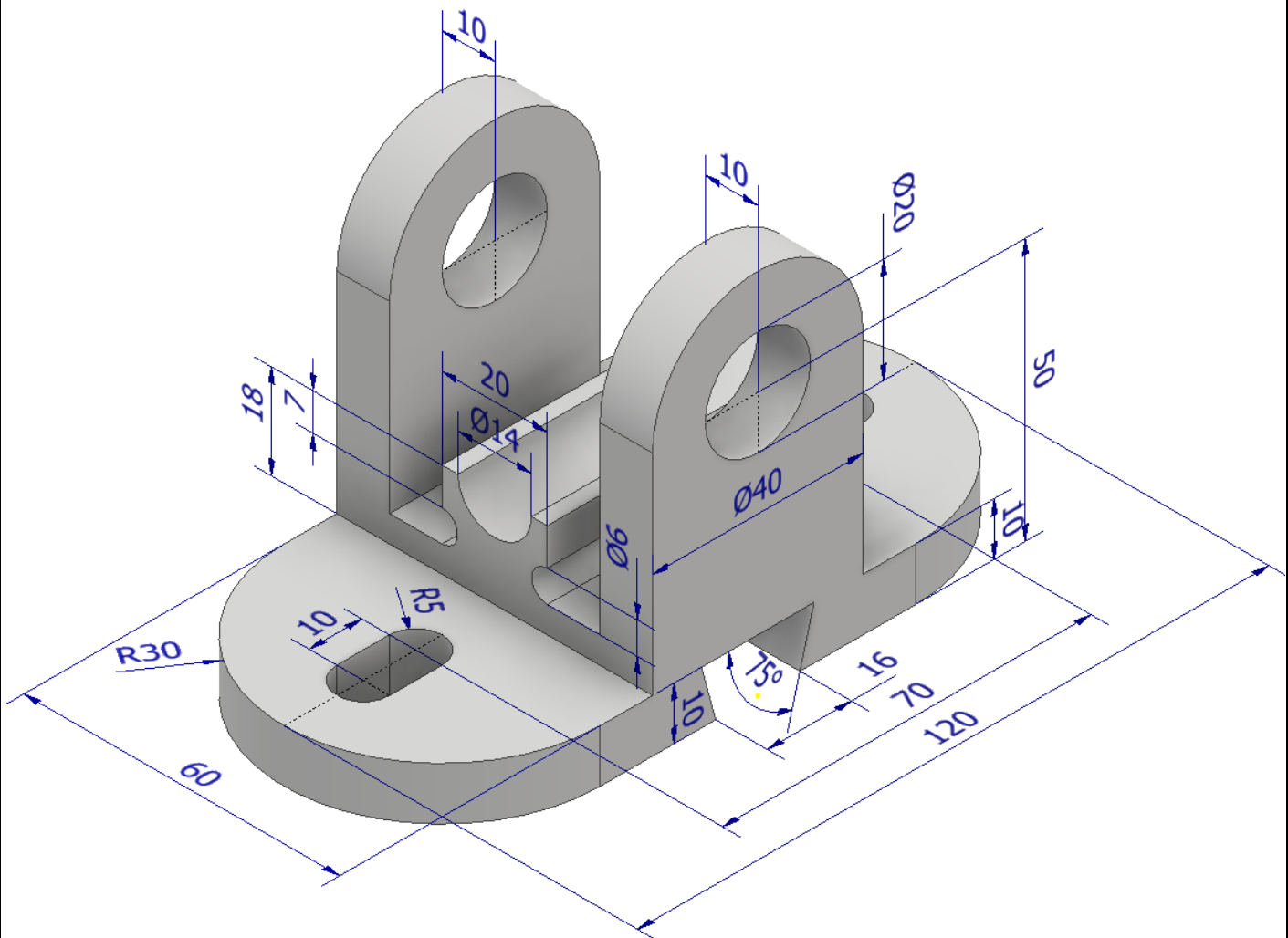
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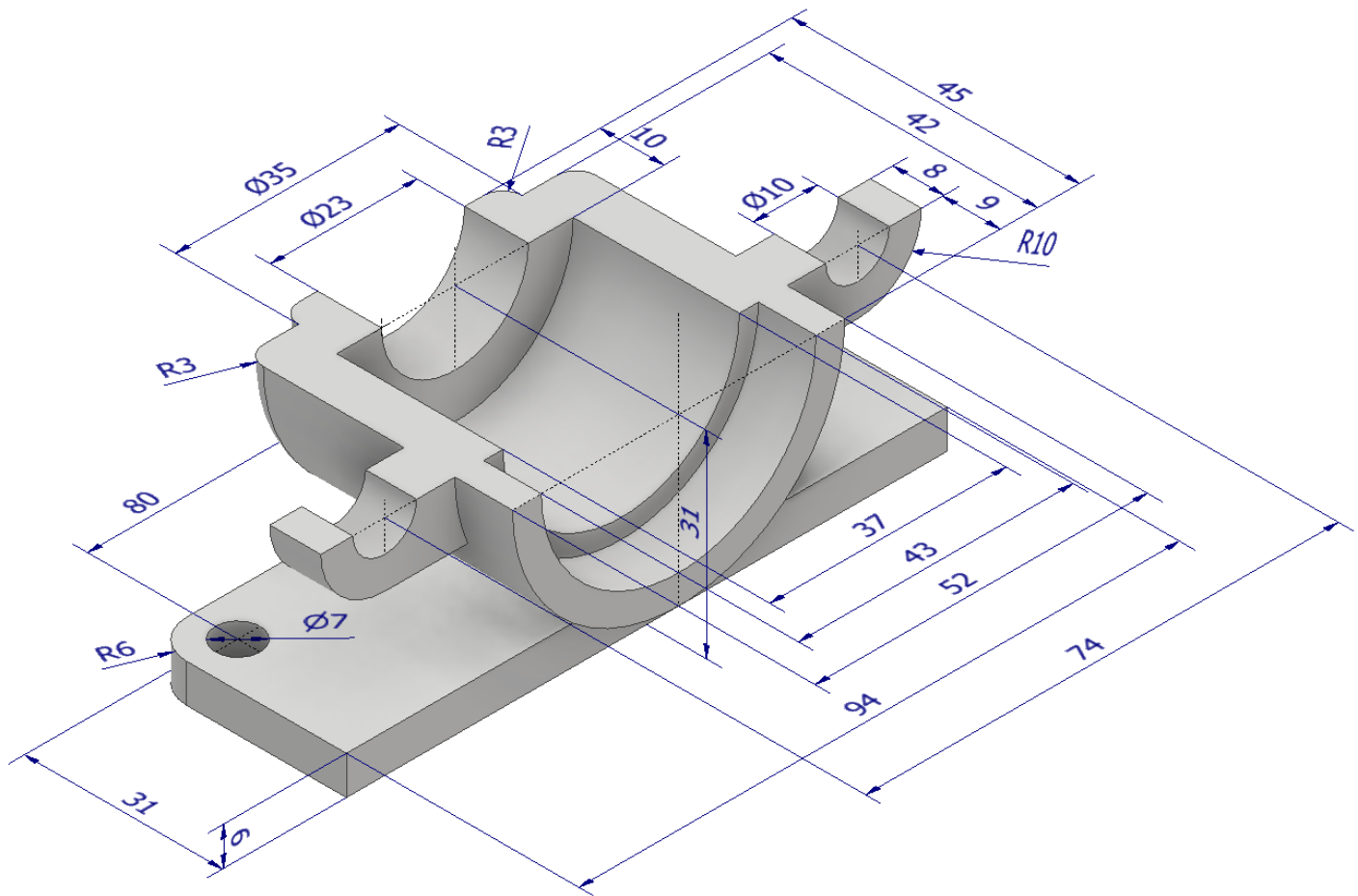


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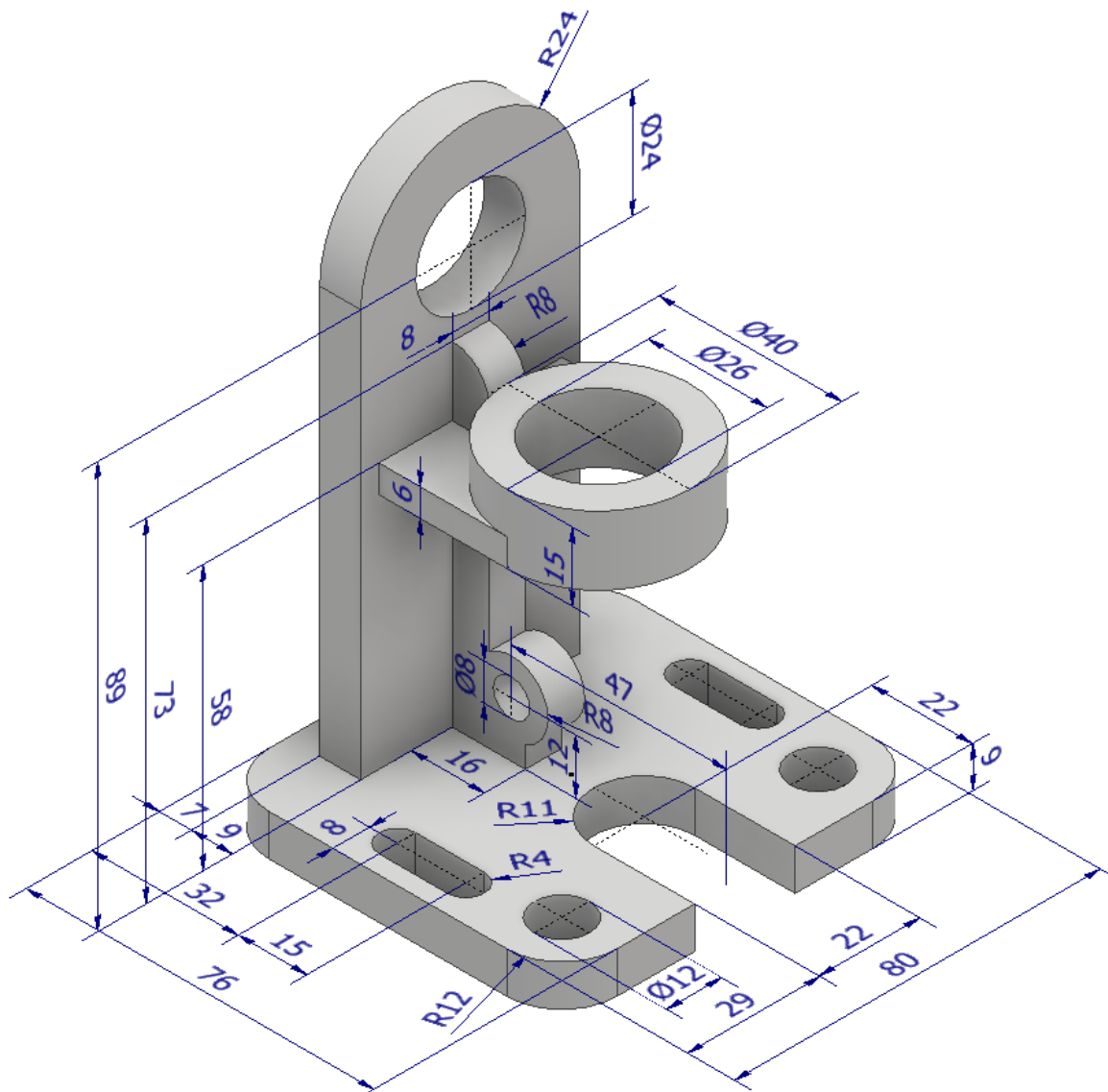
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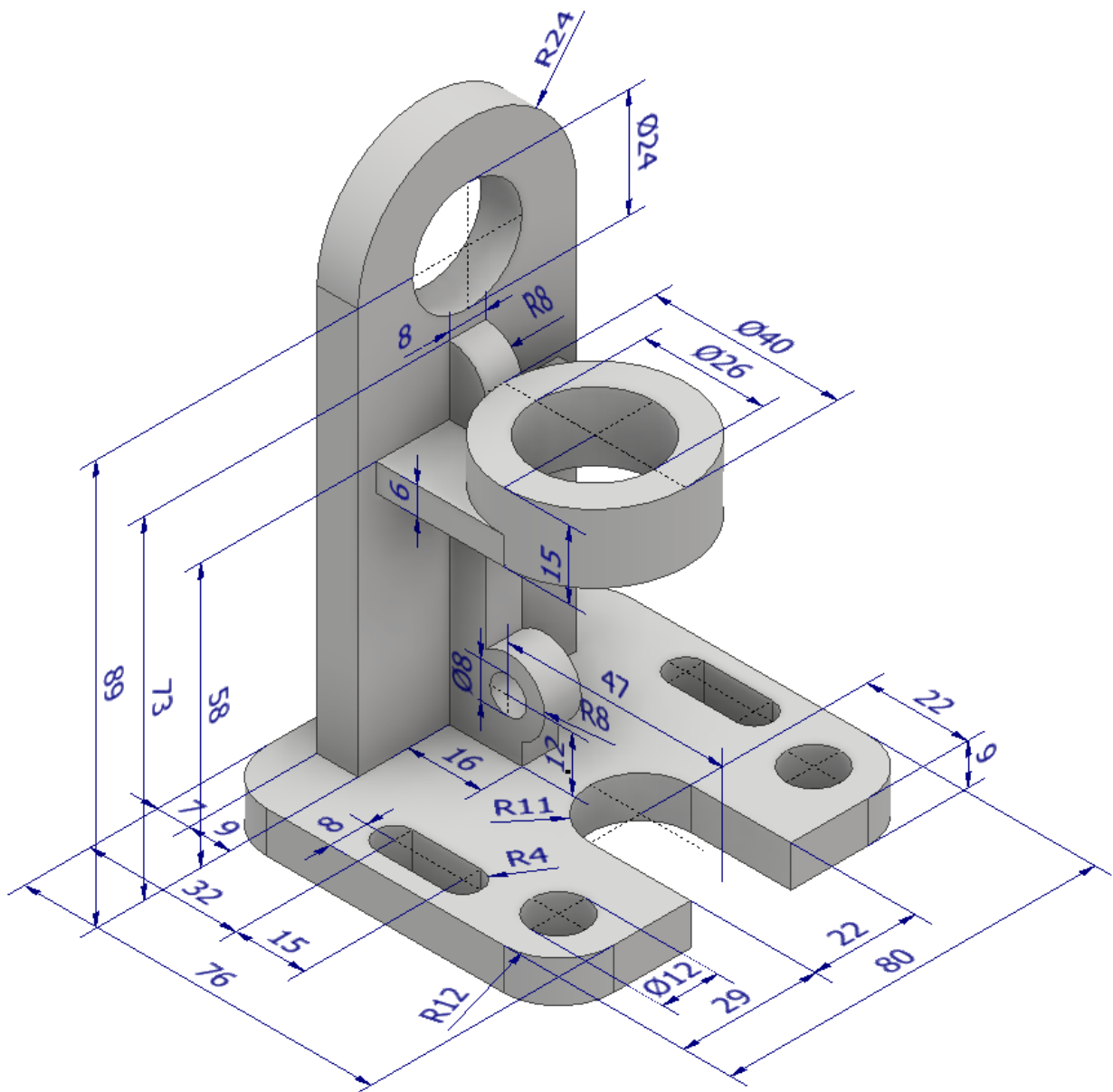
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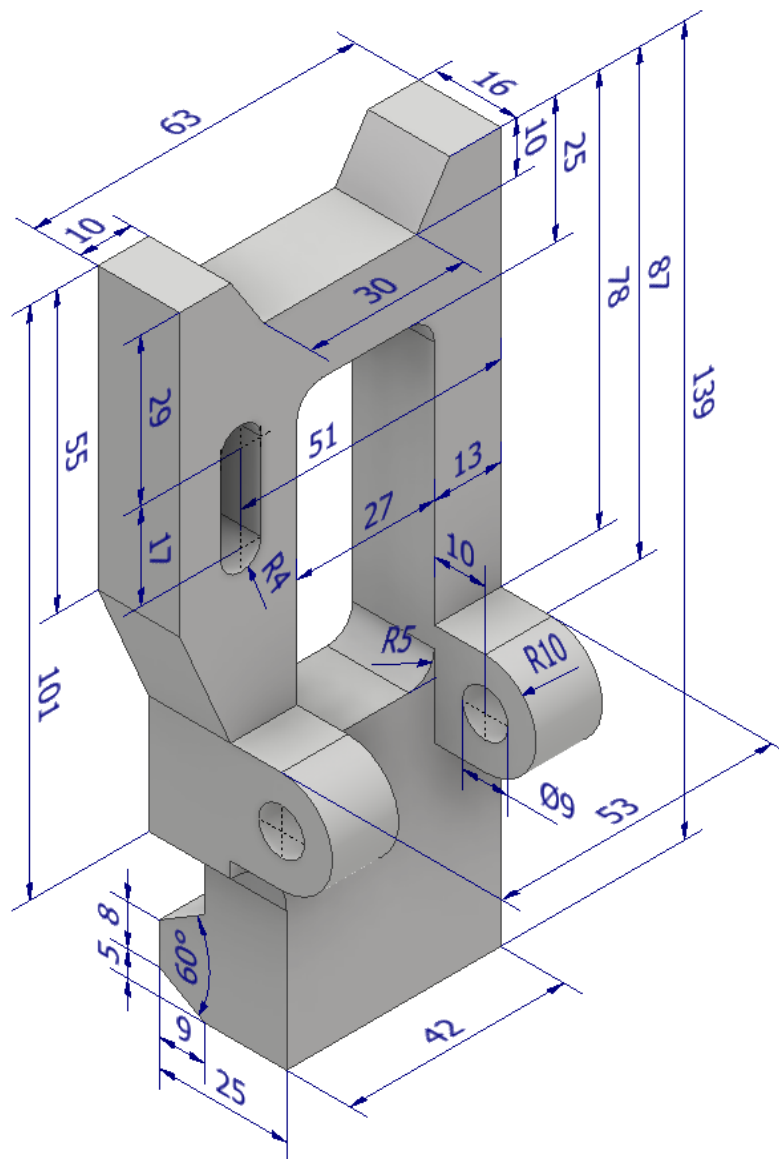
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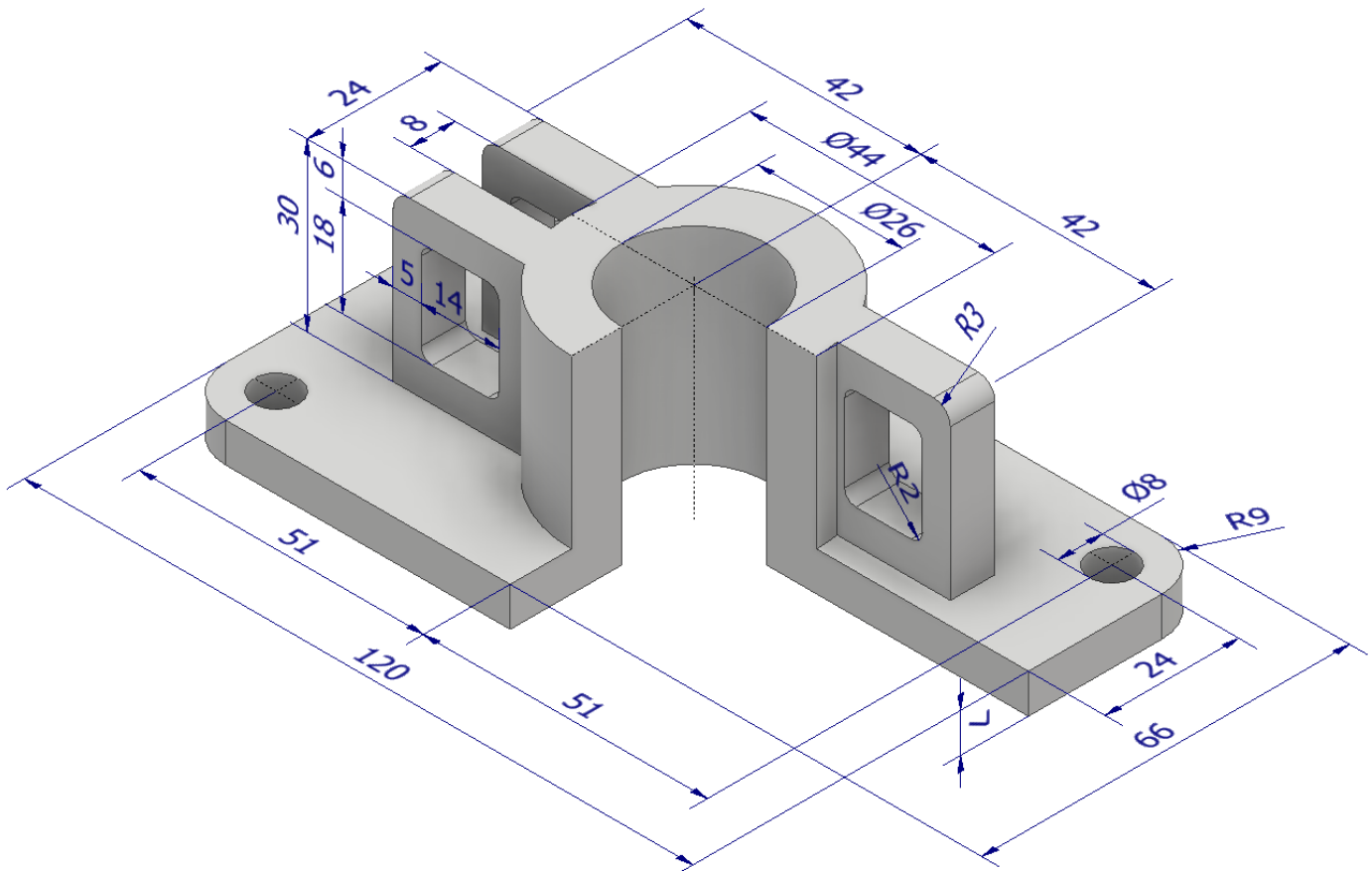
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