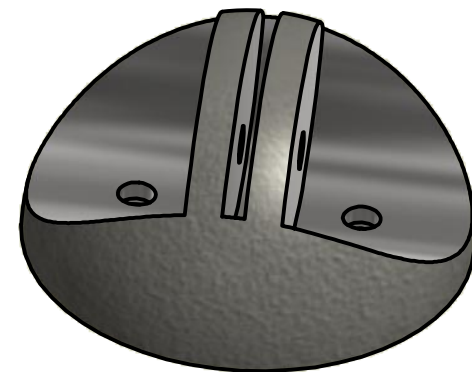
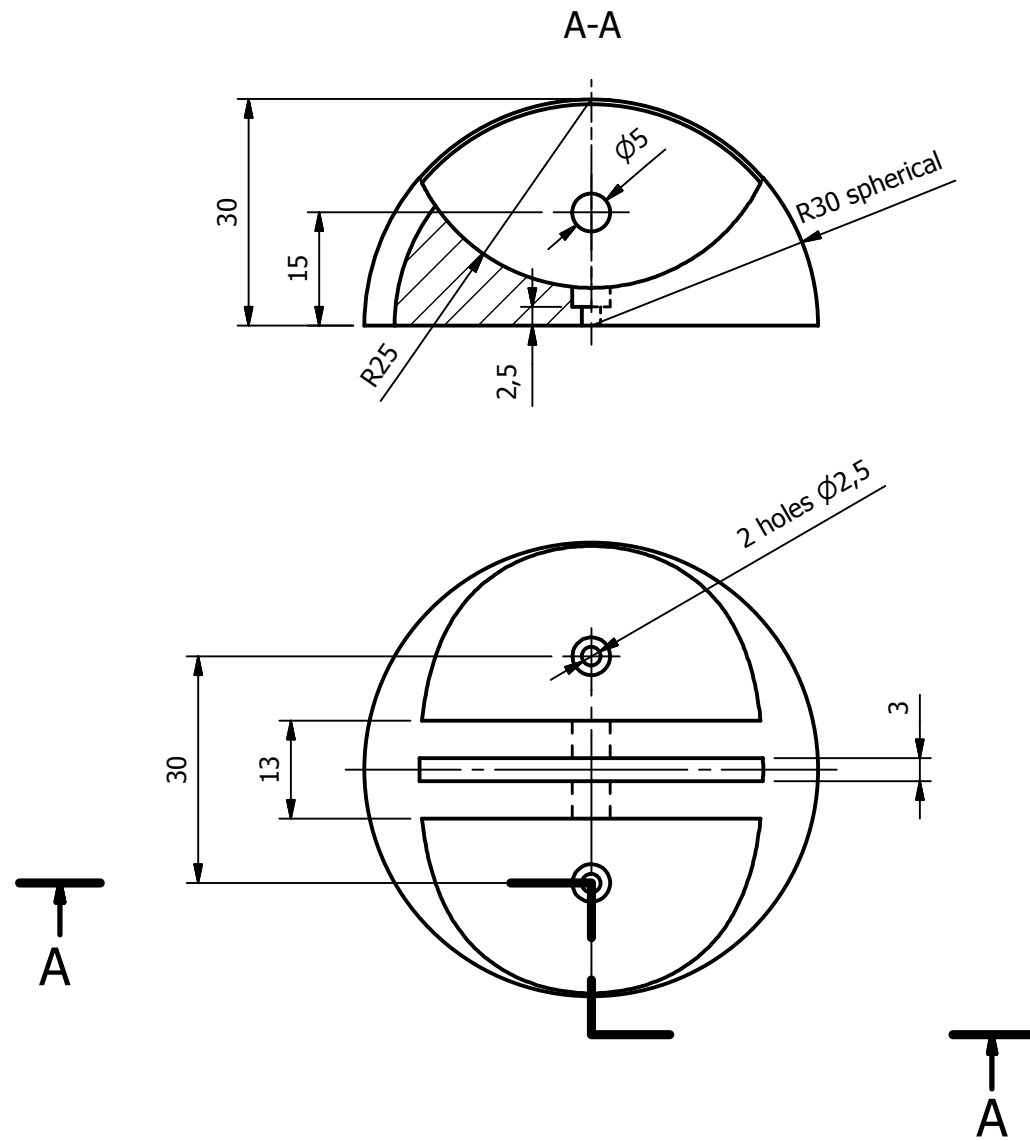
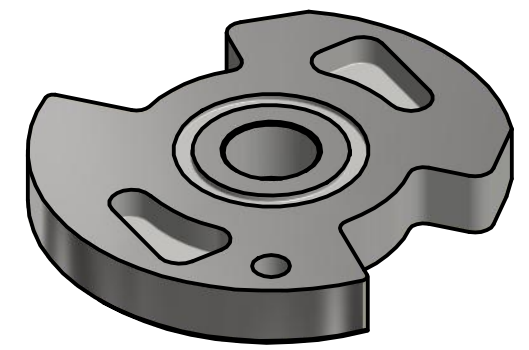
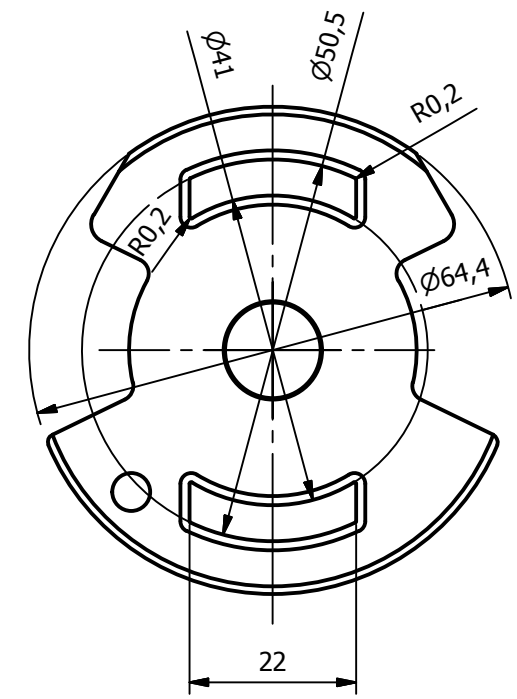
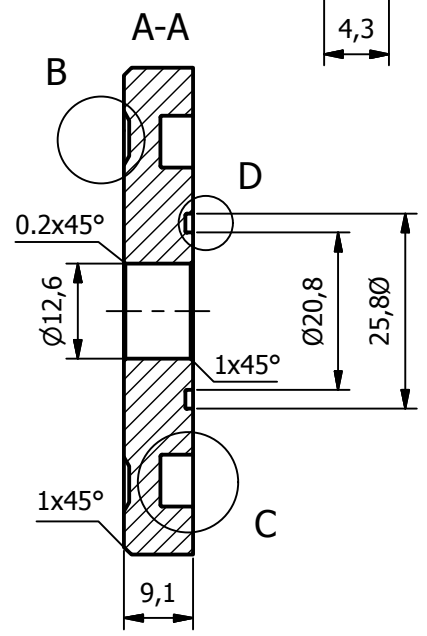
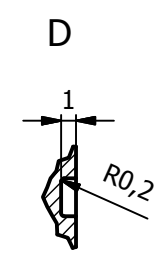
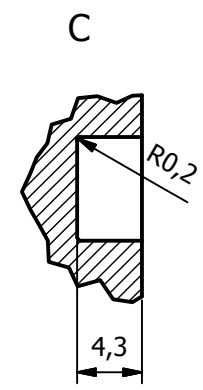
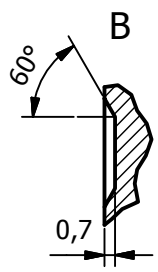
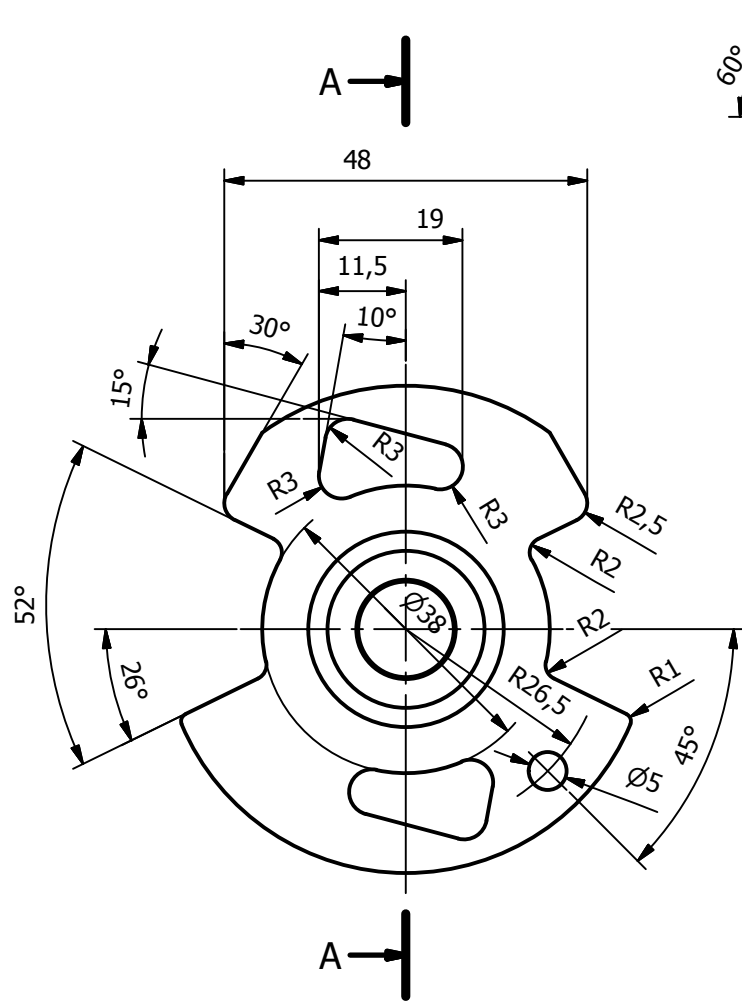
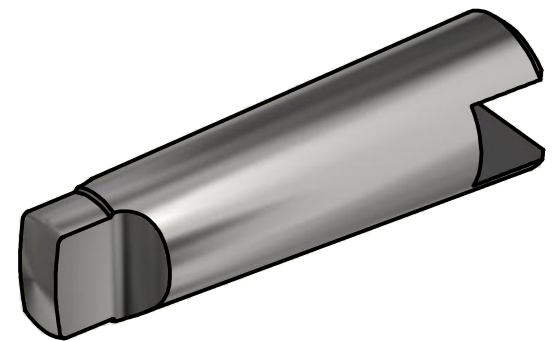
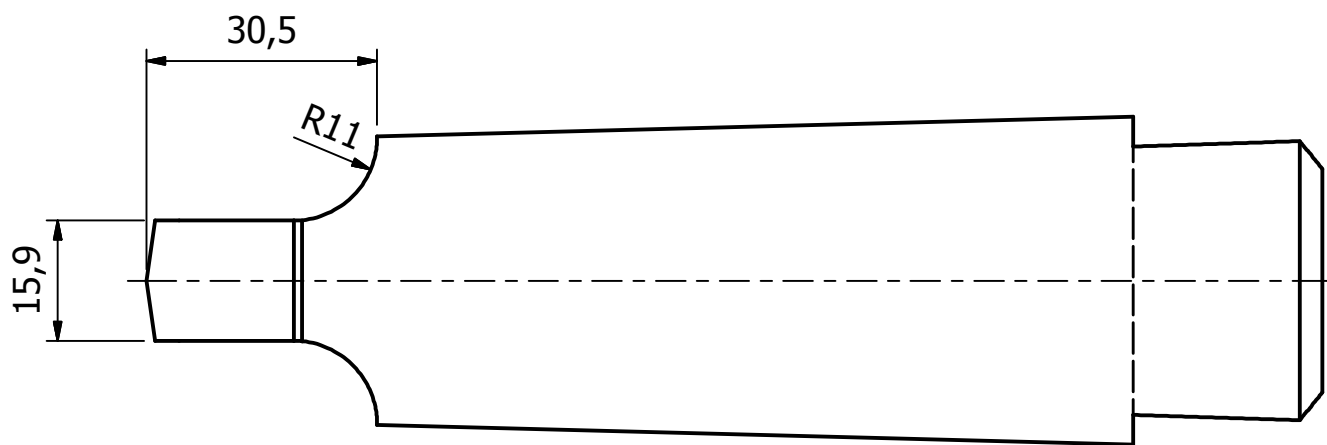
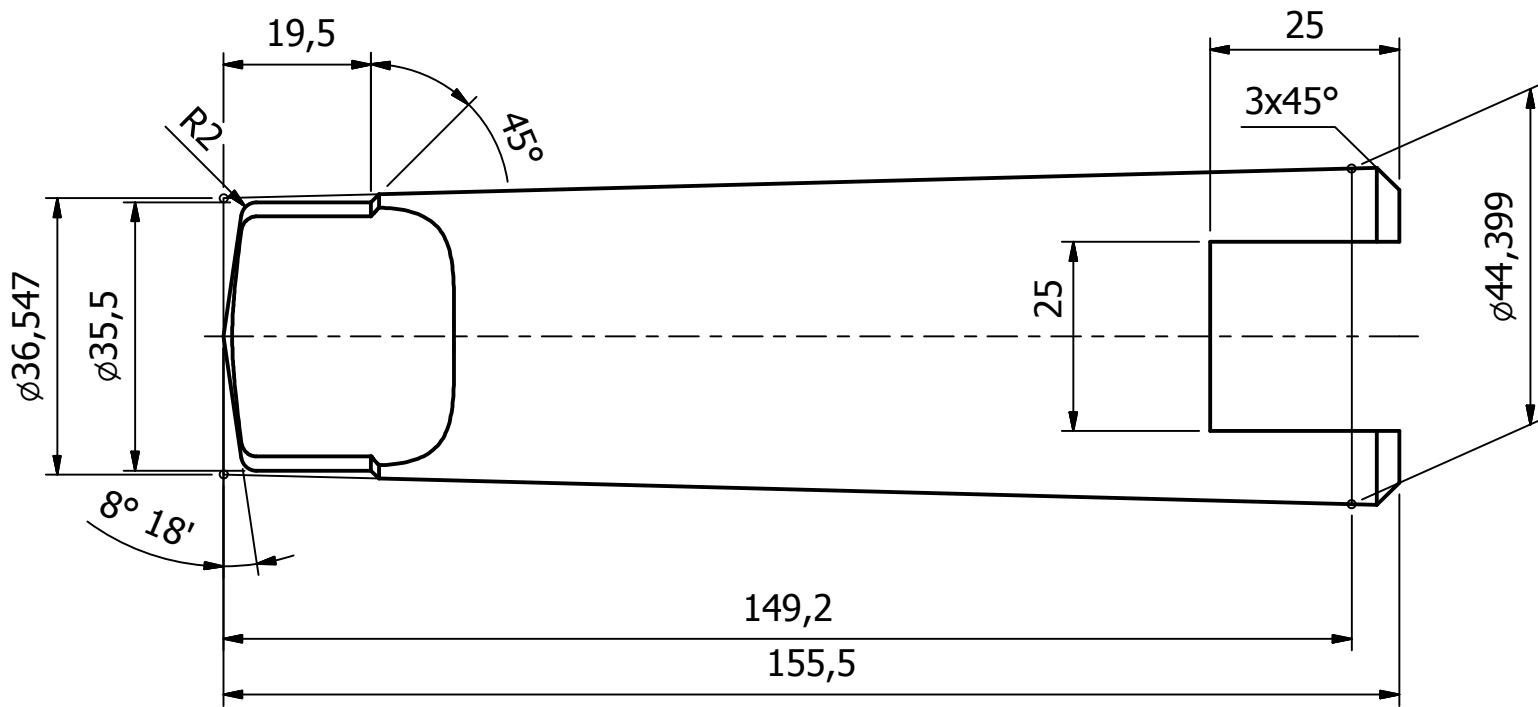


115.715 mm³

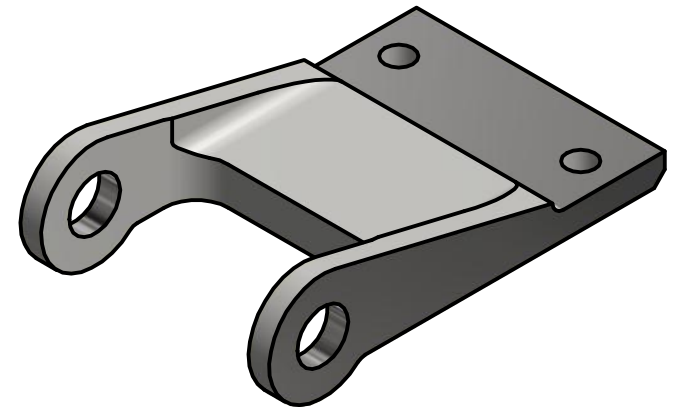
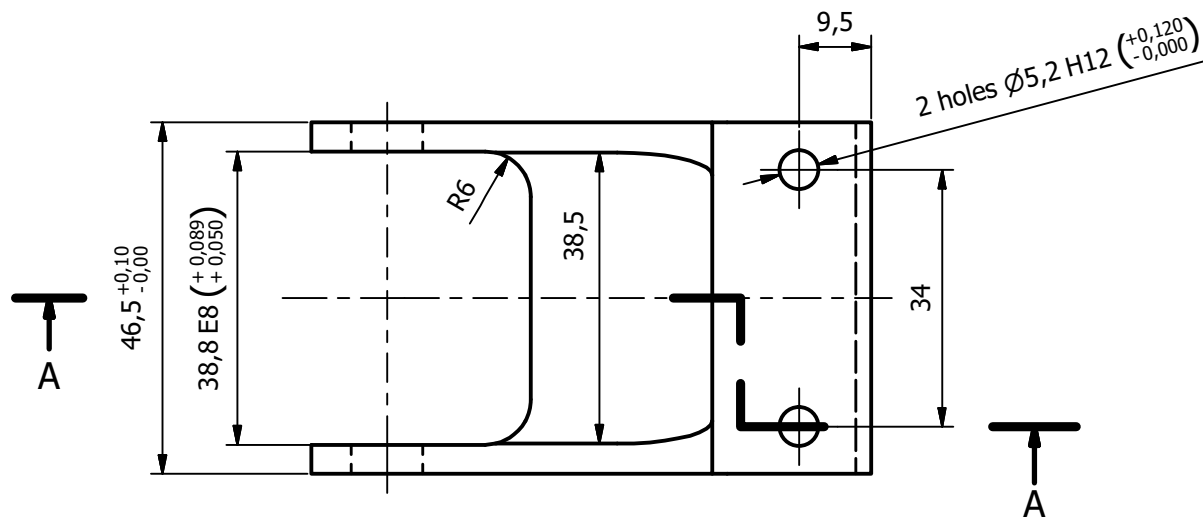
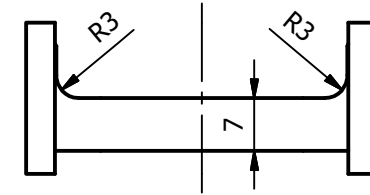
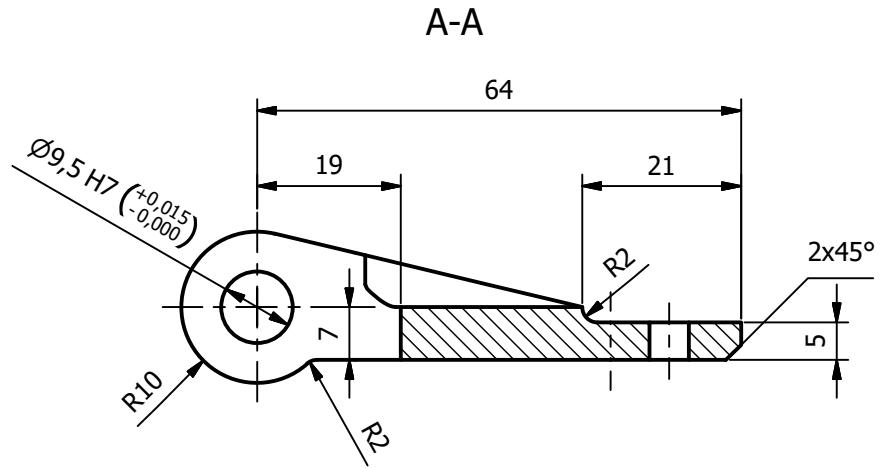


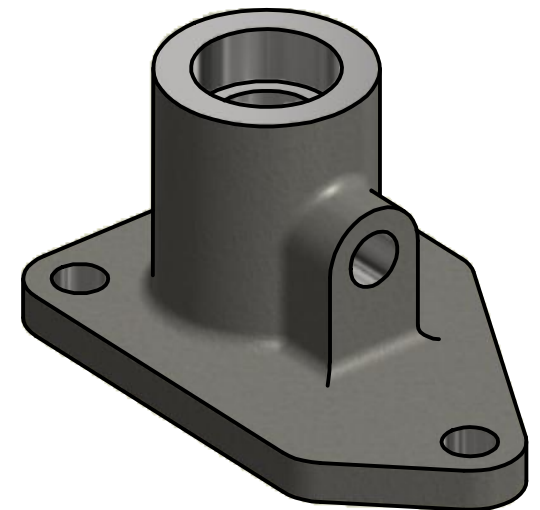
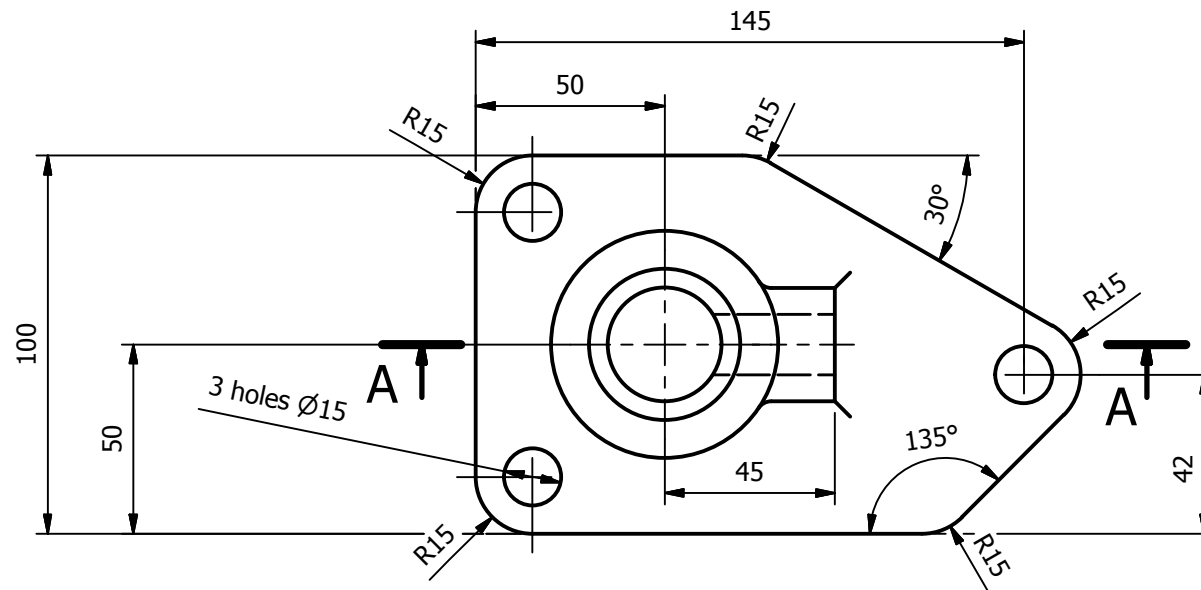
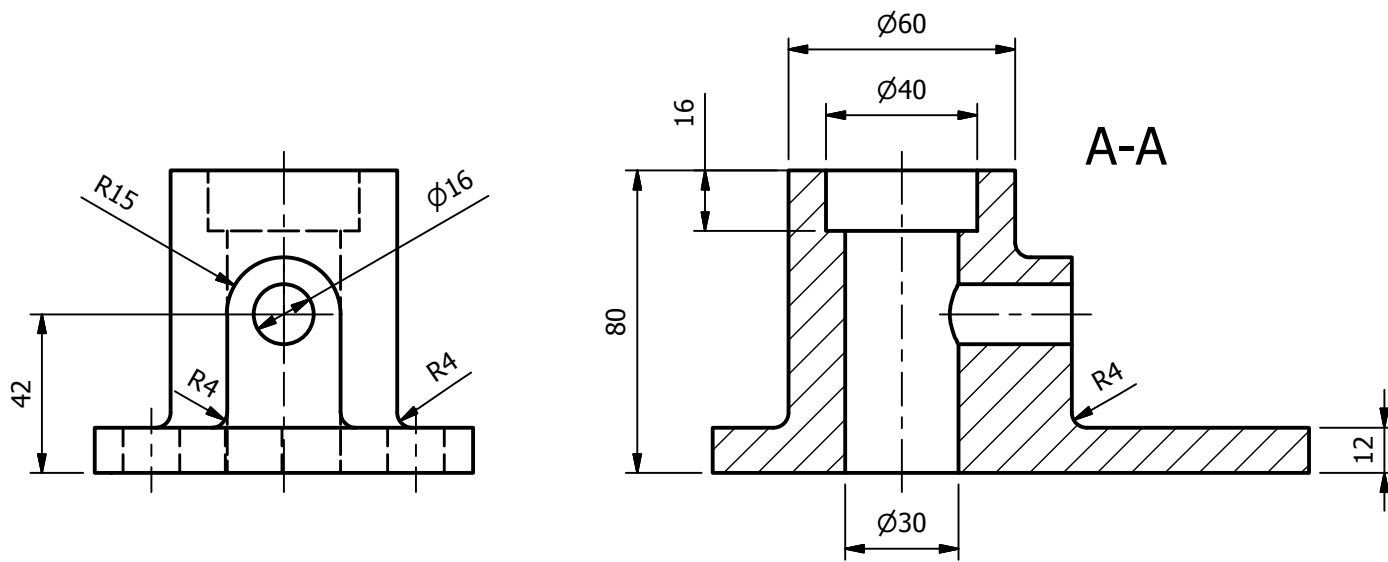


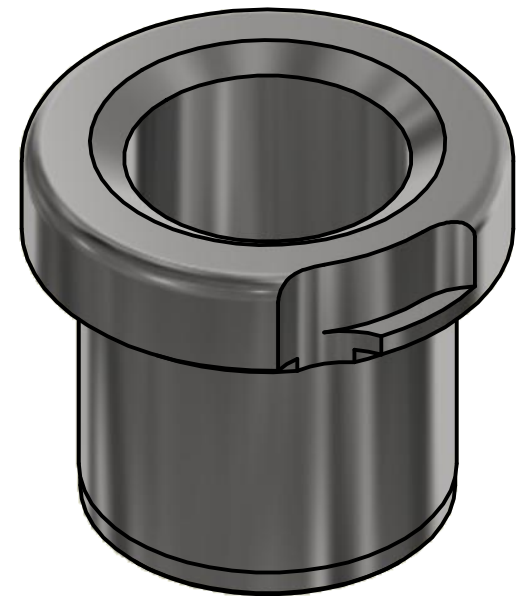
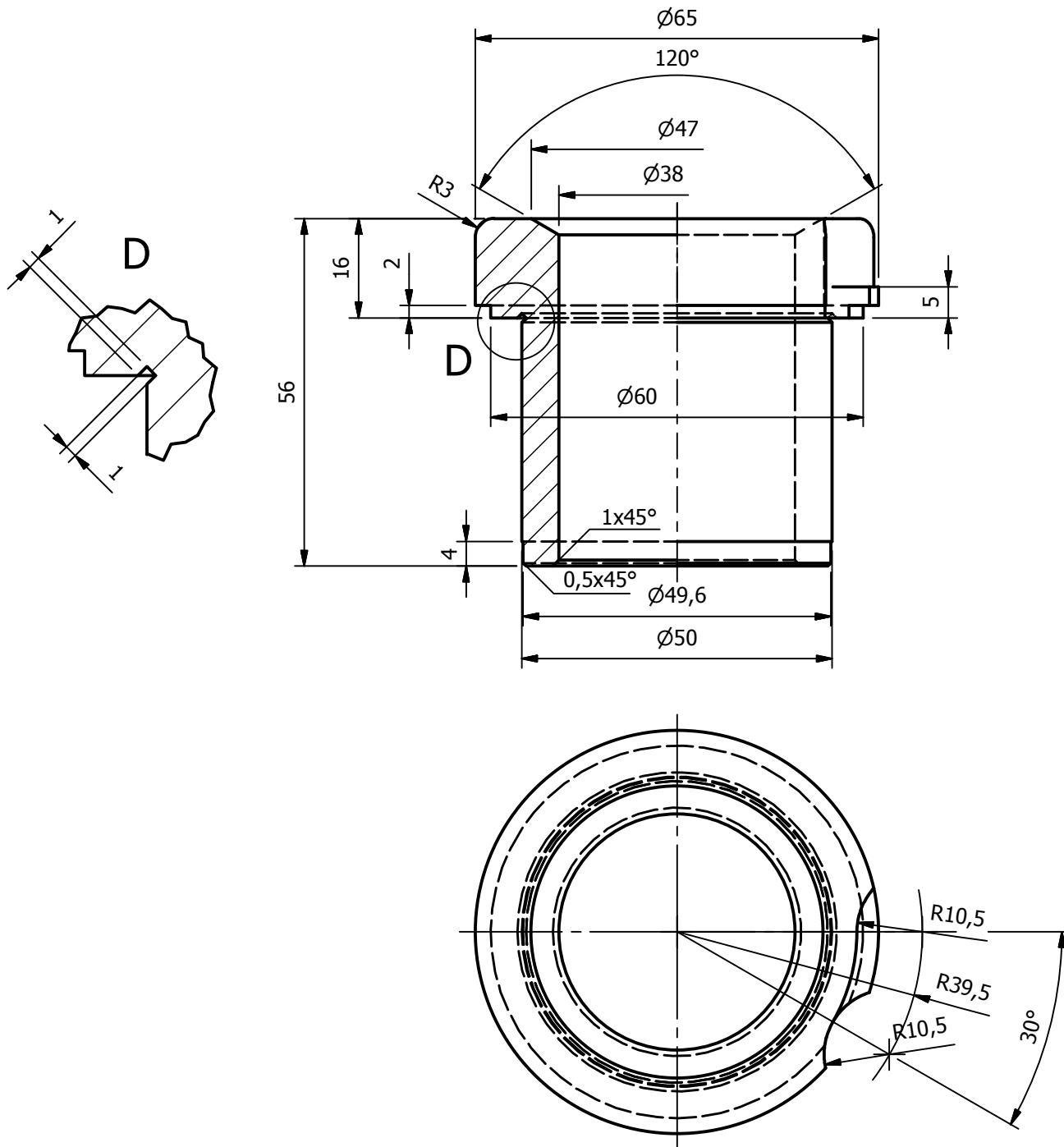
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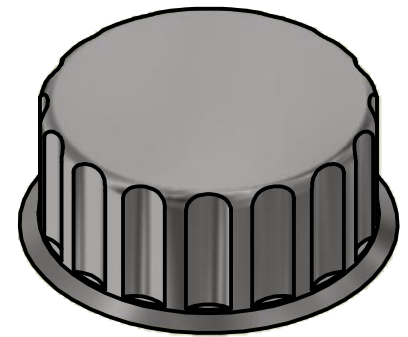
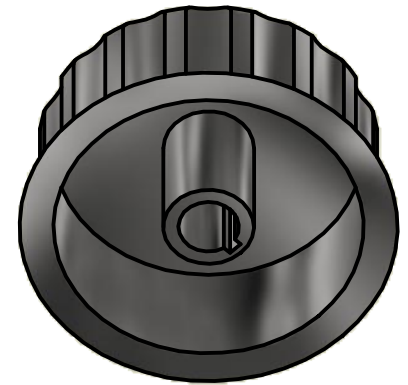
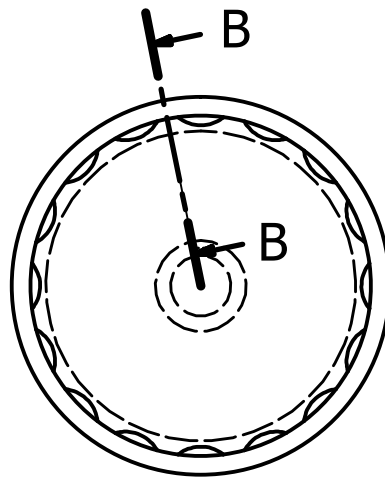
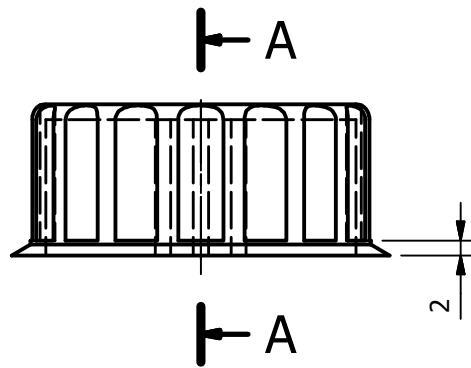
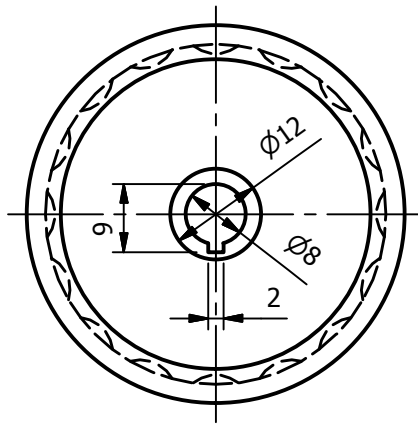
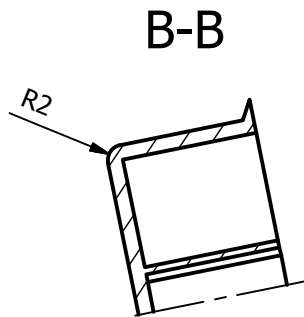
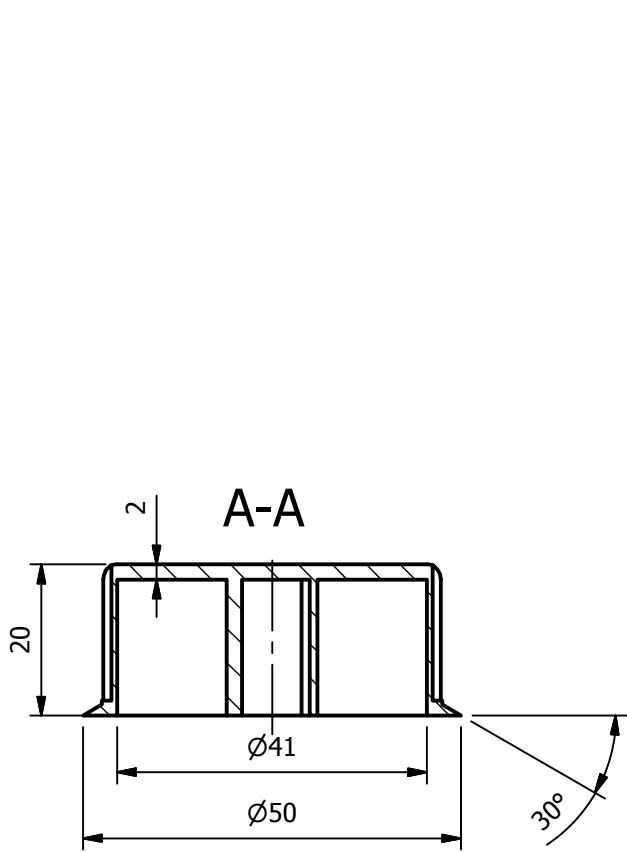


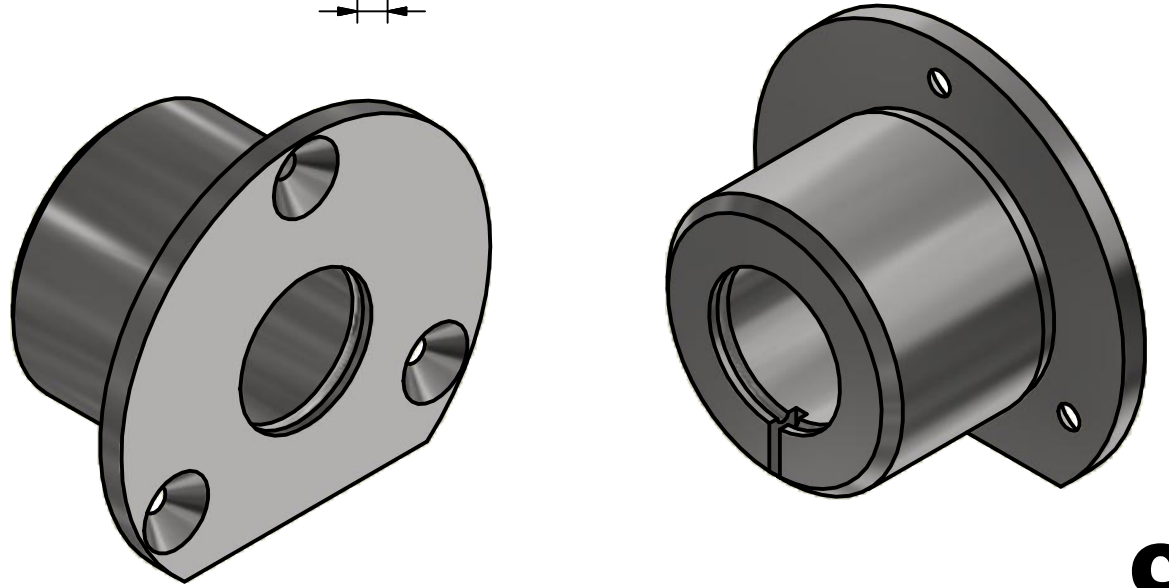
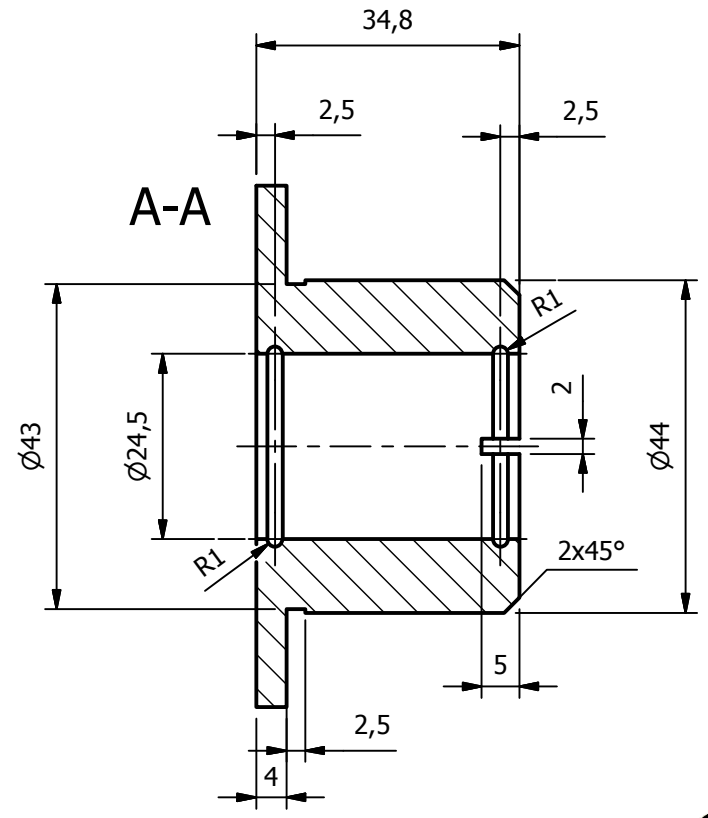
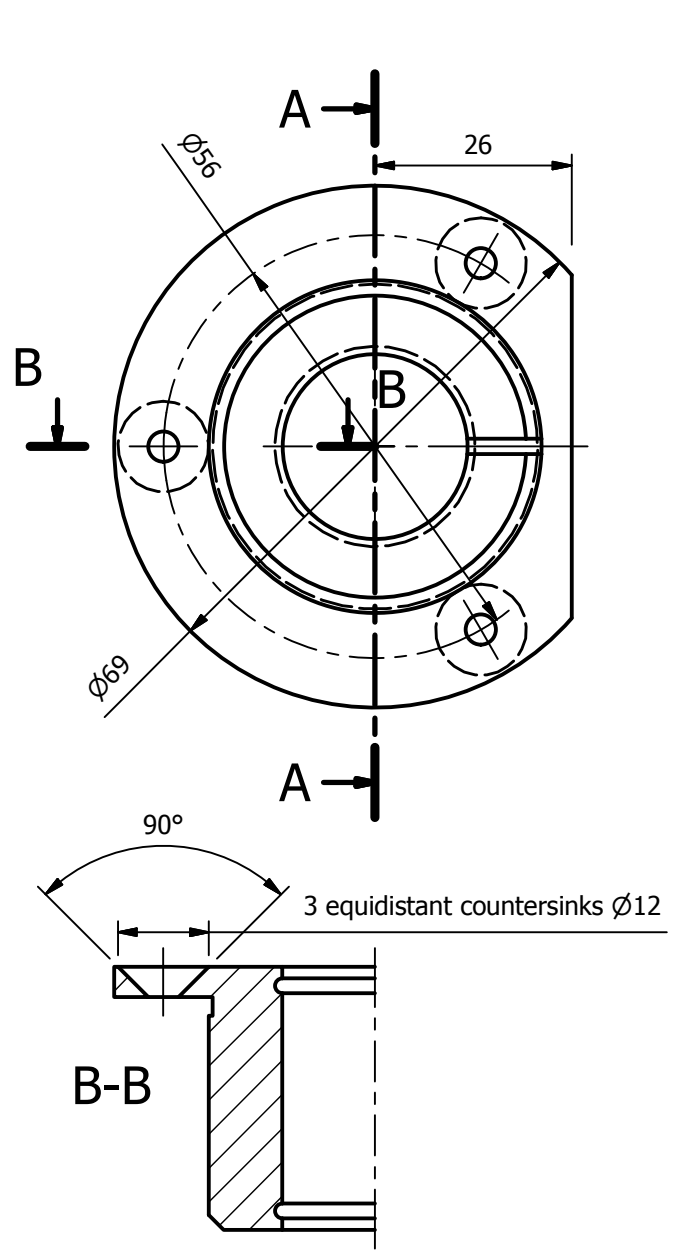
160443.413 mm³



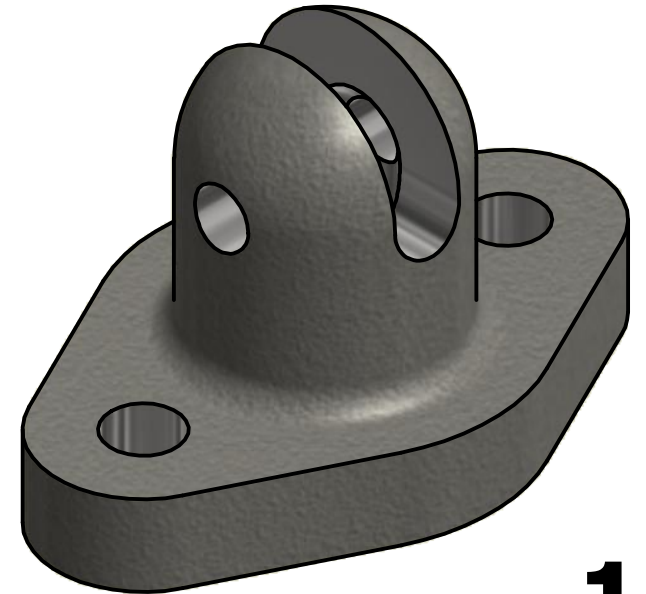
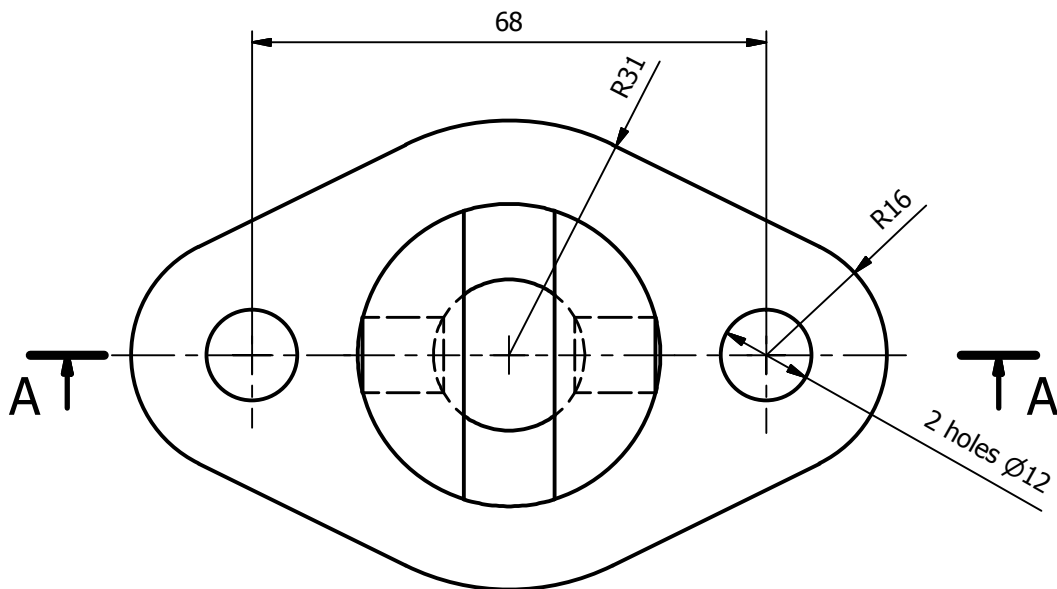
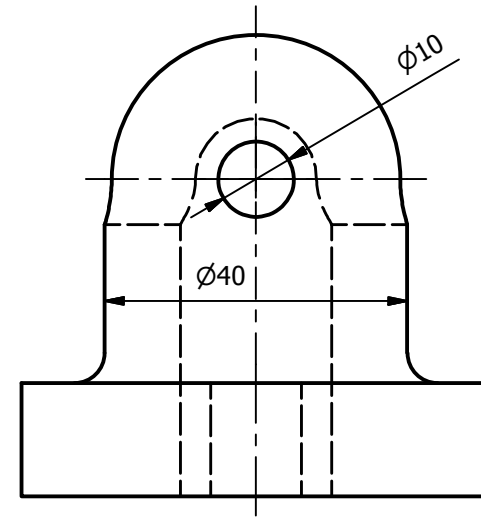
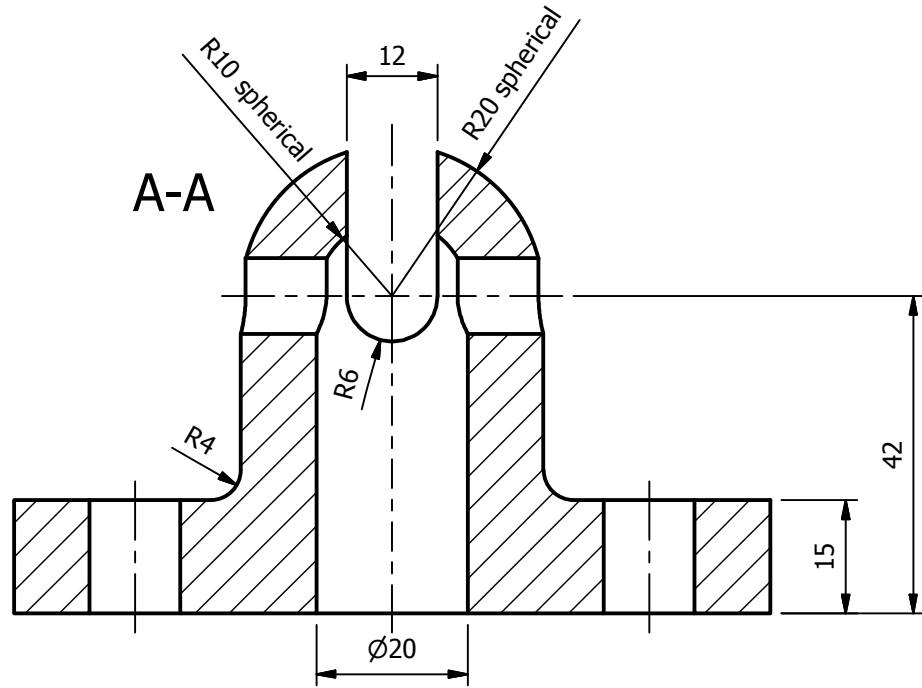




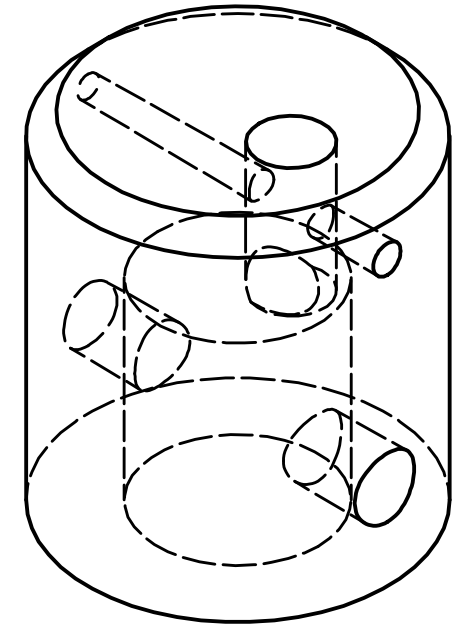
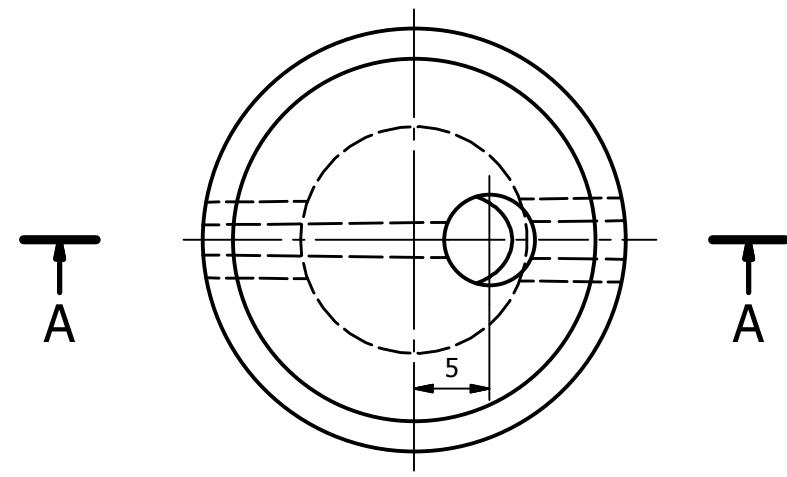
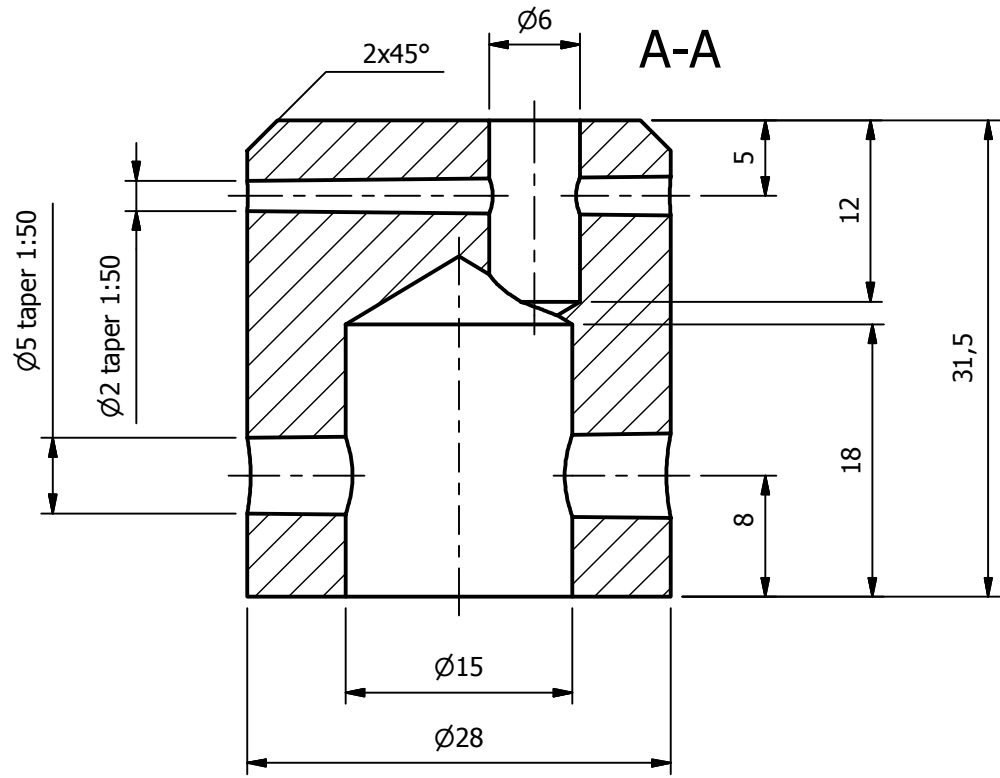




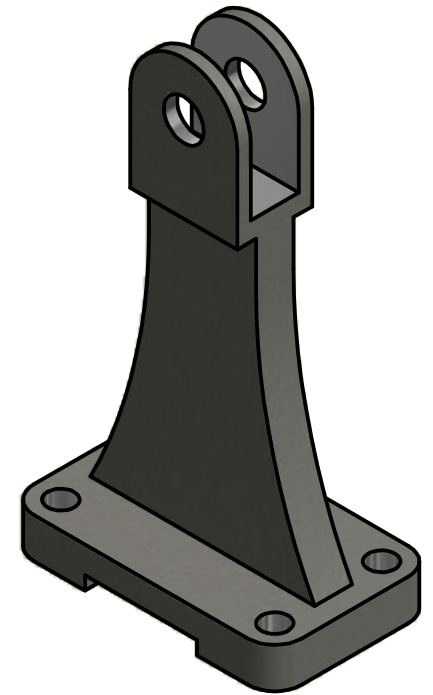
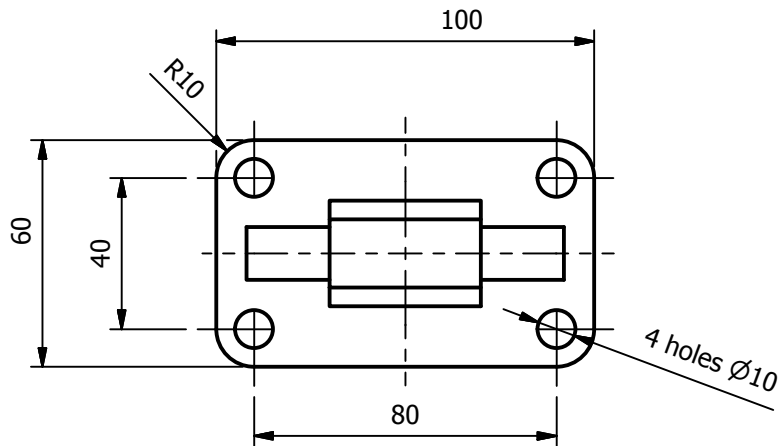
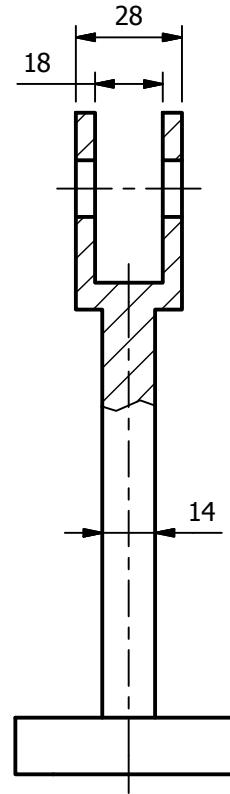
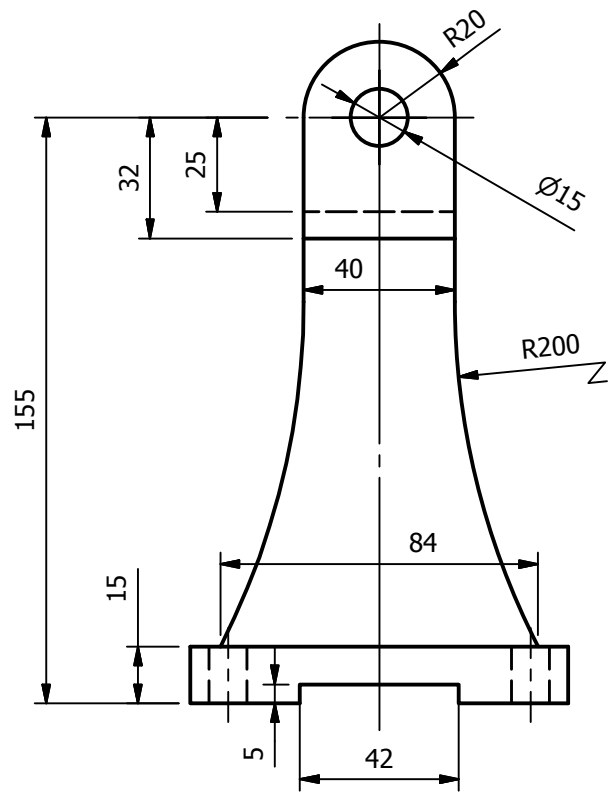
42893.903 mm³



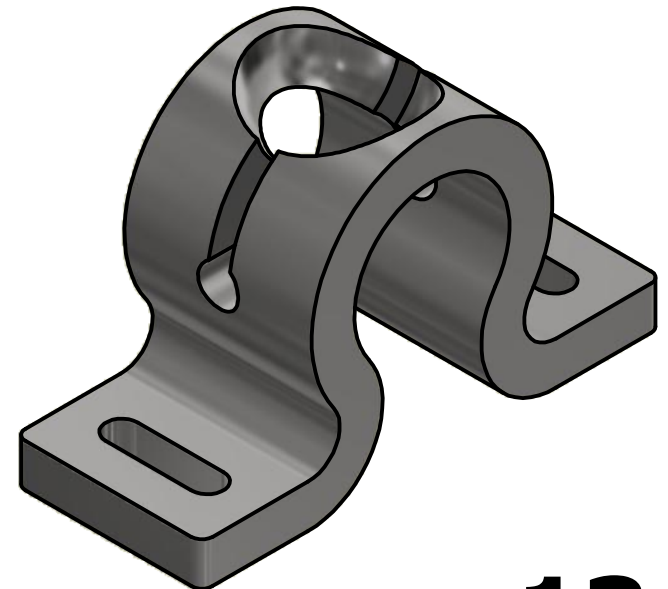
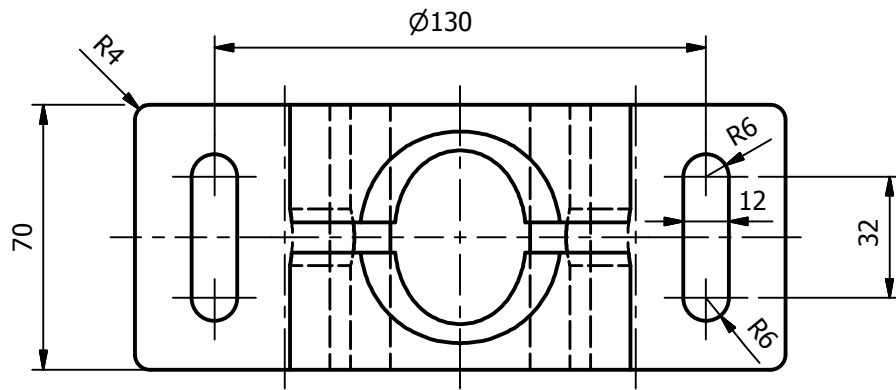
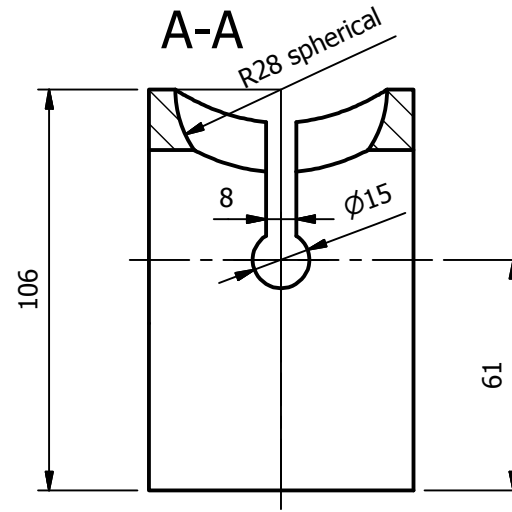
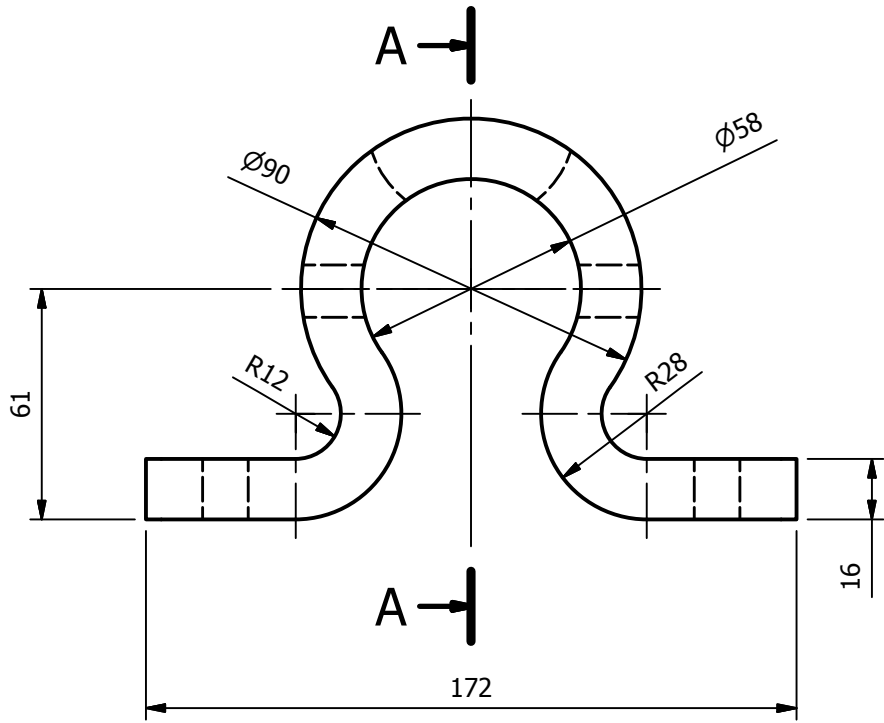
88776.577 mm³

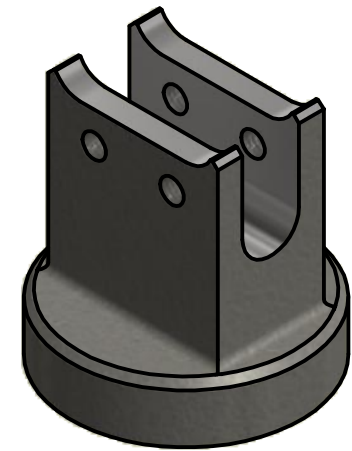
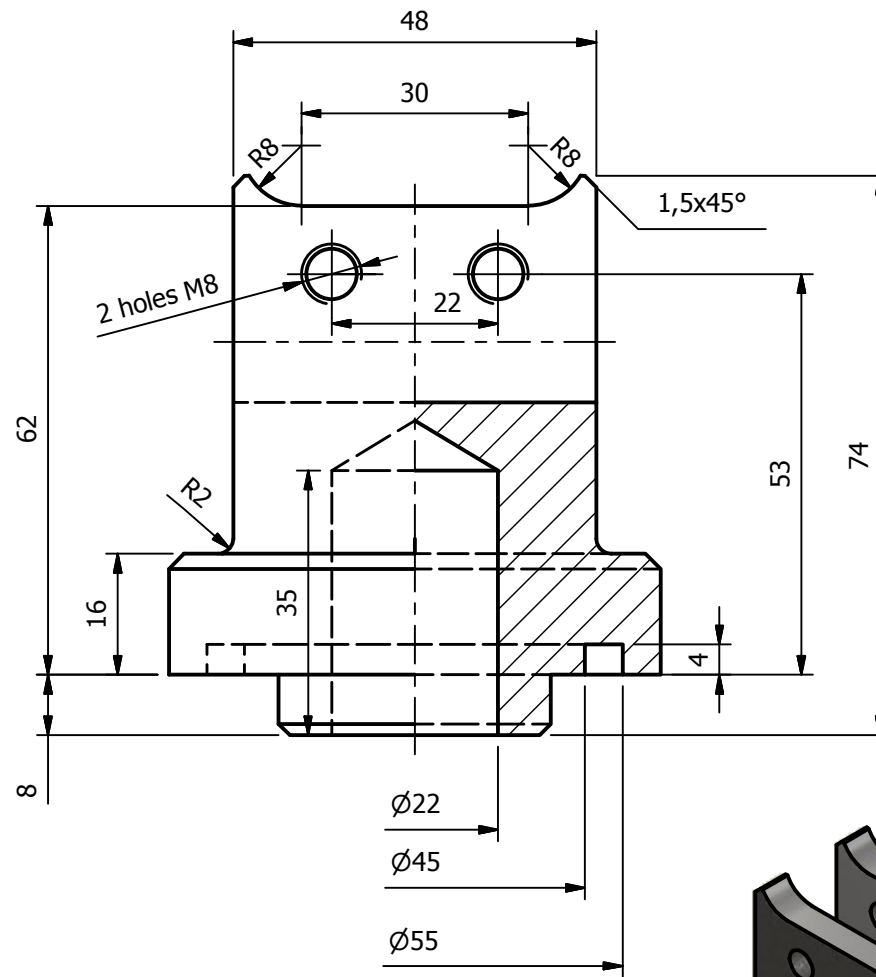
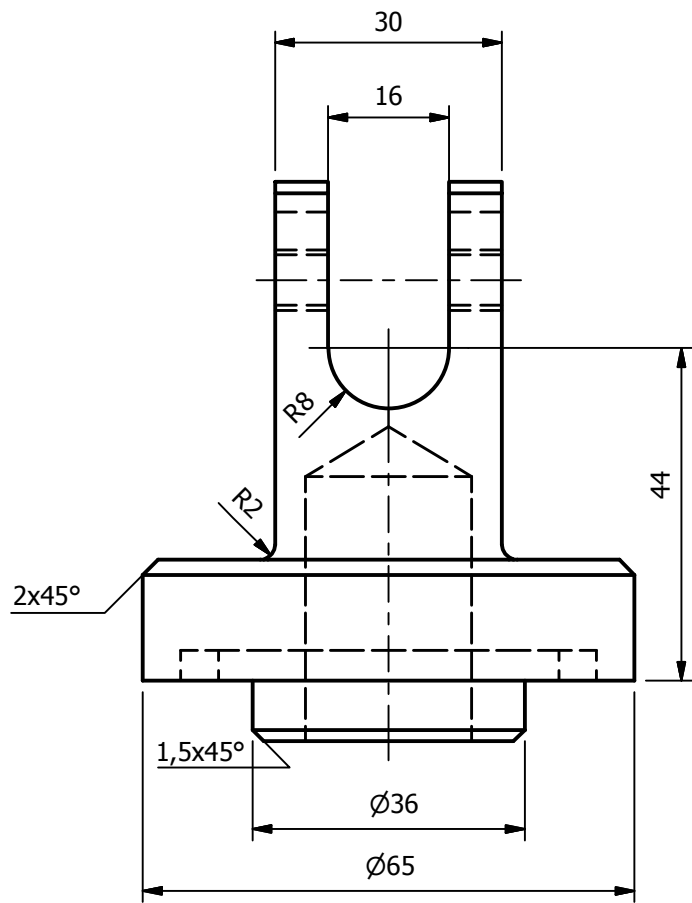


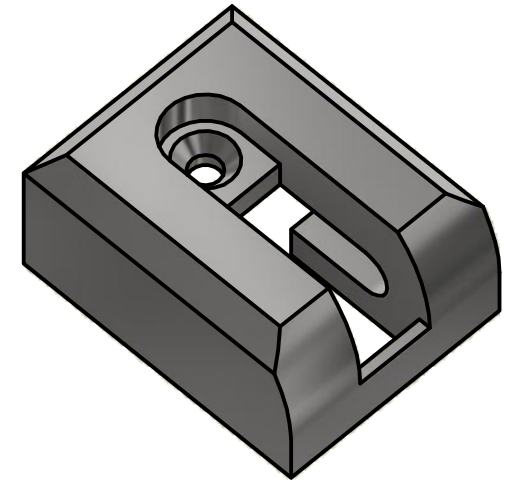
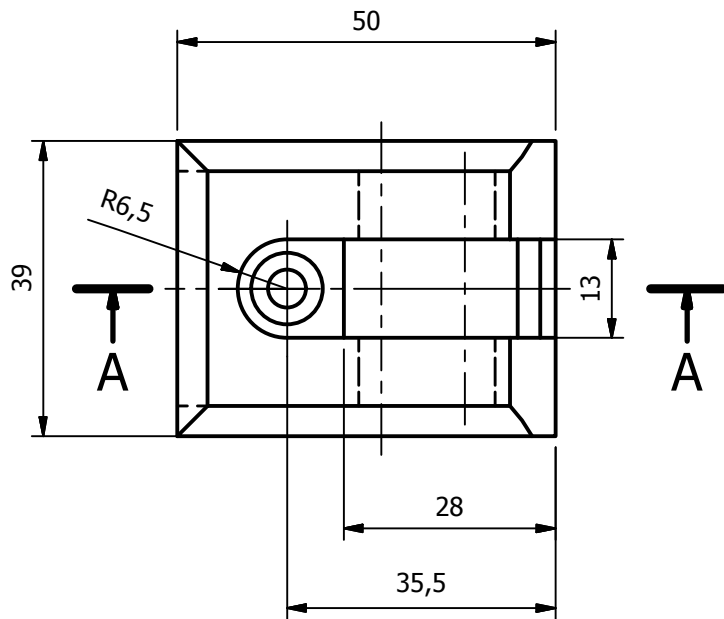
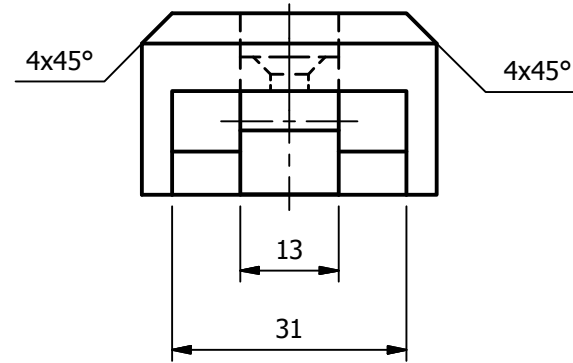
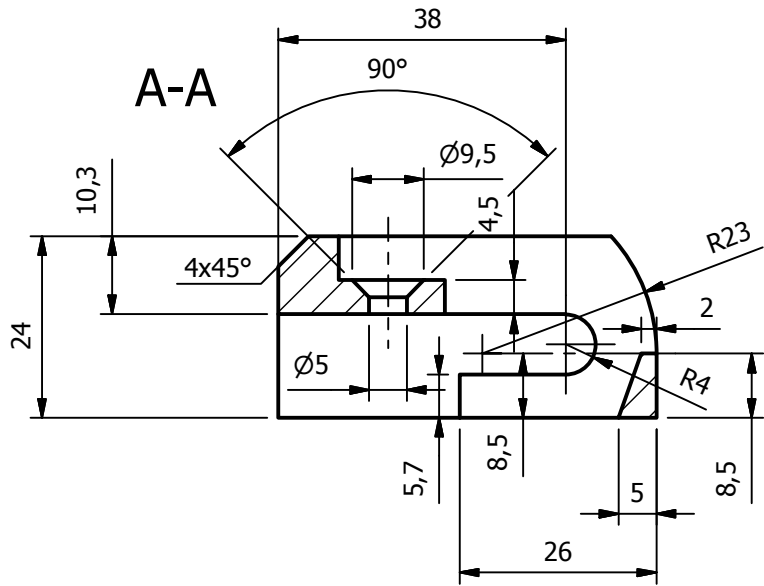
Note: The taper K is the rapport of the diameter difference of two cross sections of a cone and the axial distance between the sections

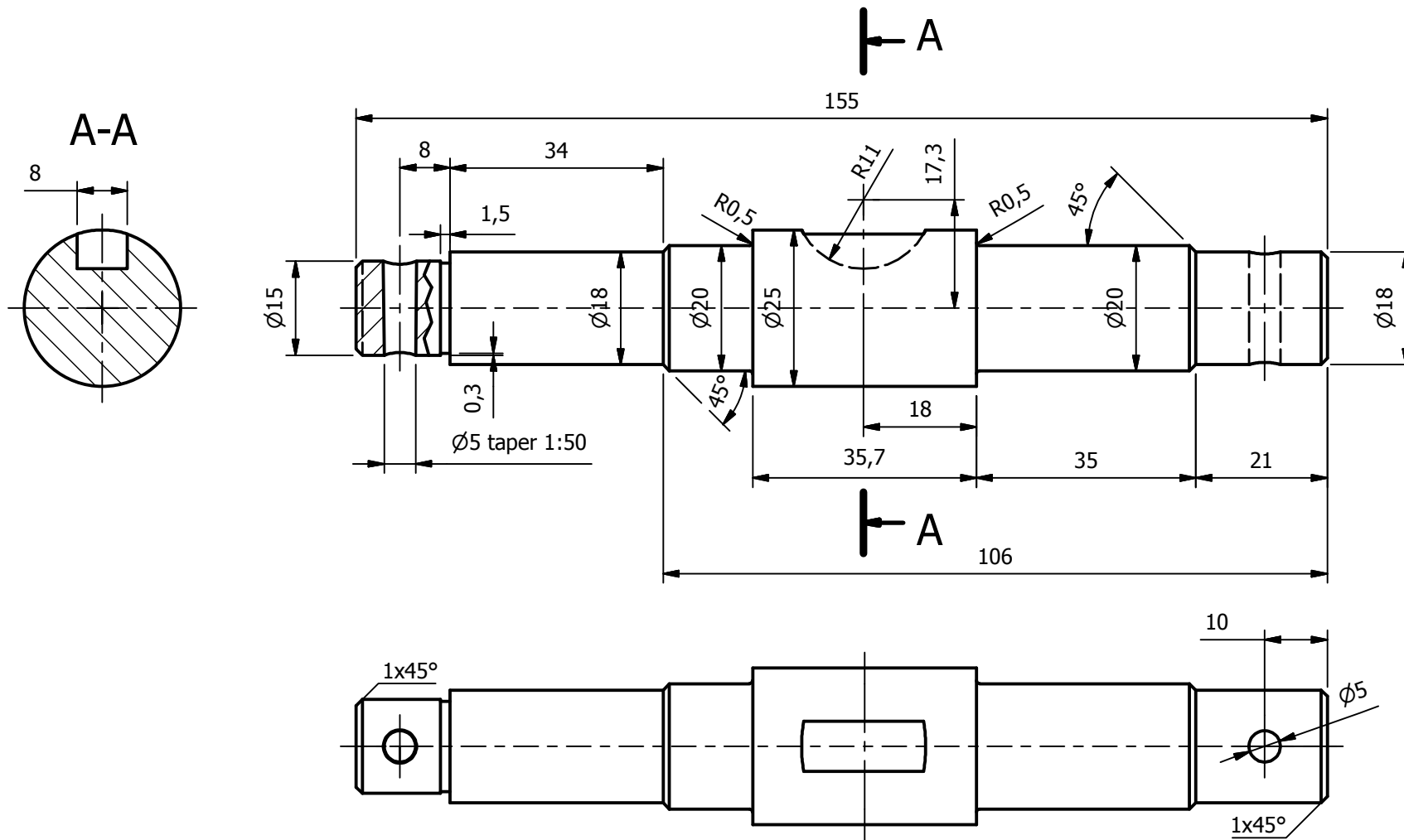


172529.495 mm³

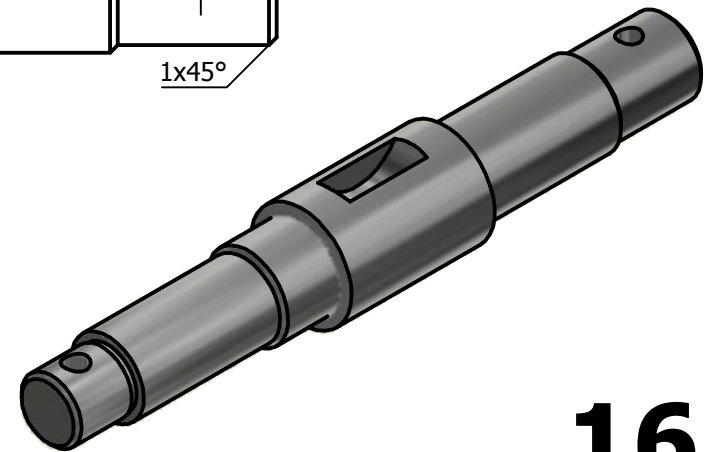


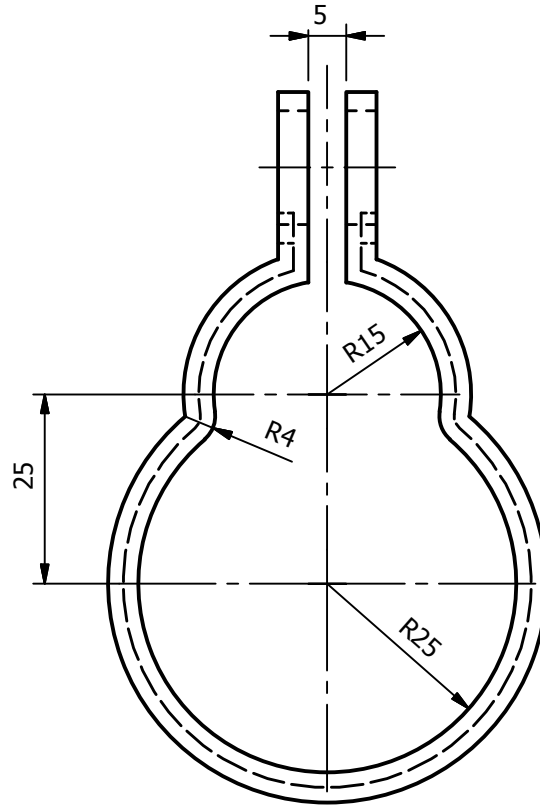
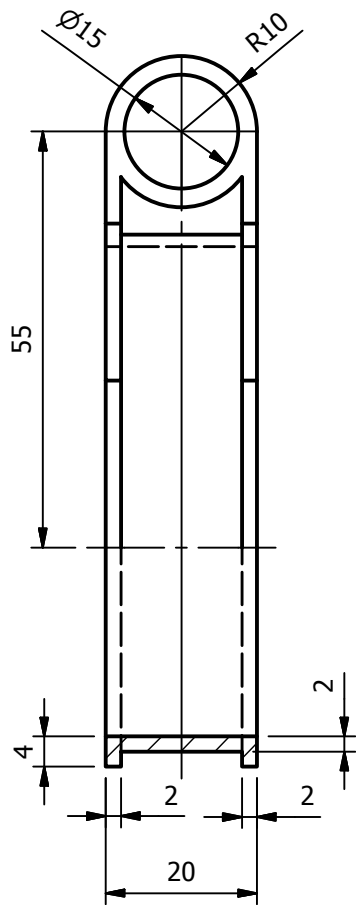


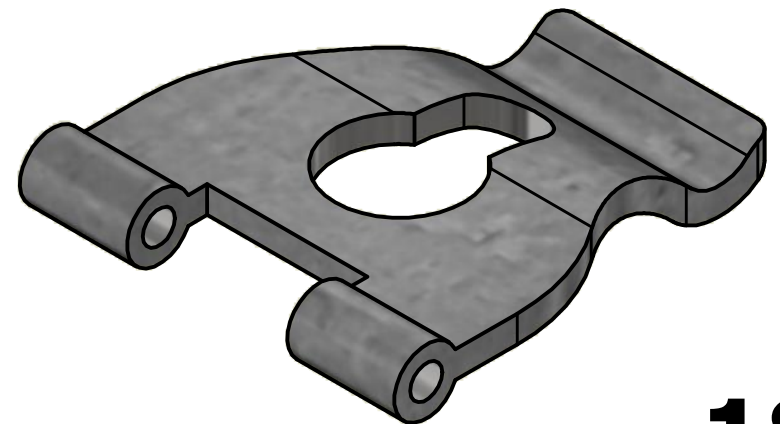
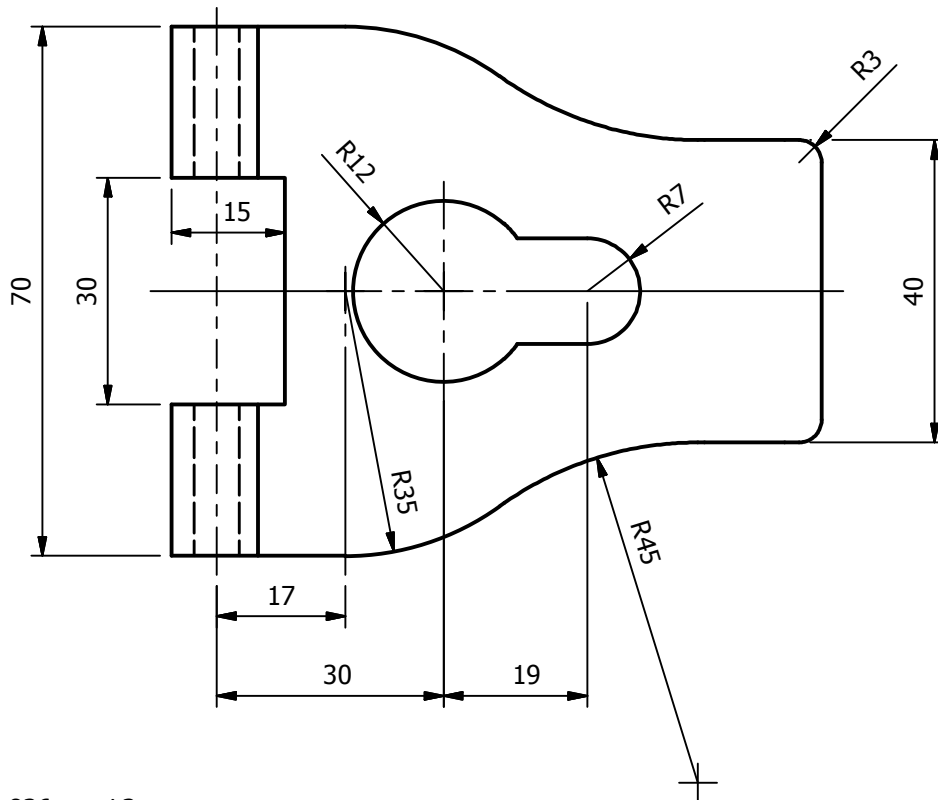
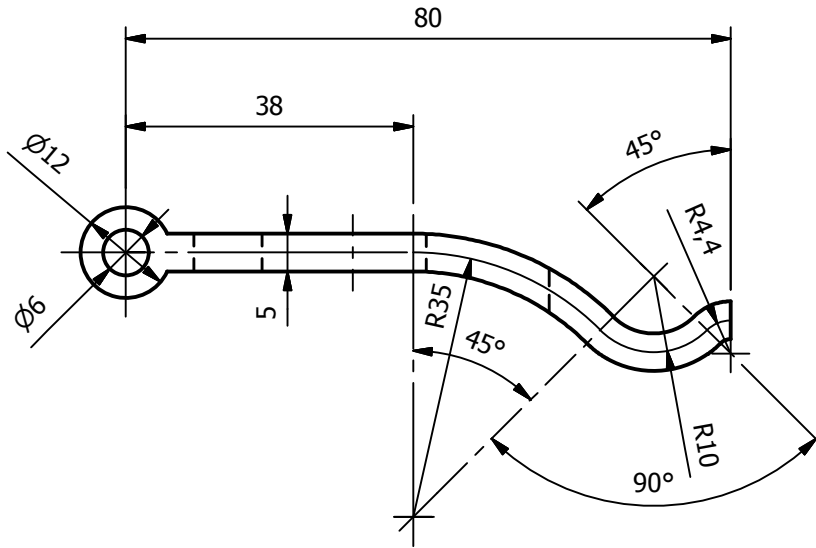


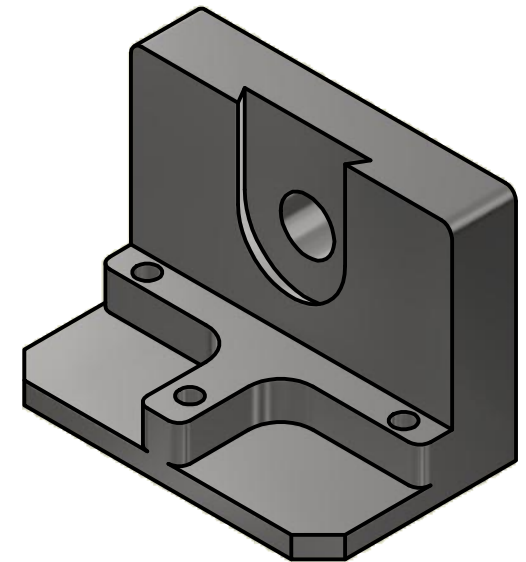
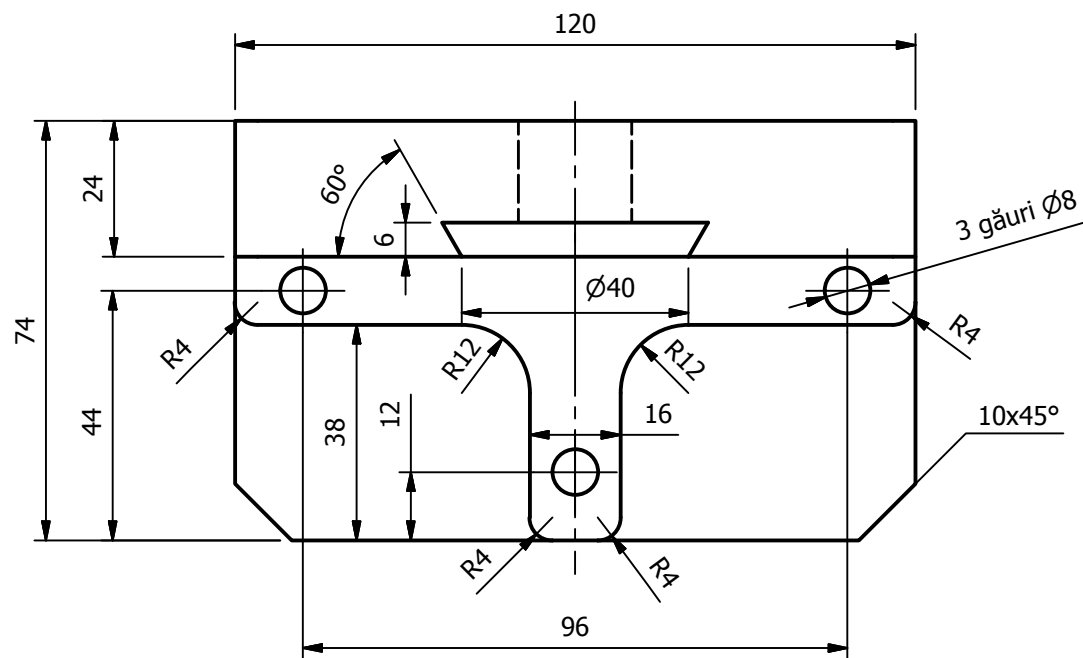
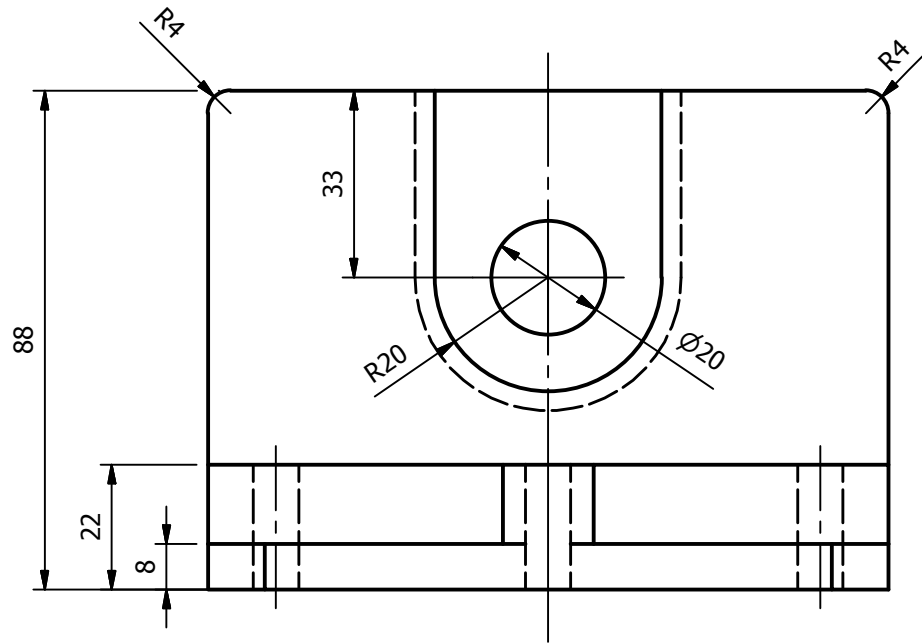


Note: The taper K is the rapport of the diameter difference of two cross sections of a cone and the axial distance between the sections

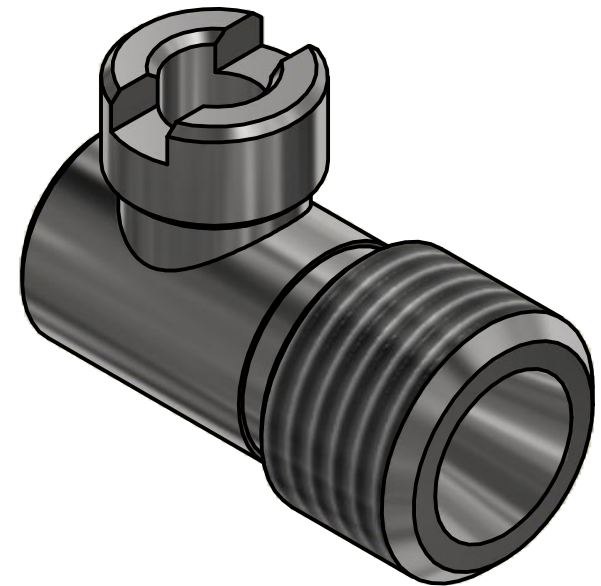
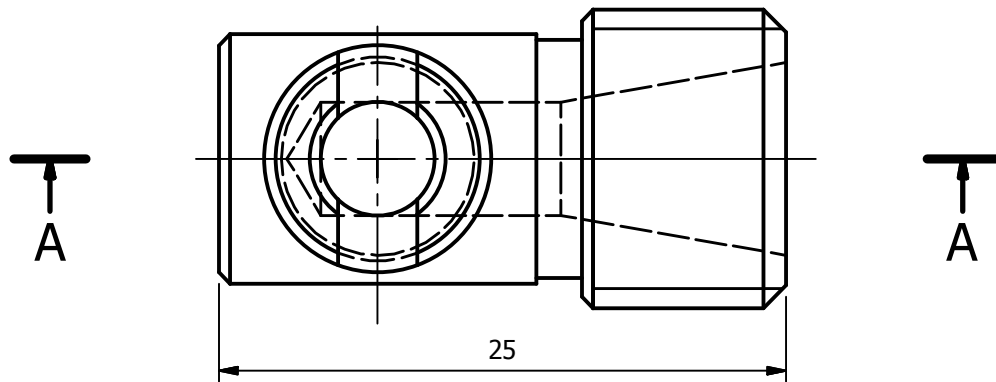
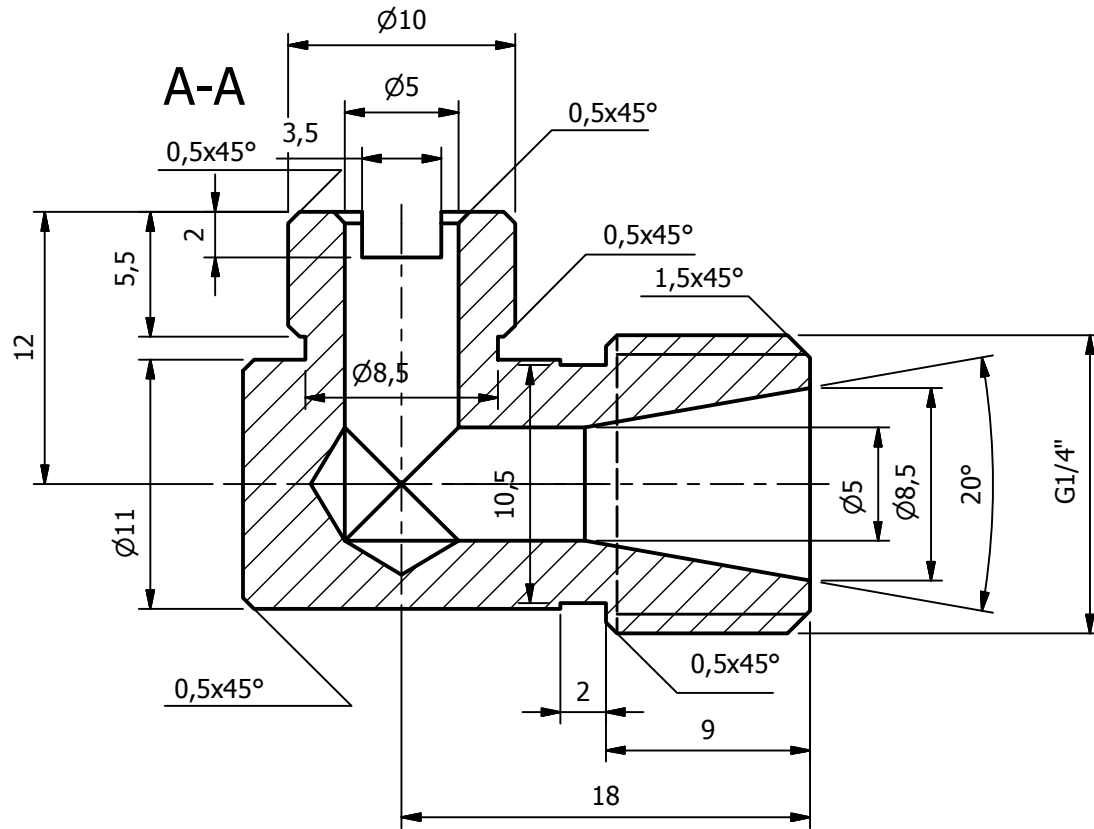


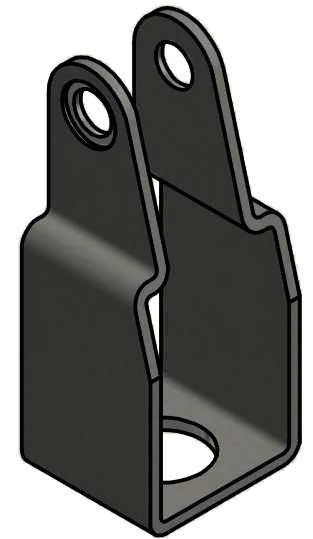
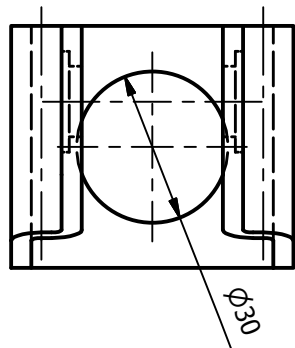
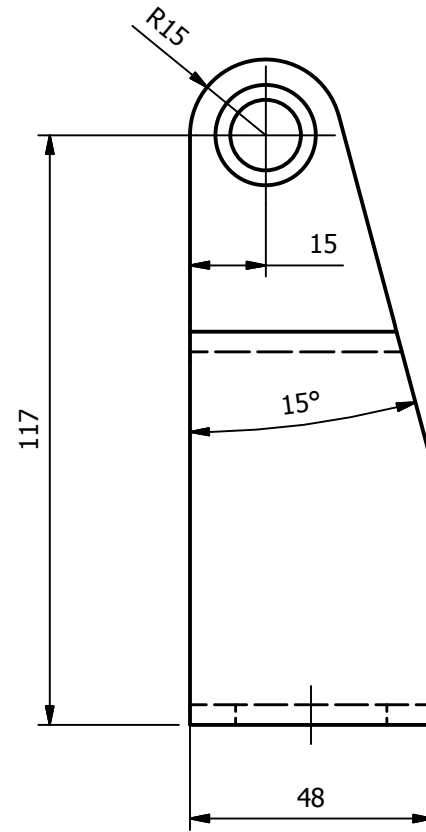
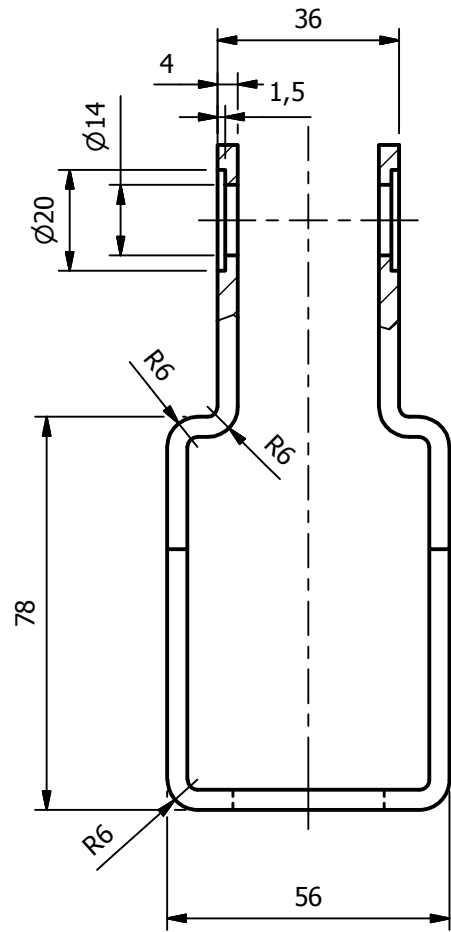




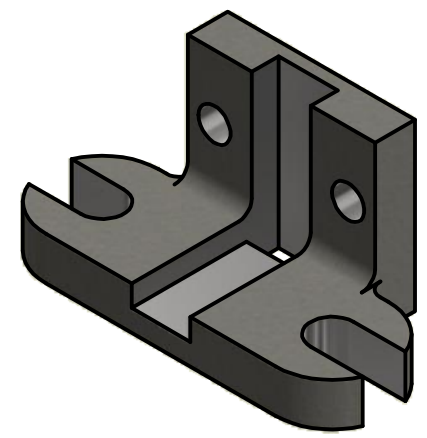
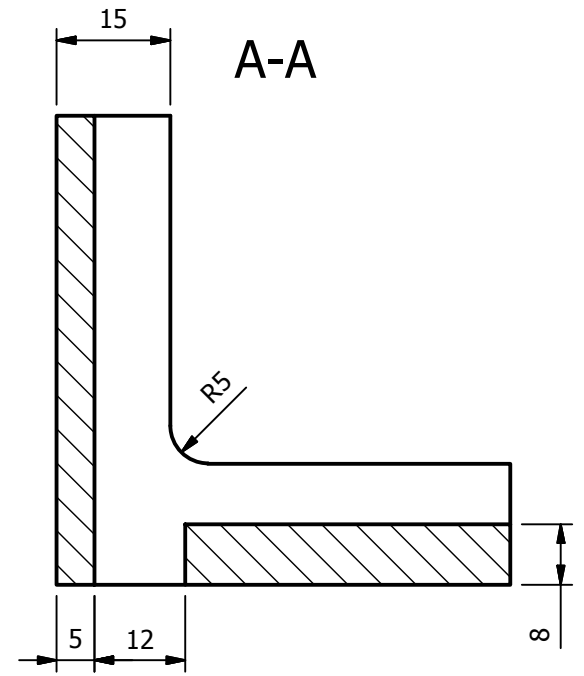
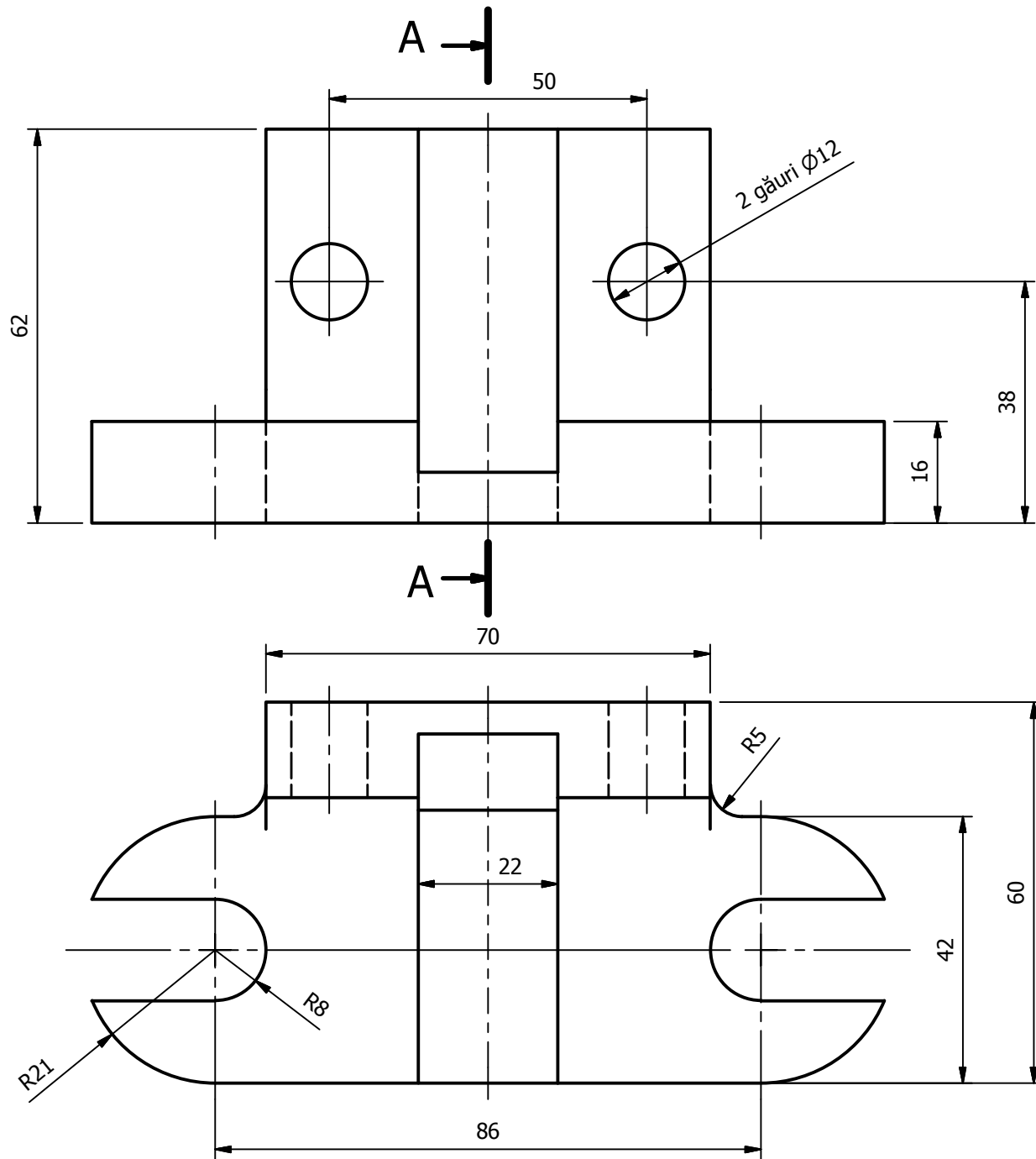


307781.318 mm³

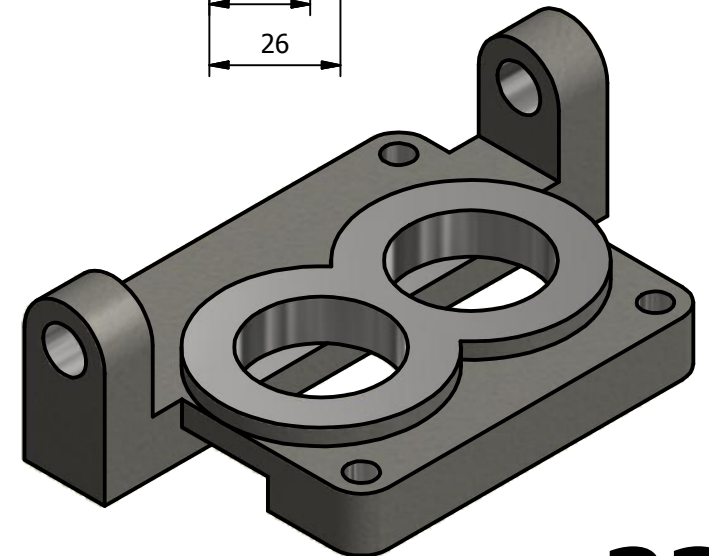
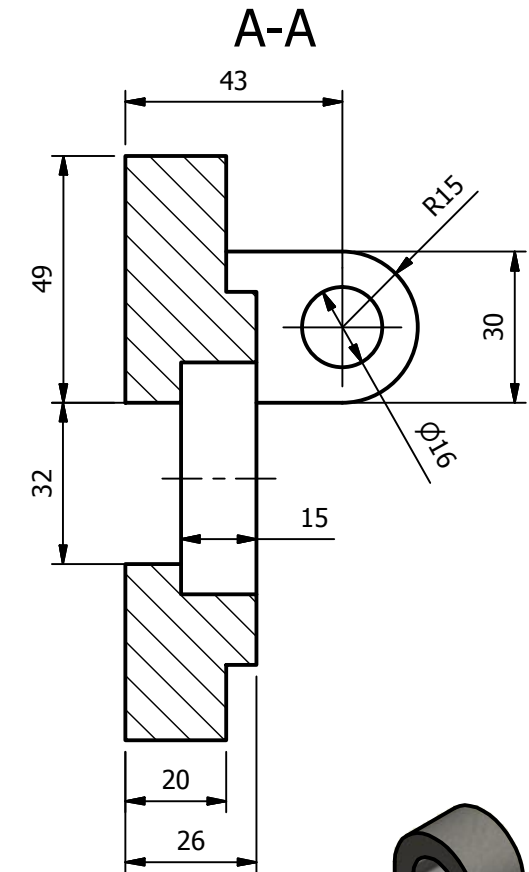
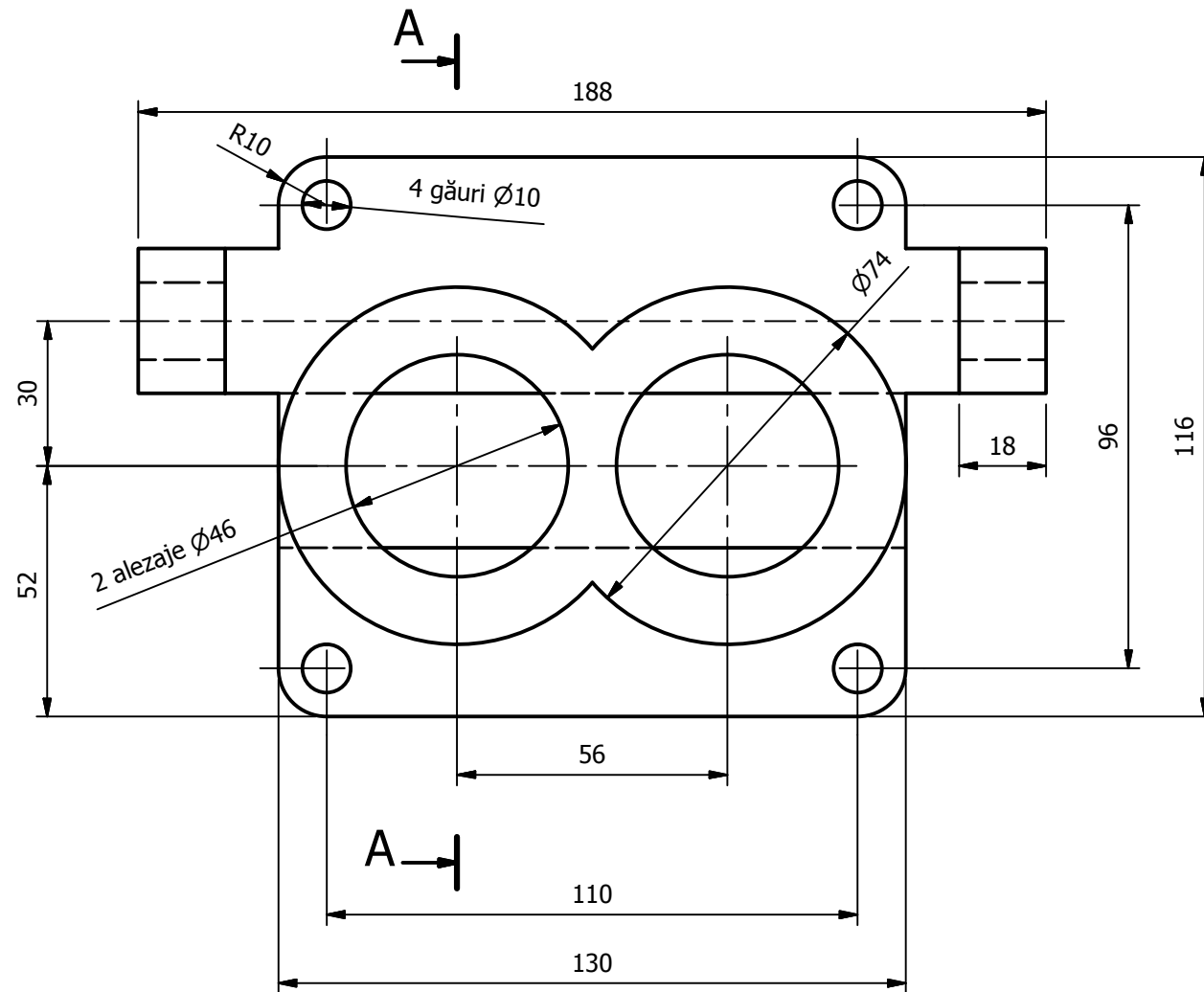


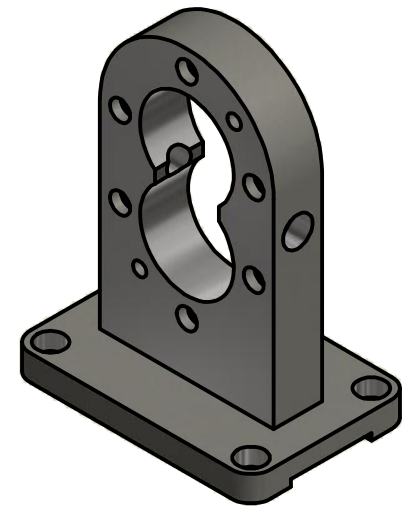
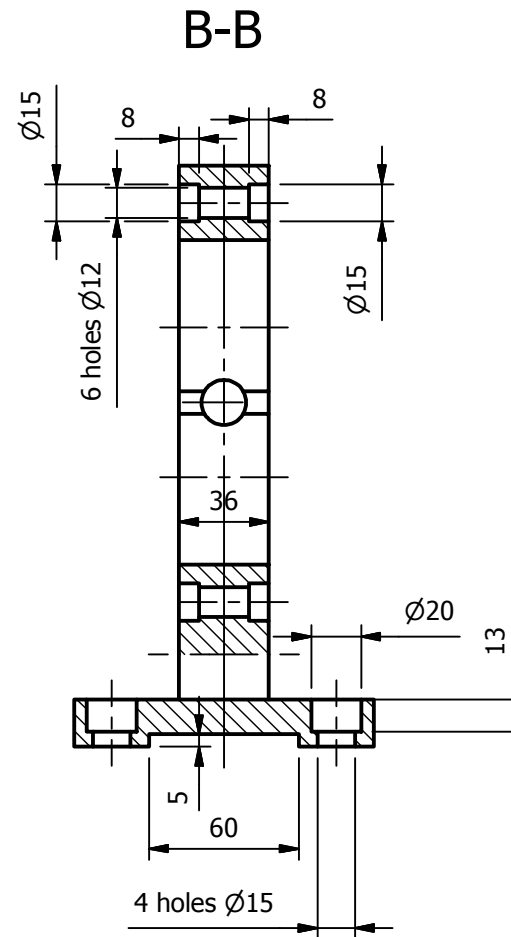
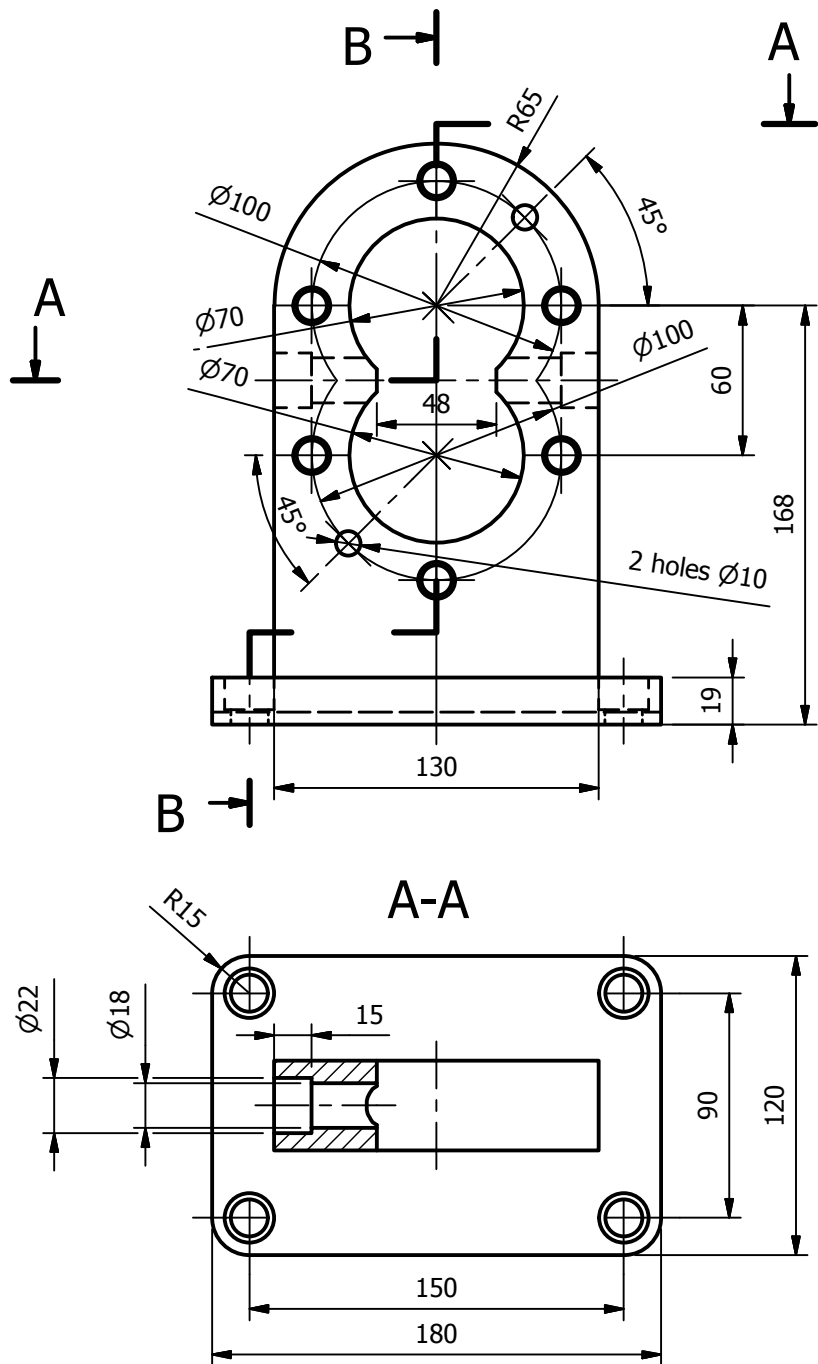


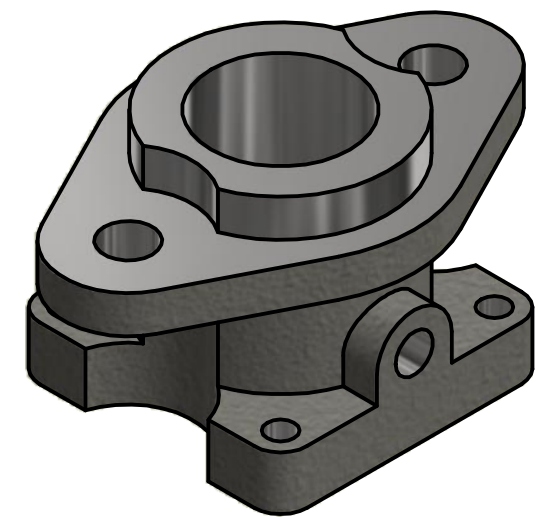
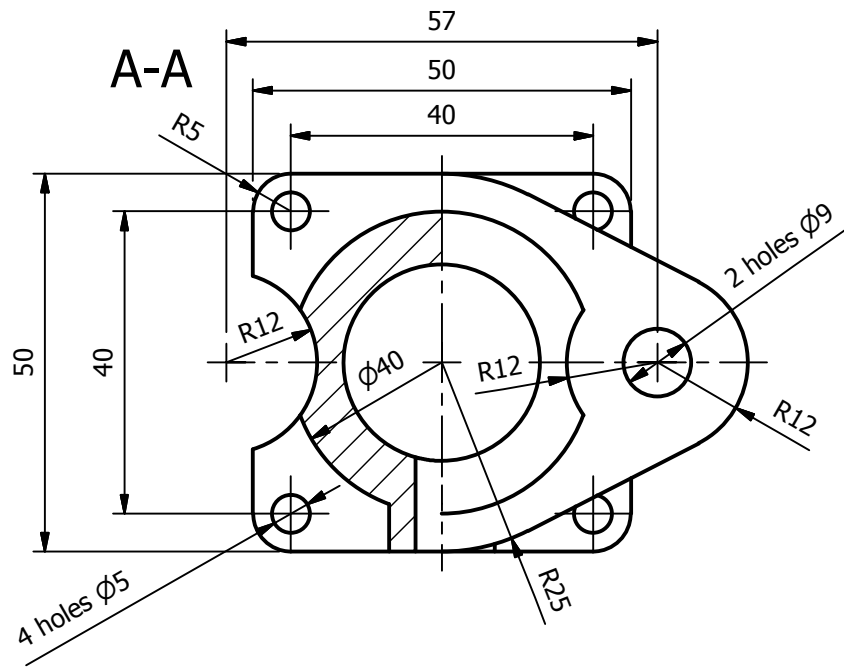
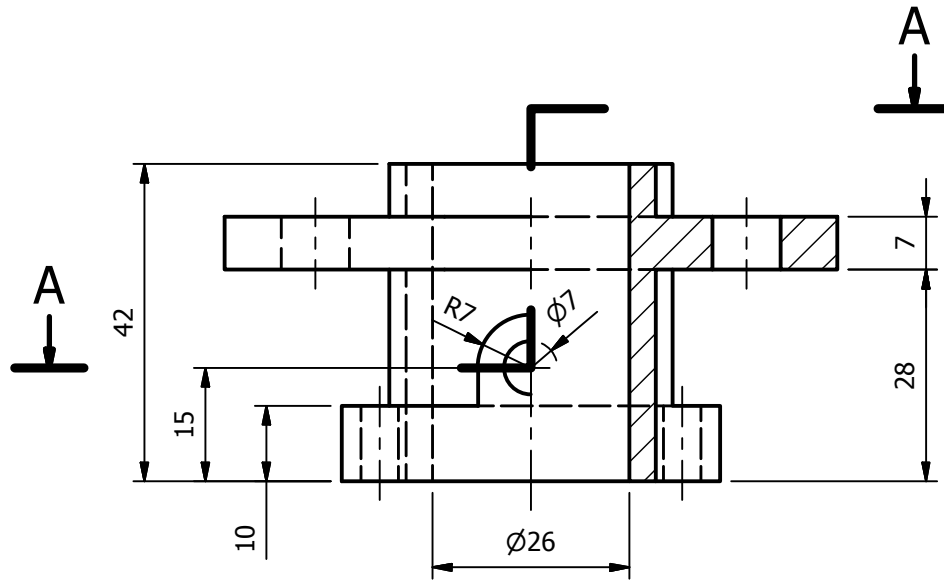
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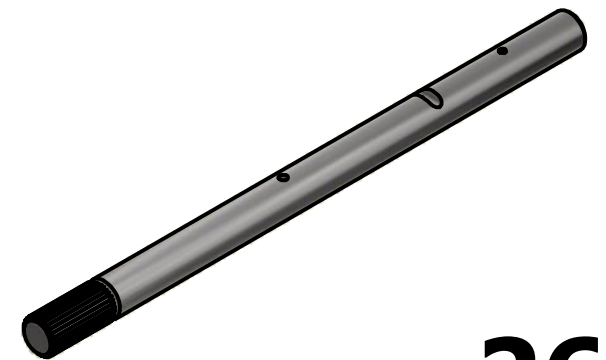
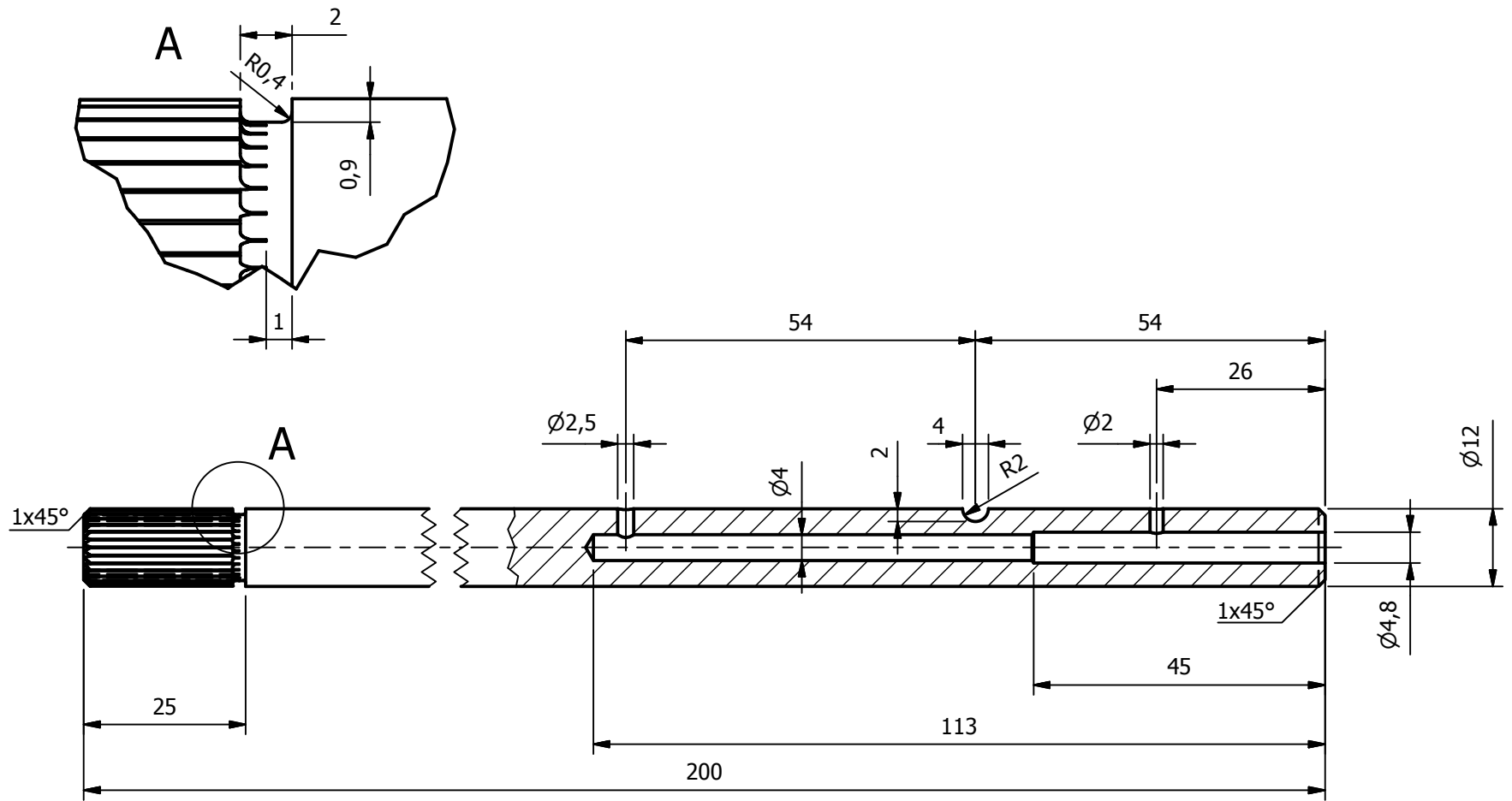
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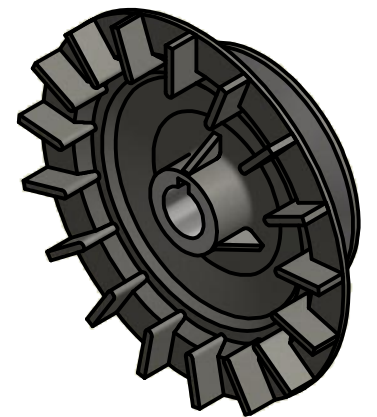
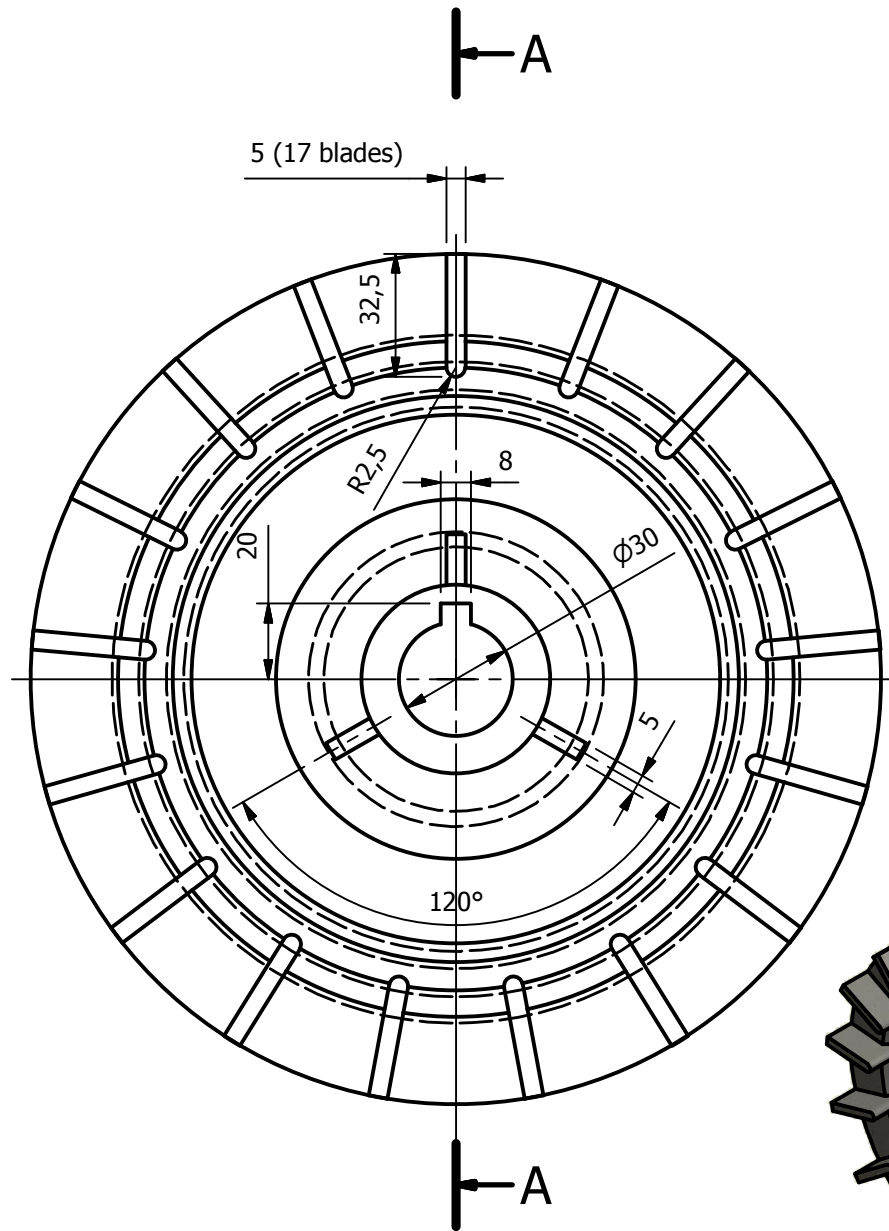
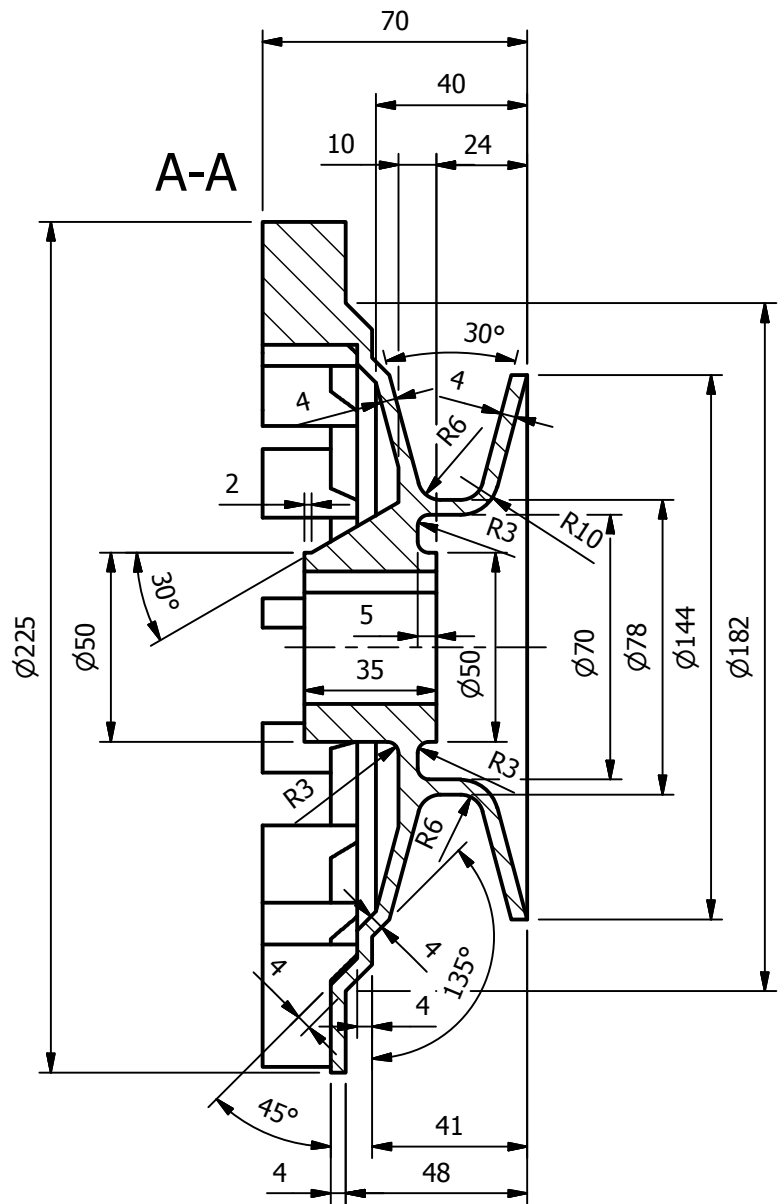


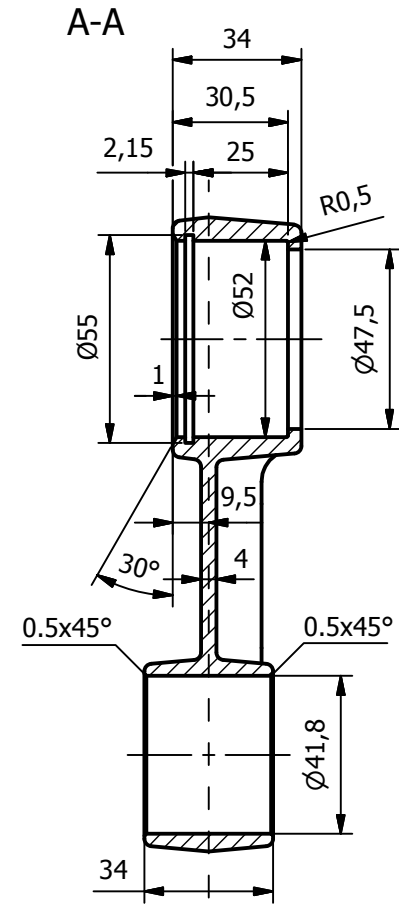
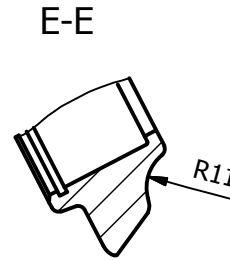
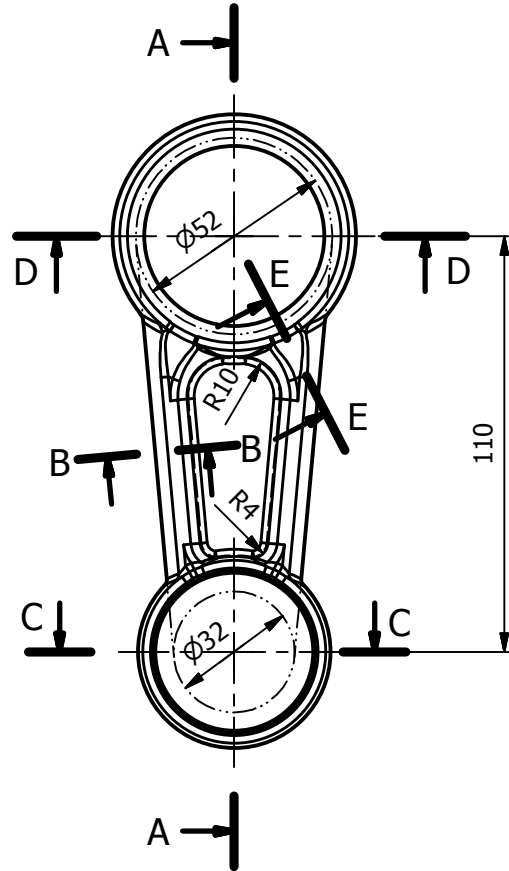
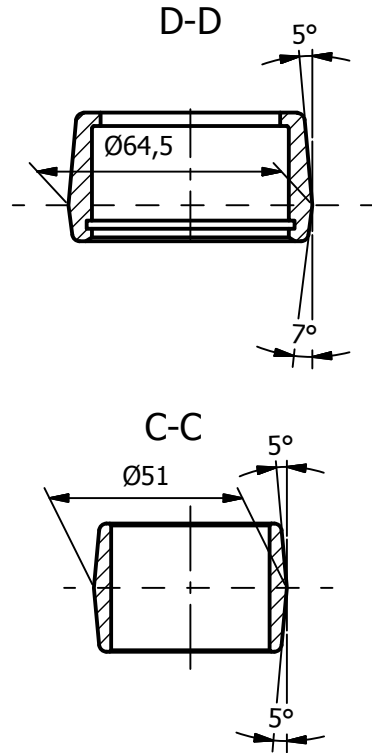
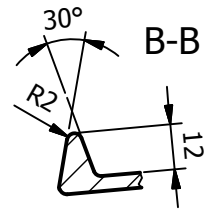




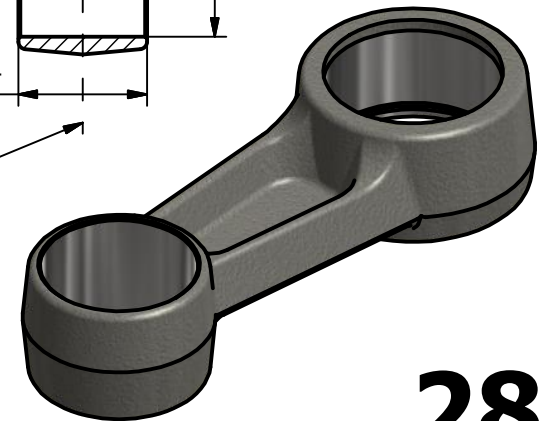
47519.002 mm³



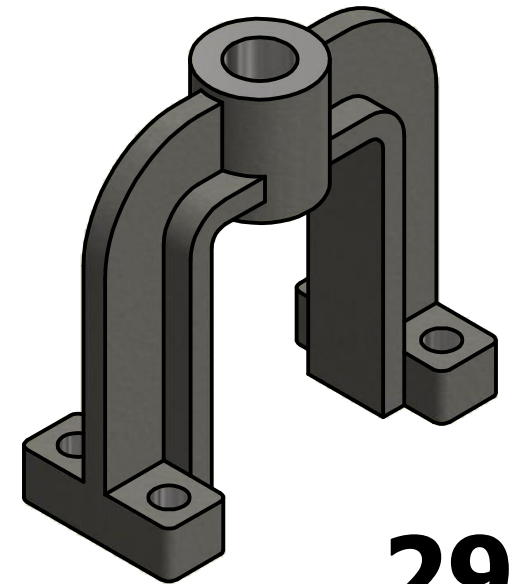
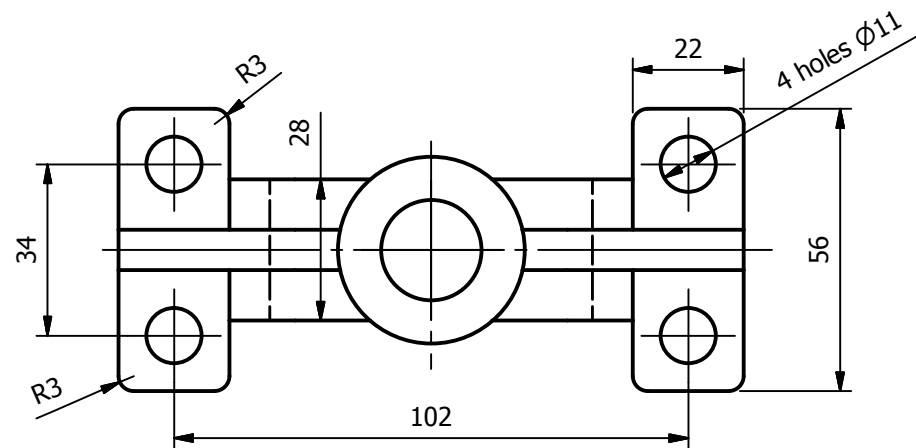
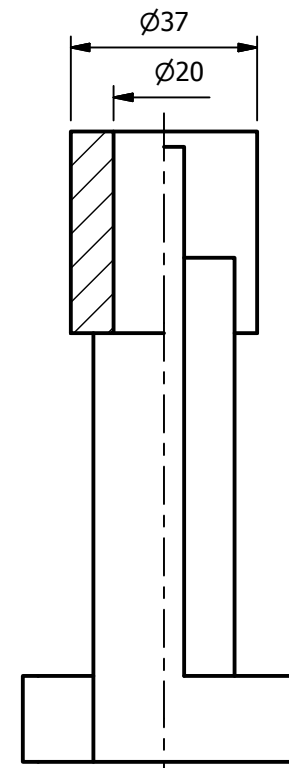
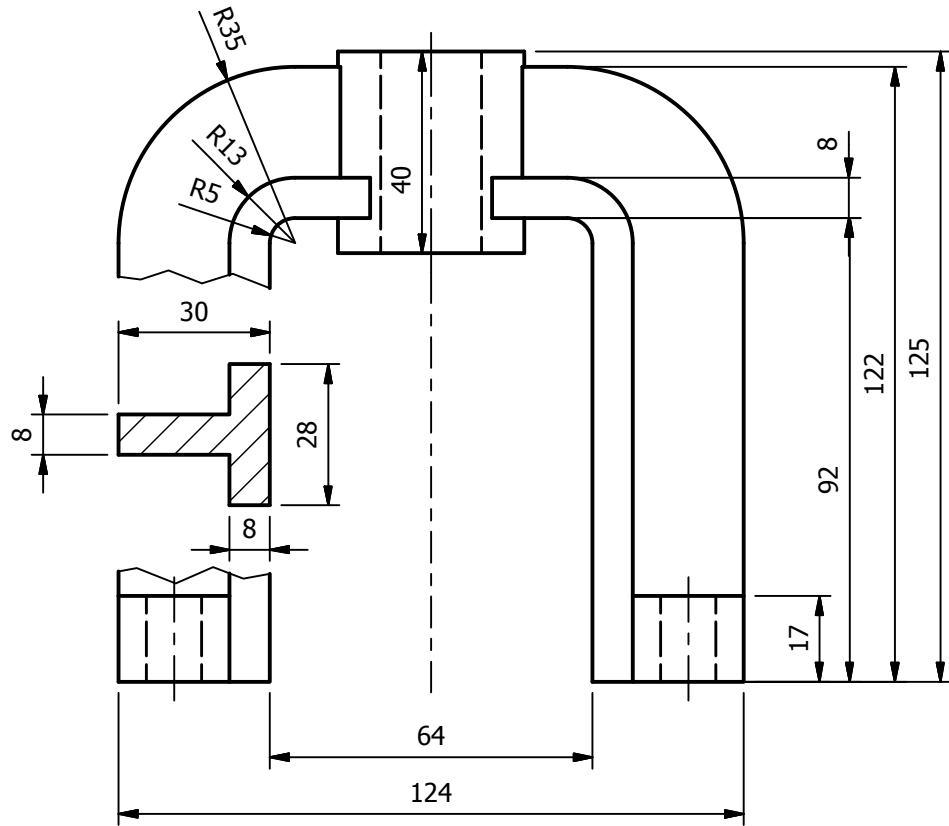




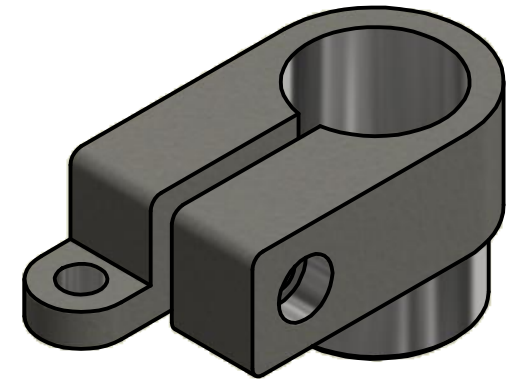
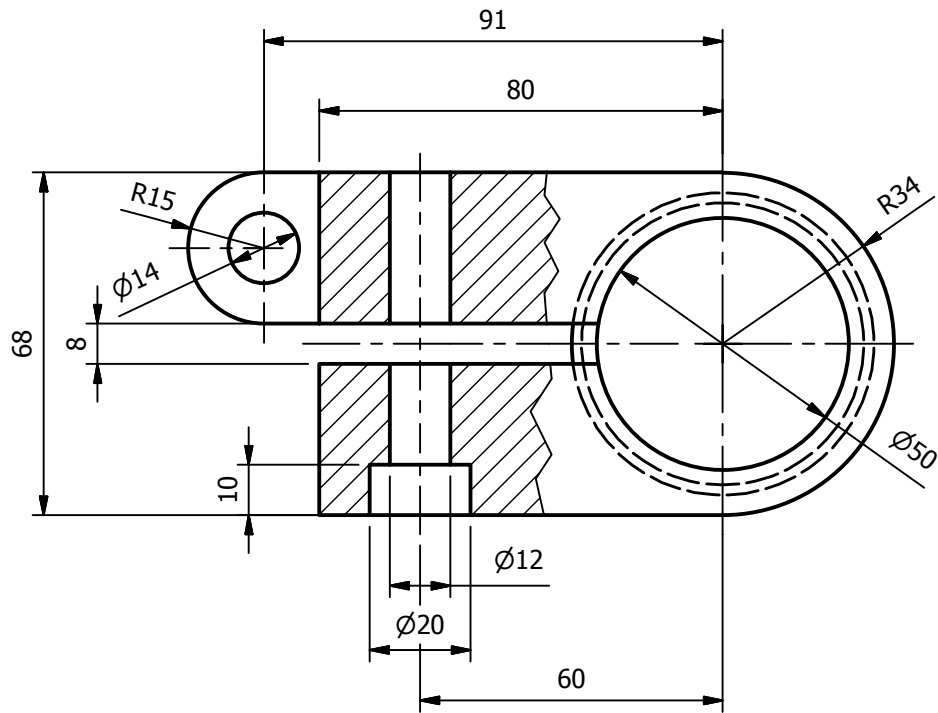
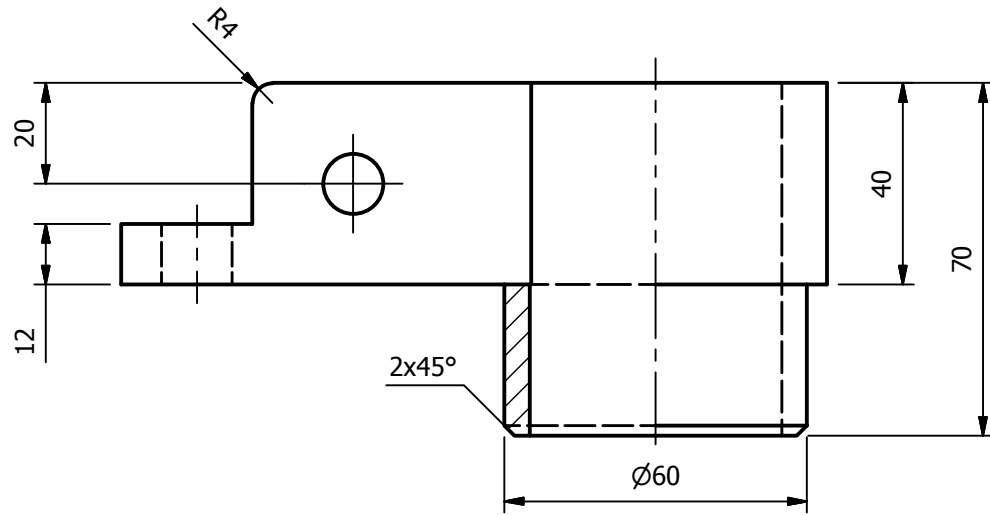
Separating Line
for forging

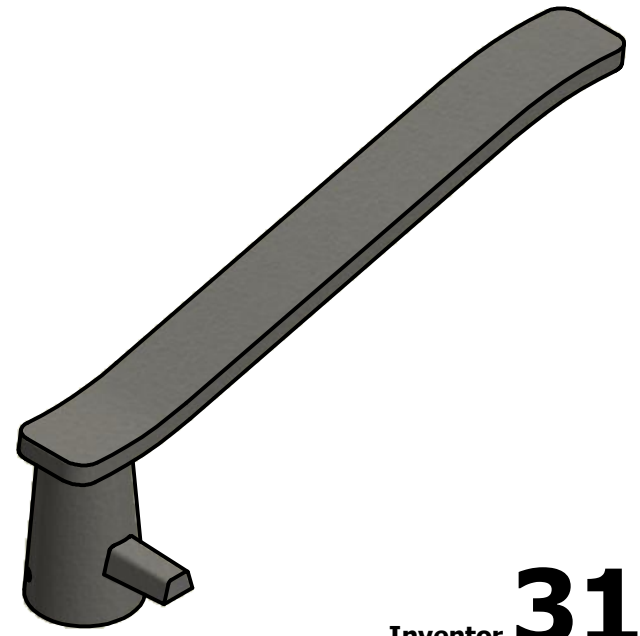
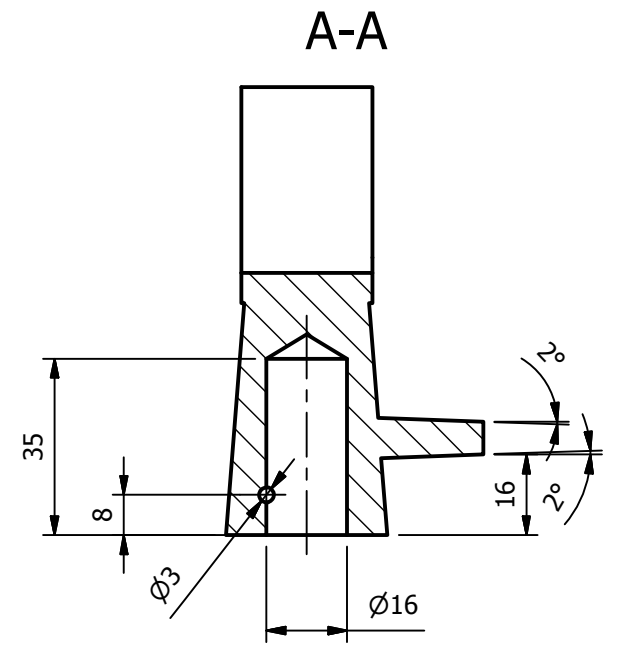
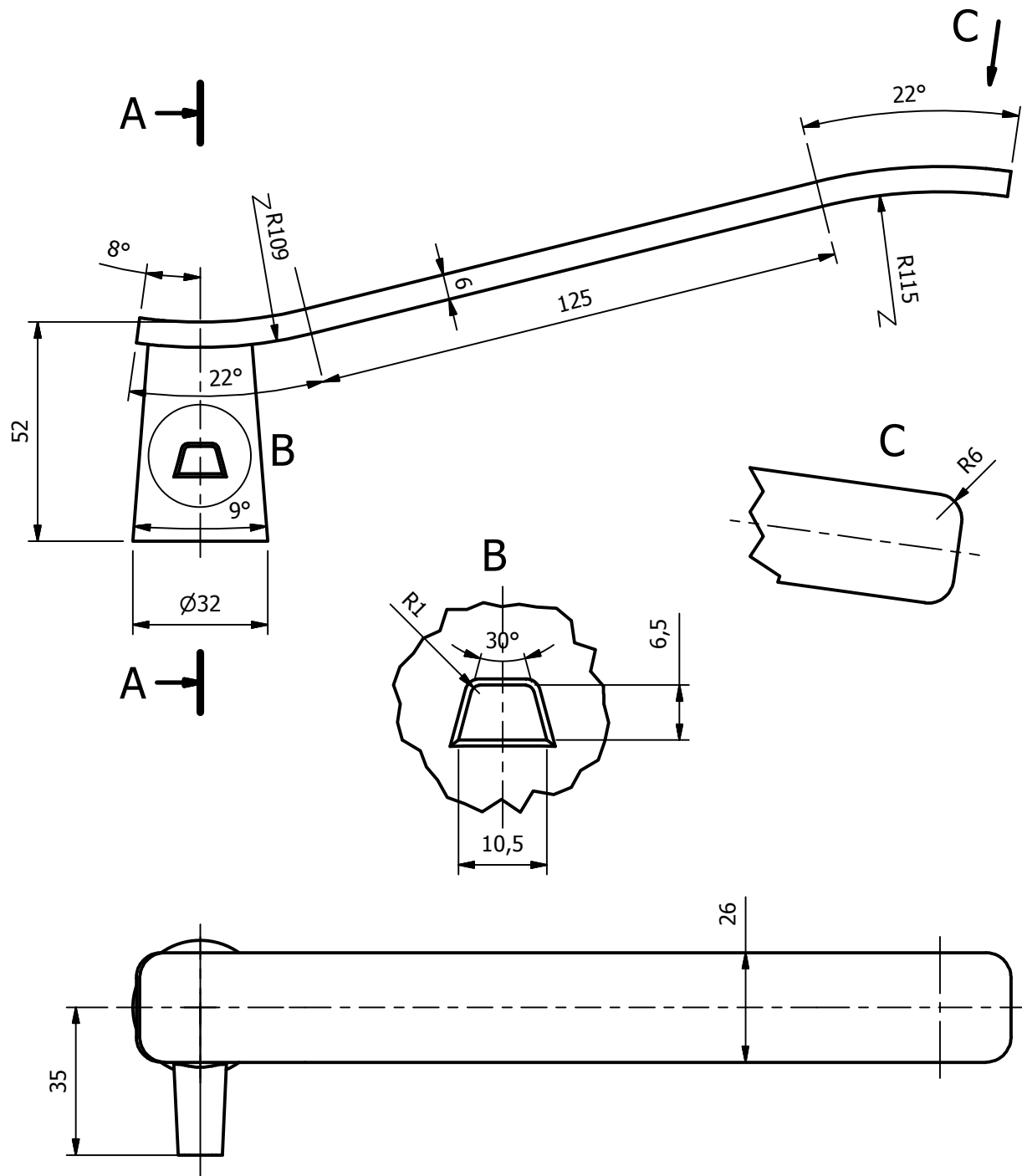


Note: All undimensioned radii are R2

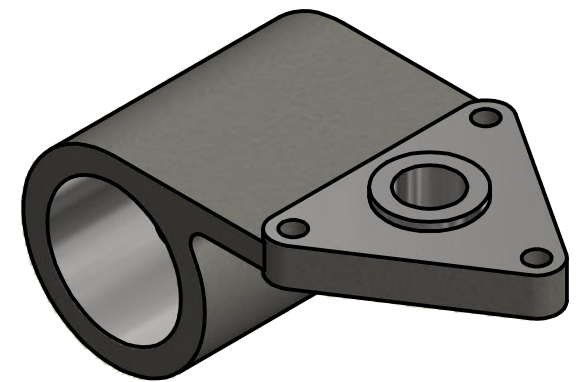
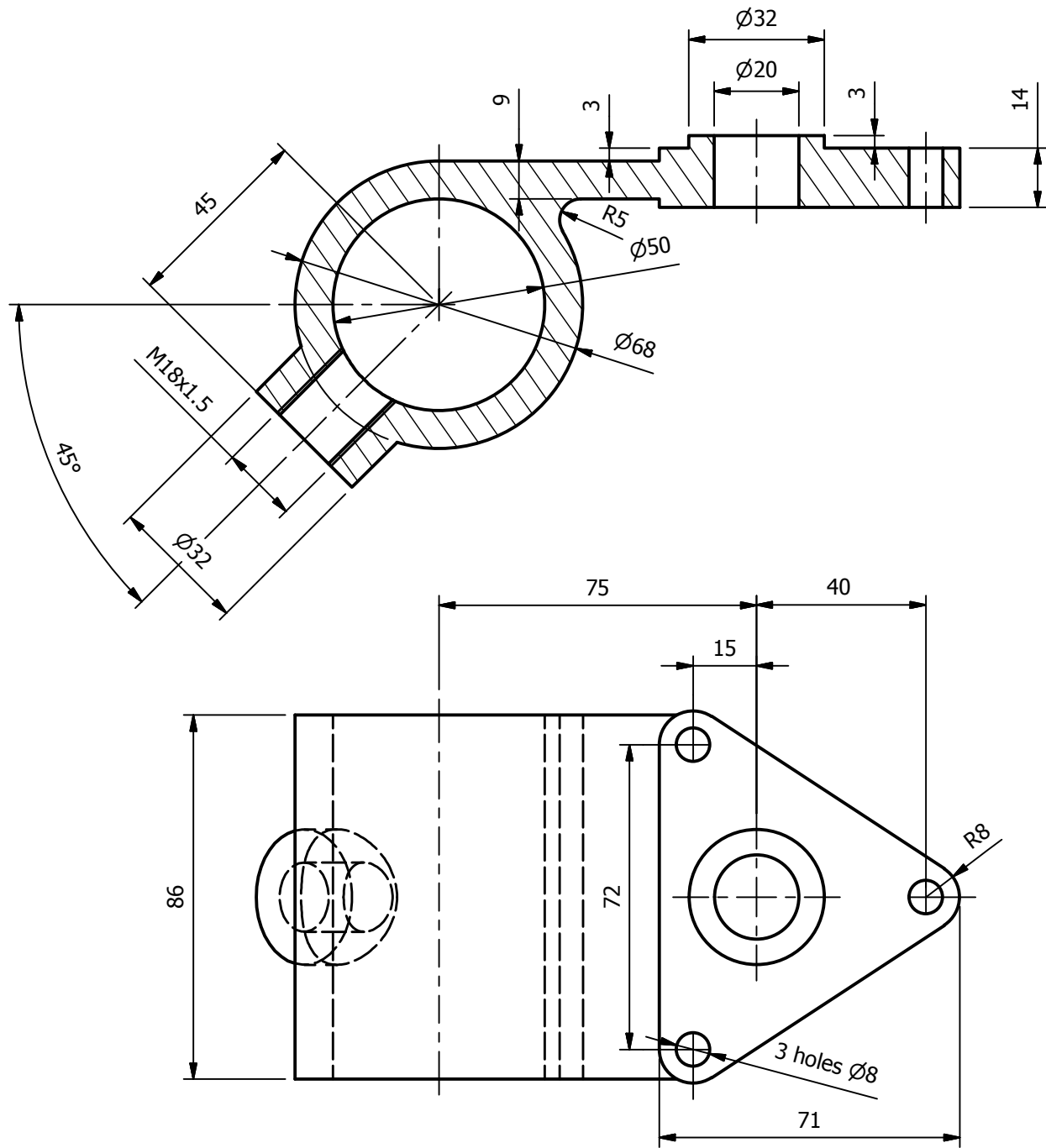


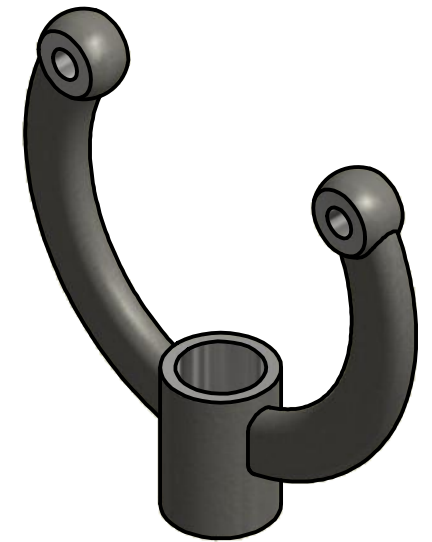
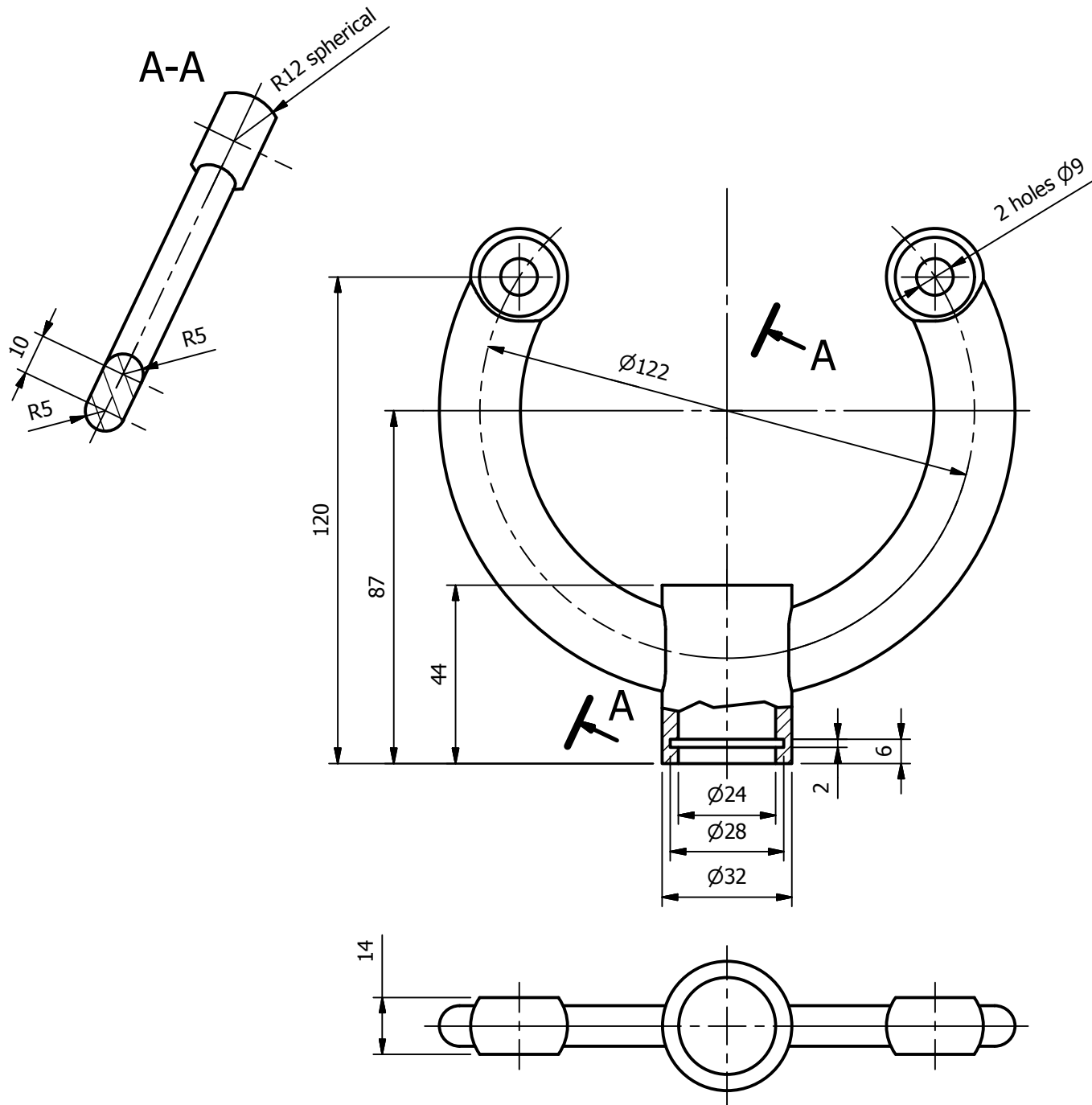
156557.366 mm³

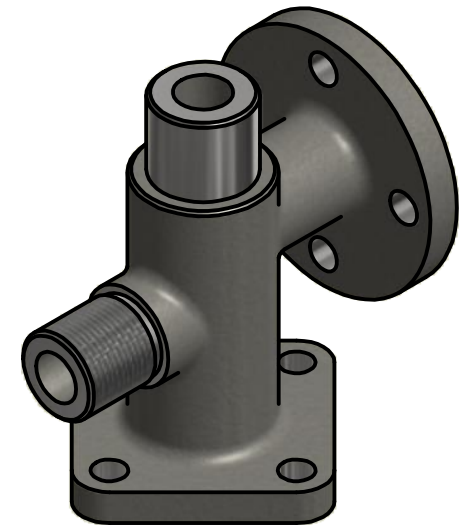
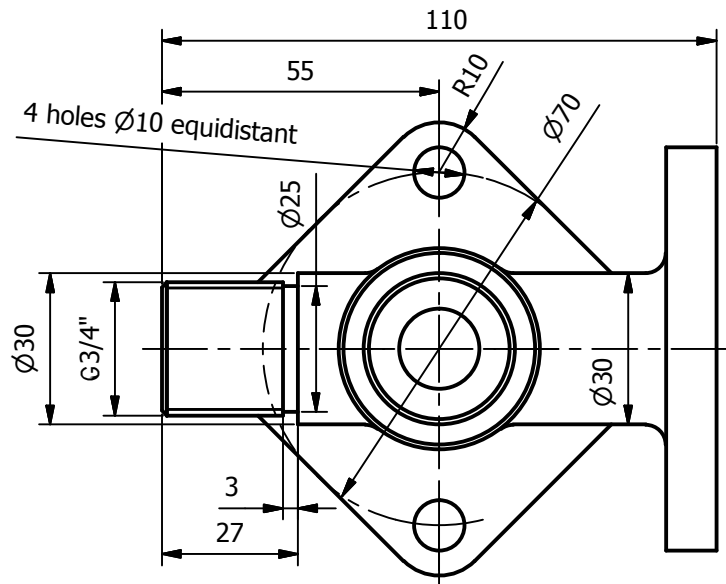
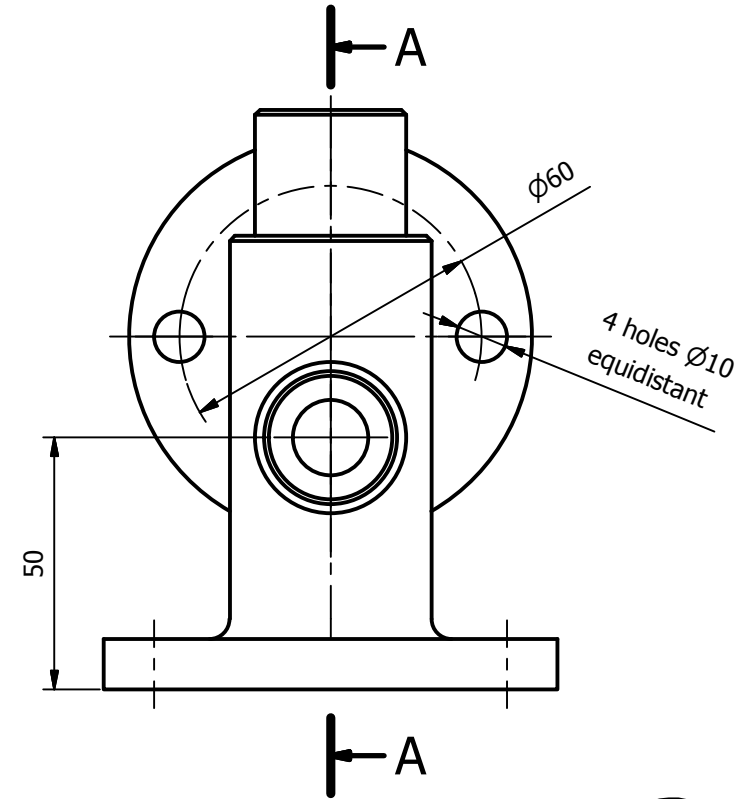
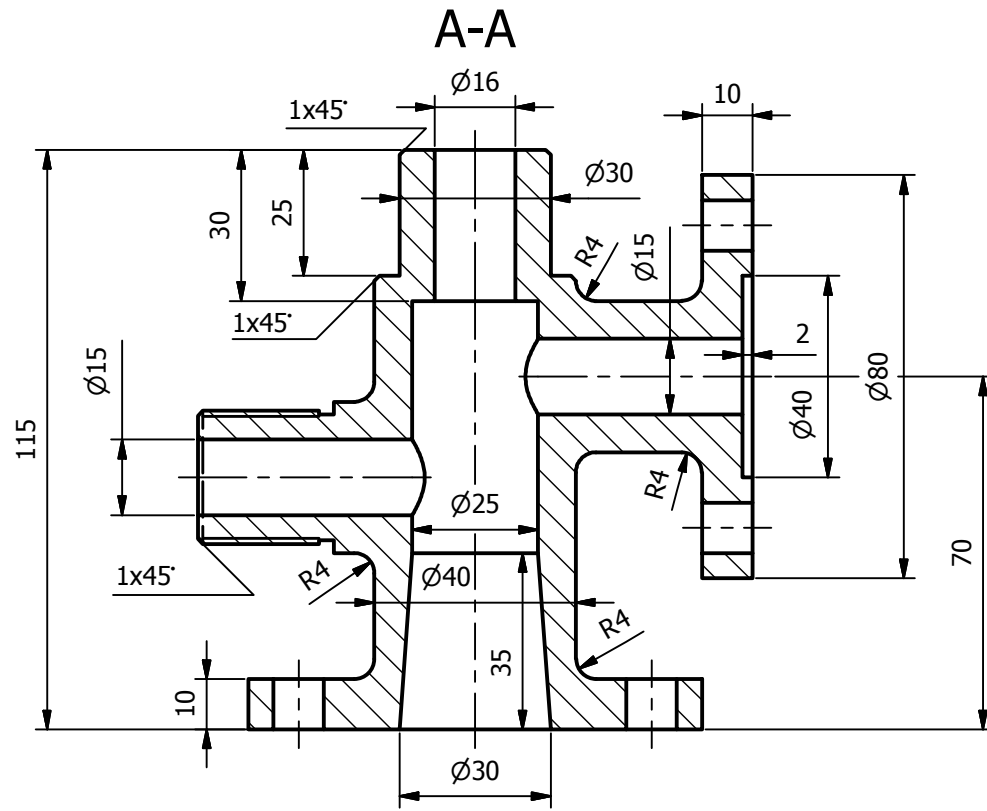


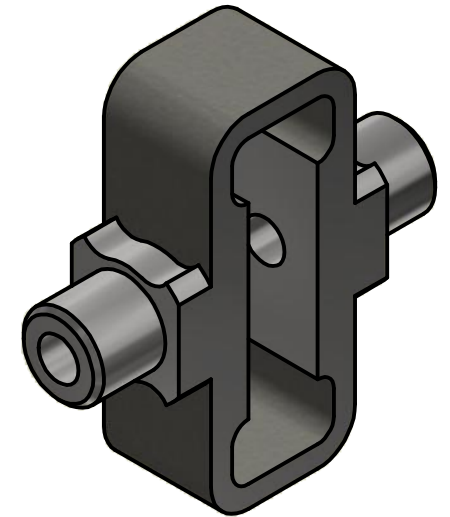
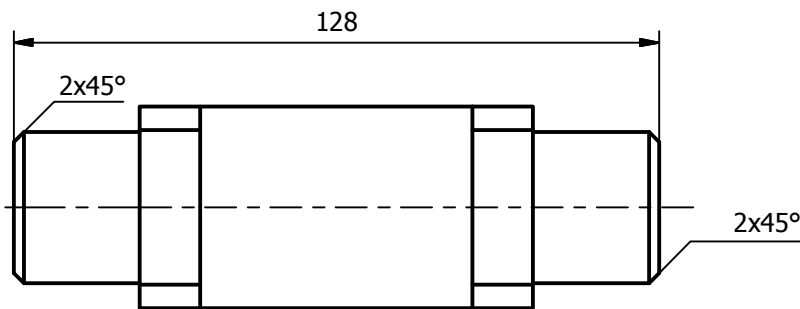
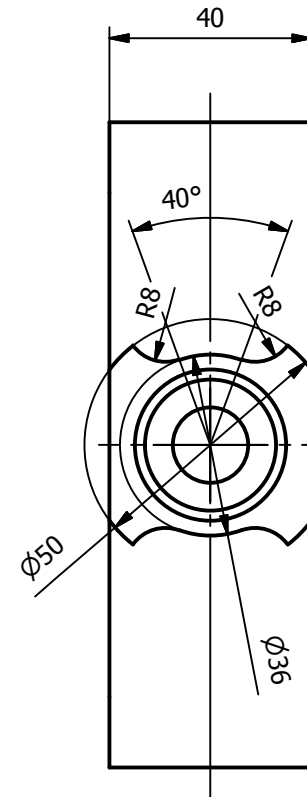
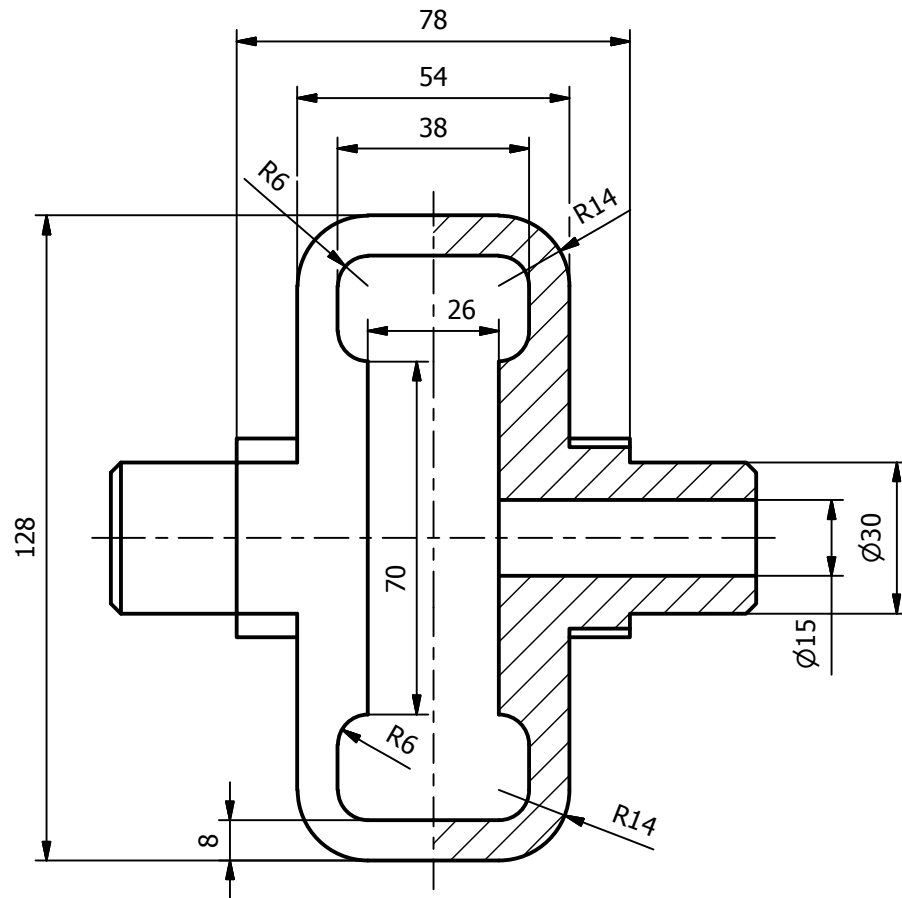


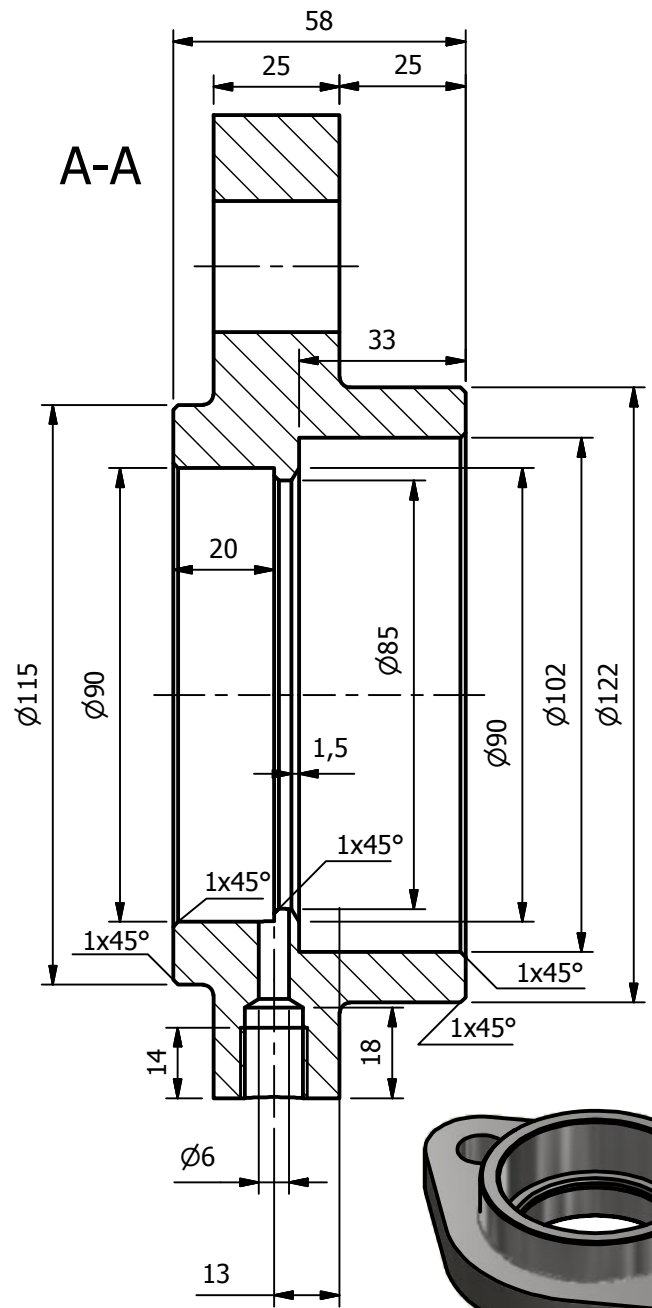
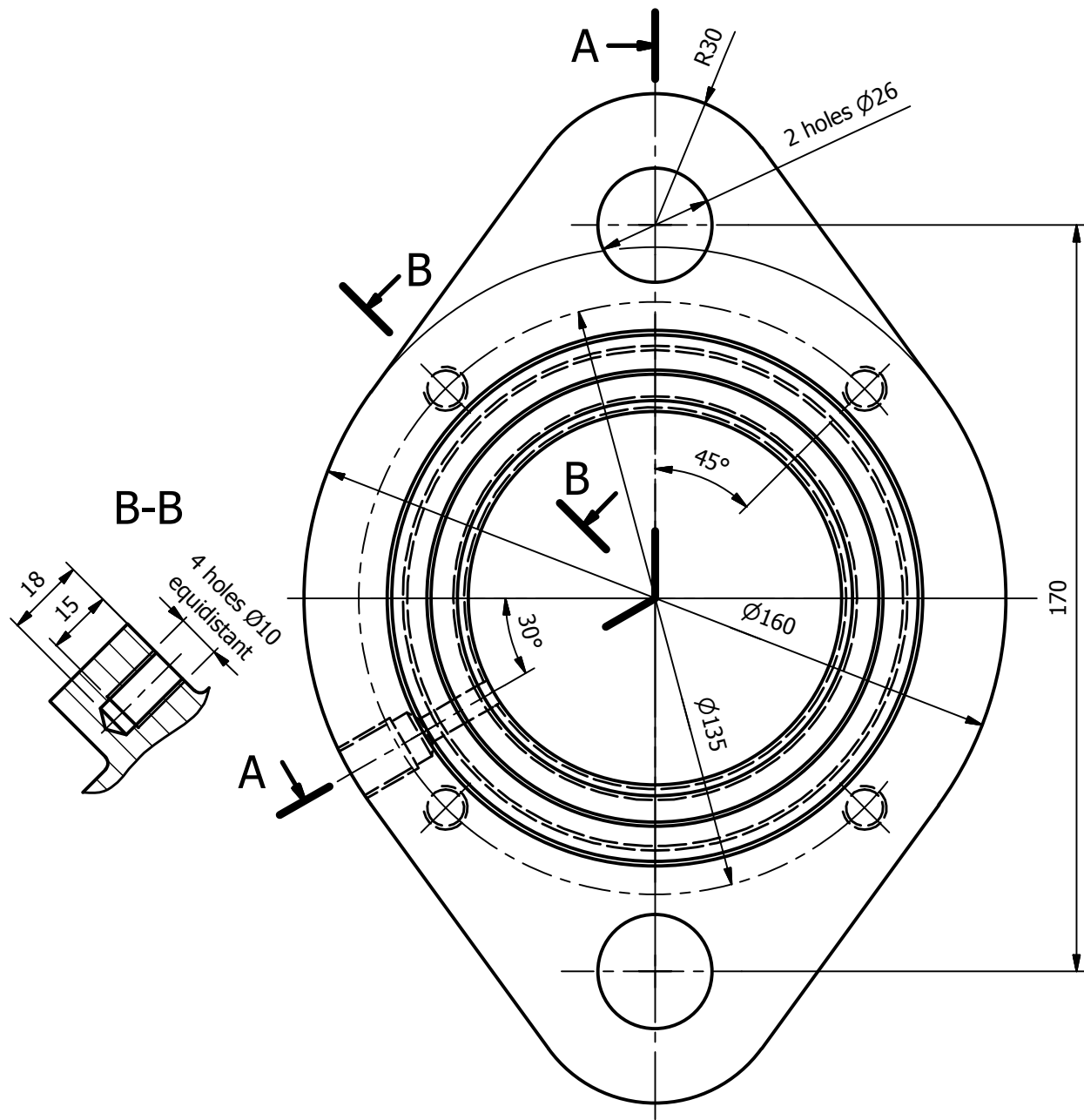
56011.601 mm³

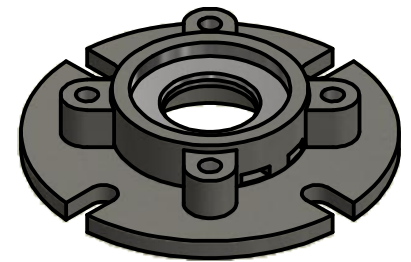
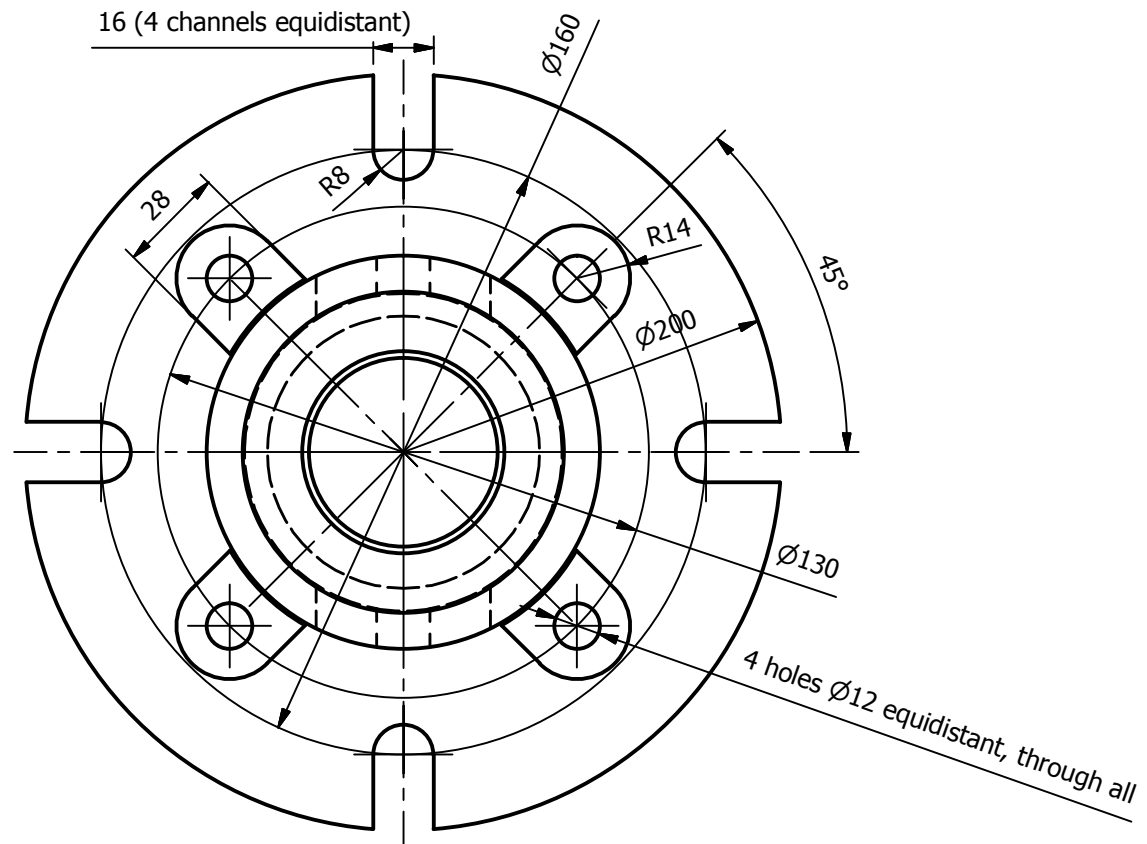
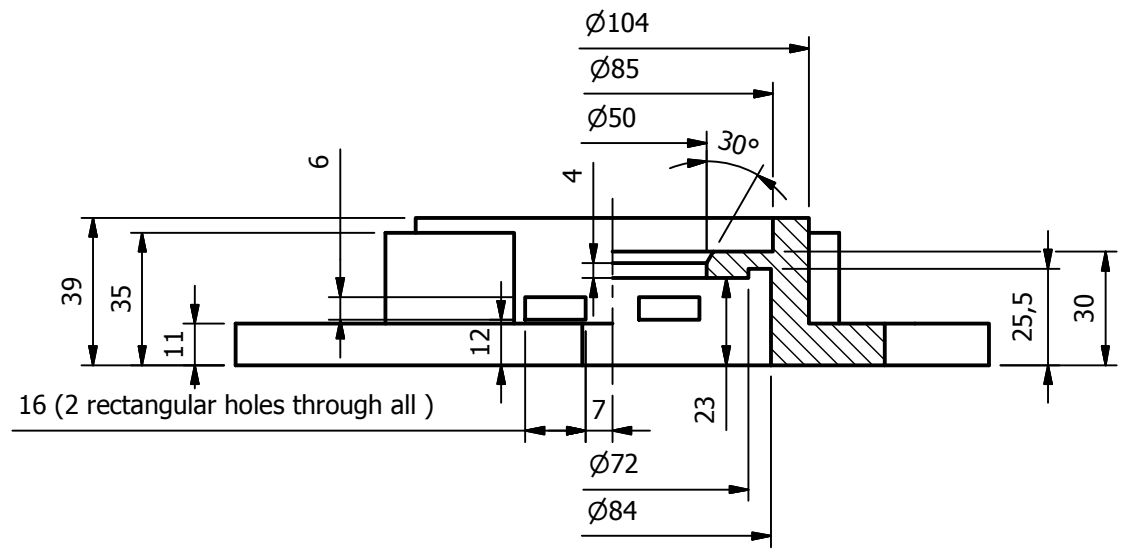


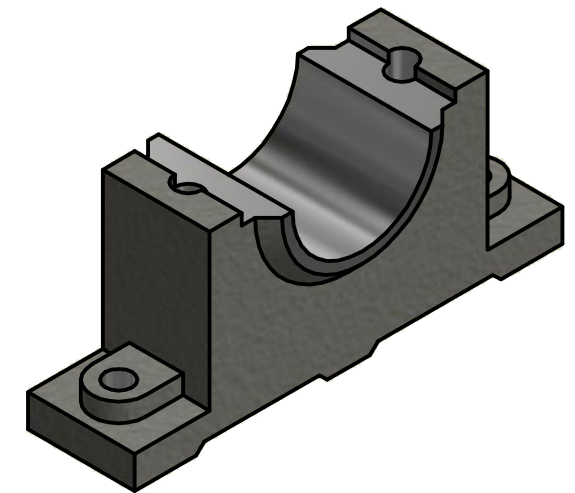
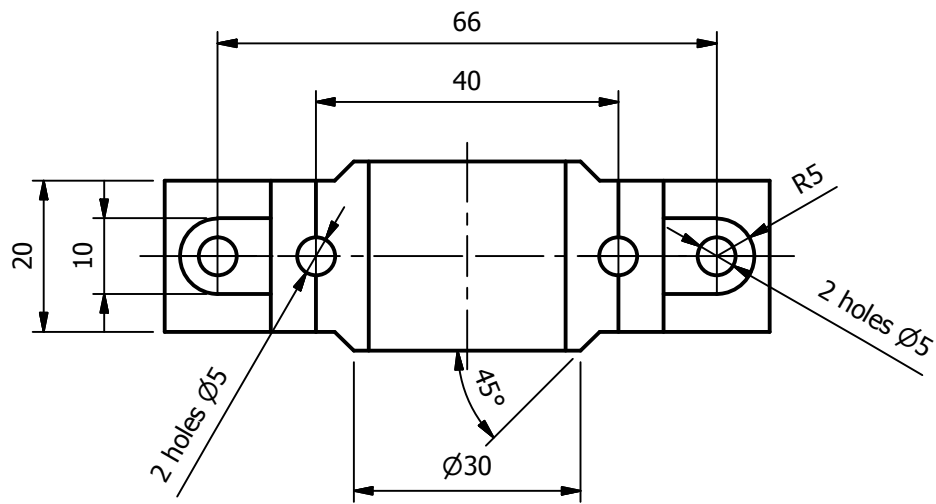
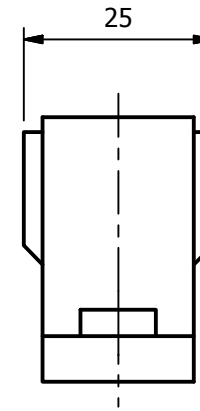
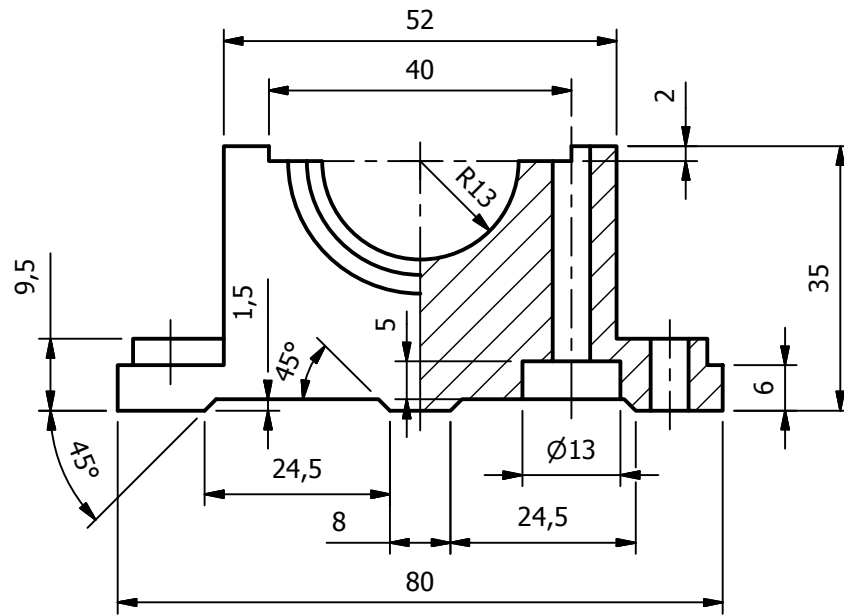


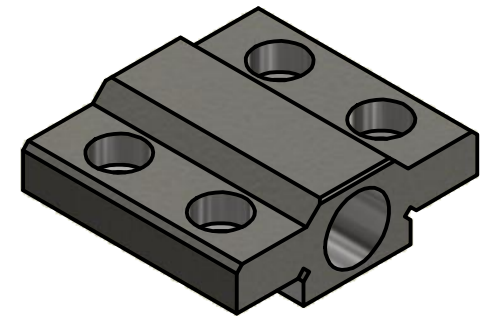
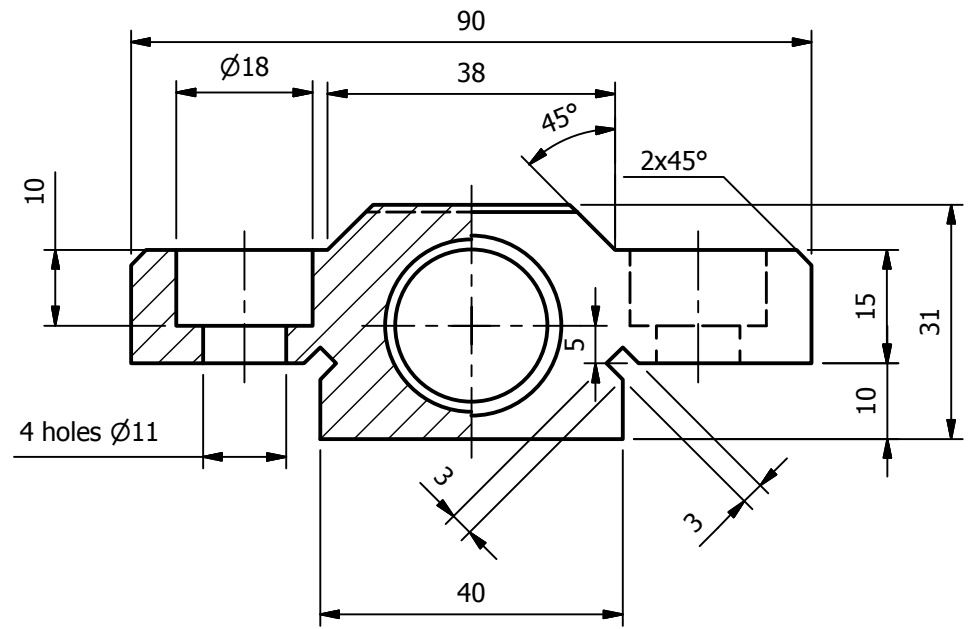
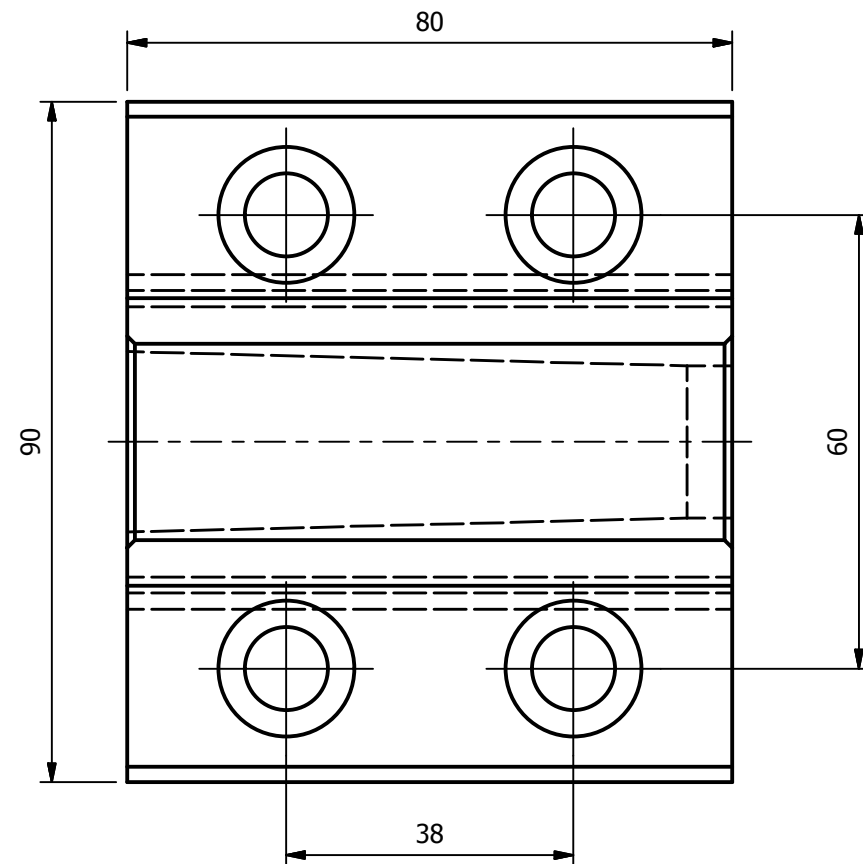
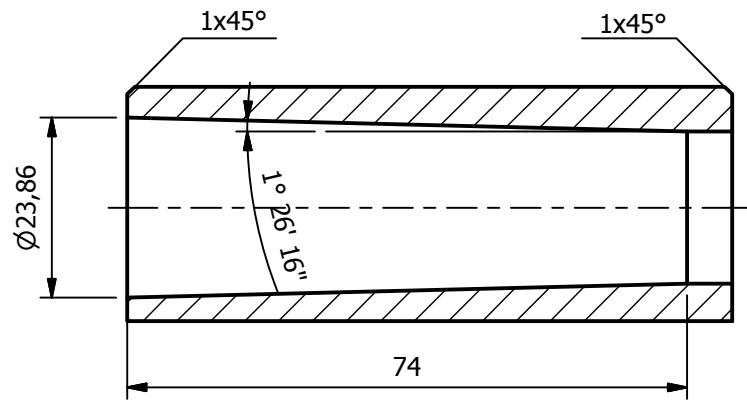




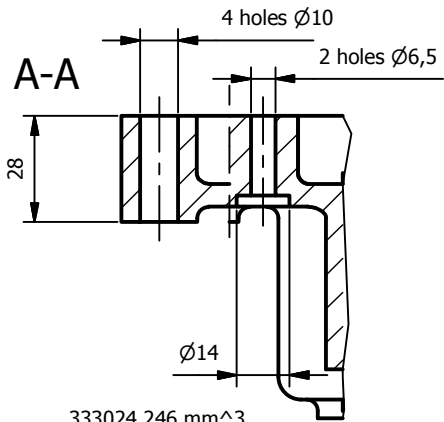
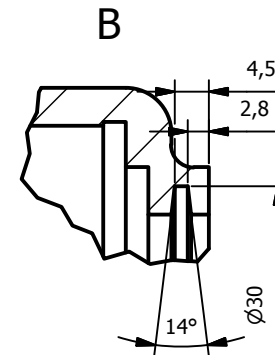
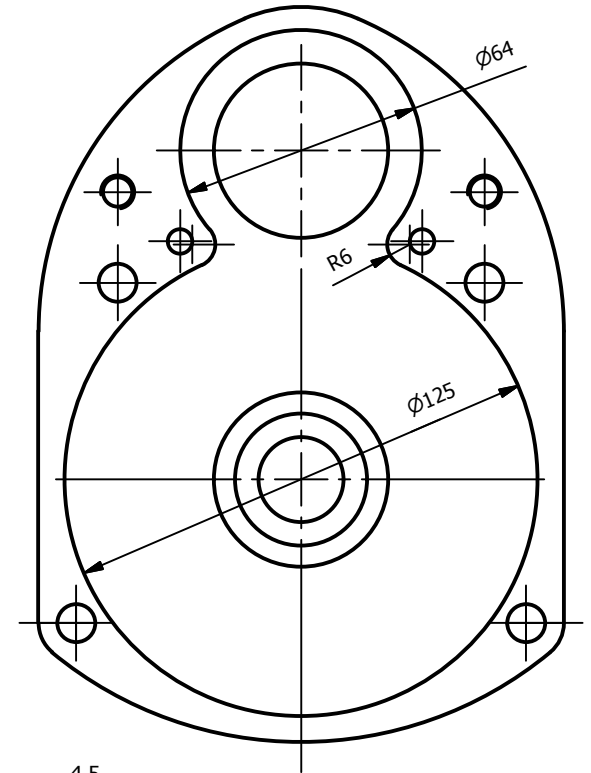
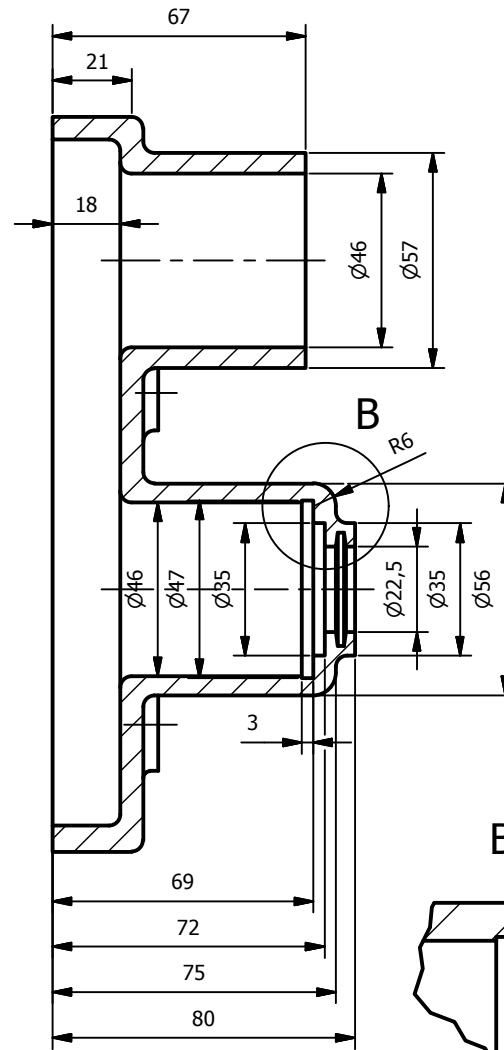
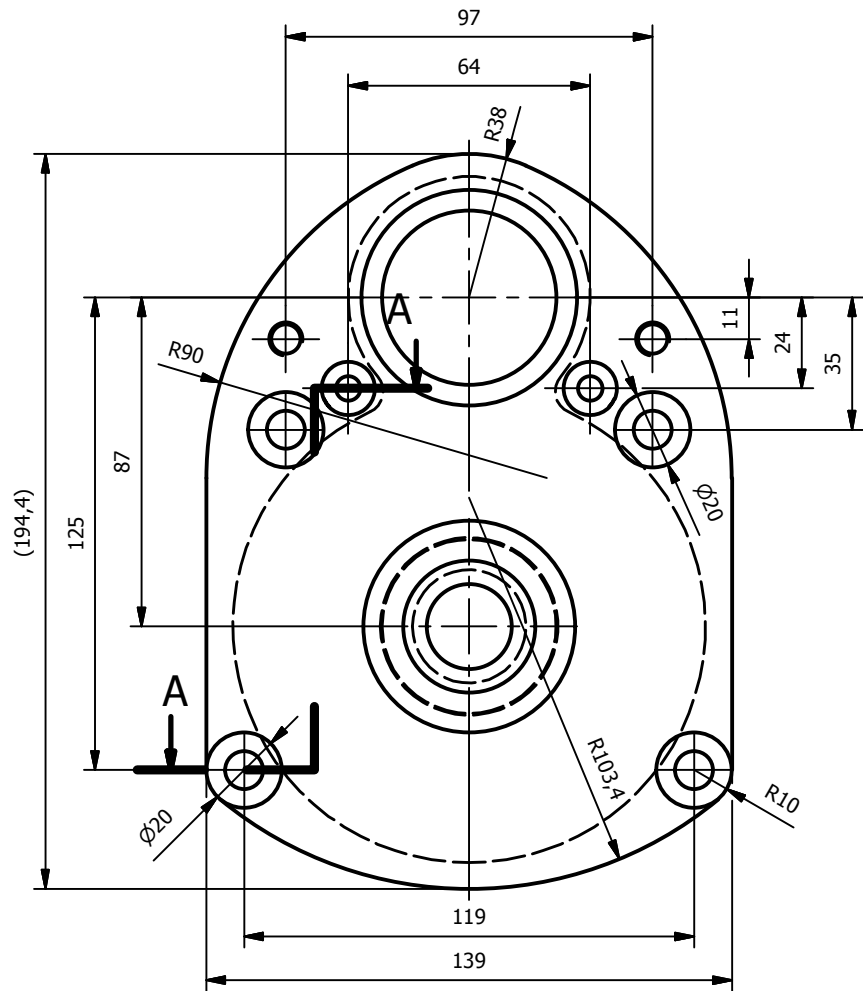








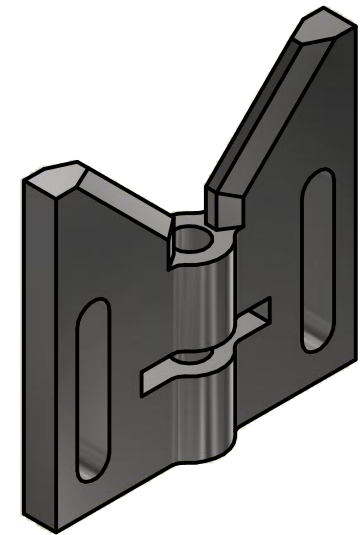
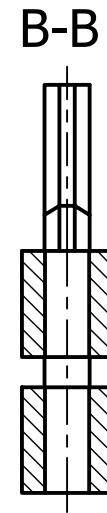
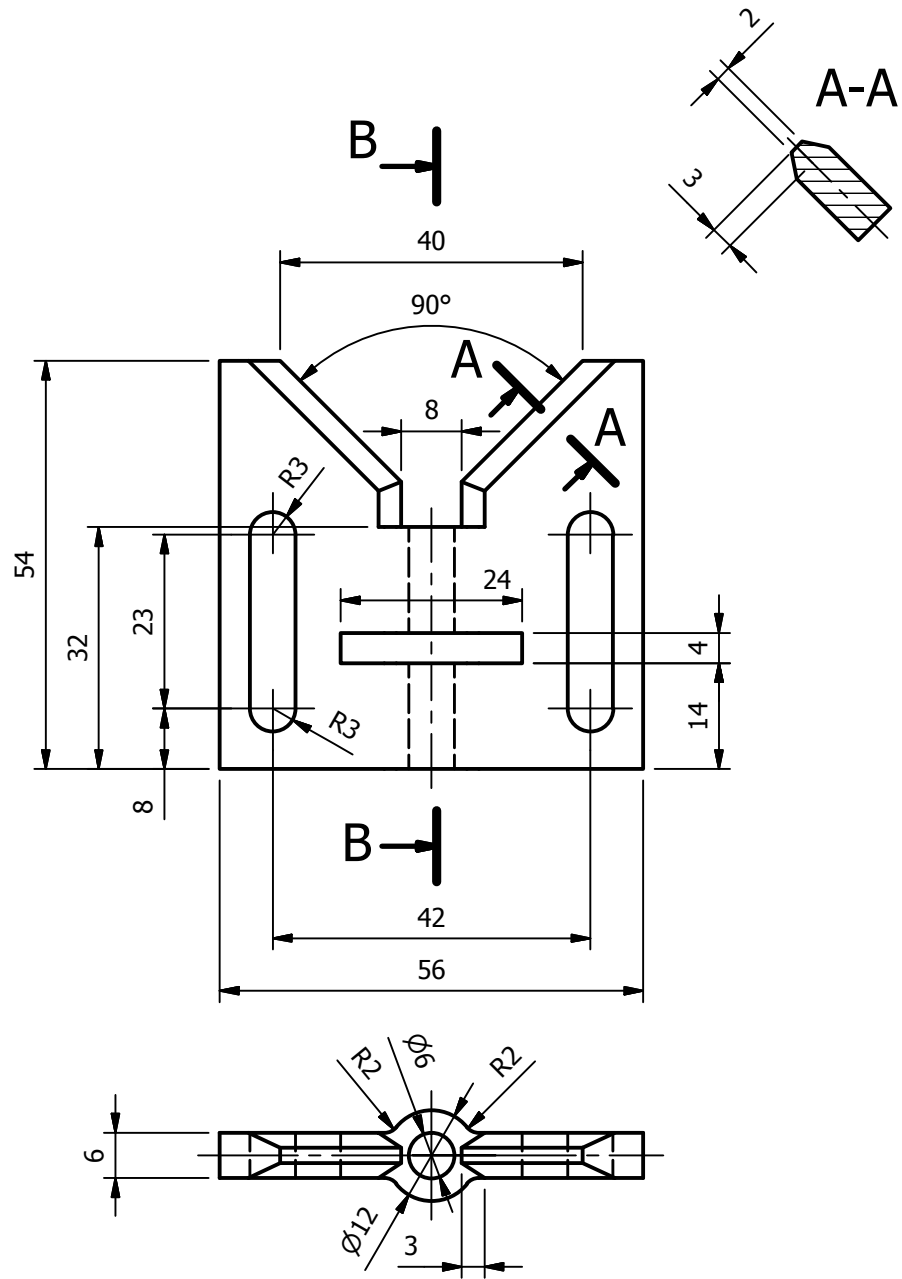
111738.015 mm³



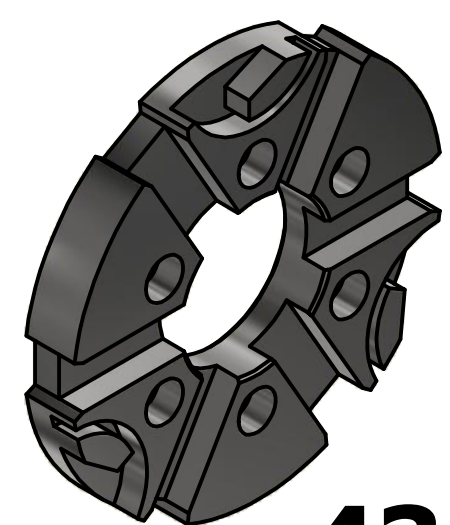
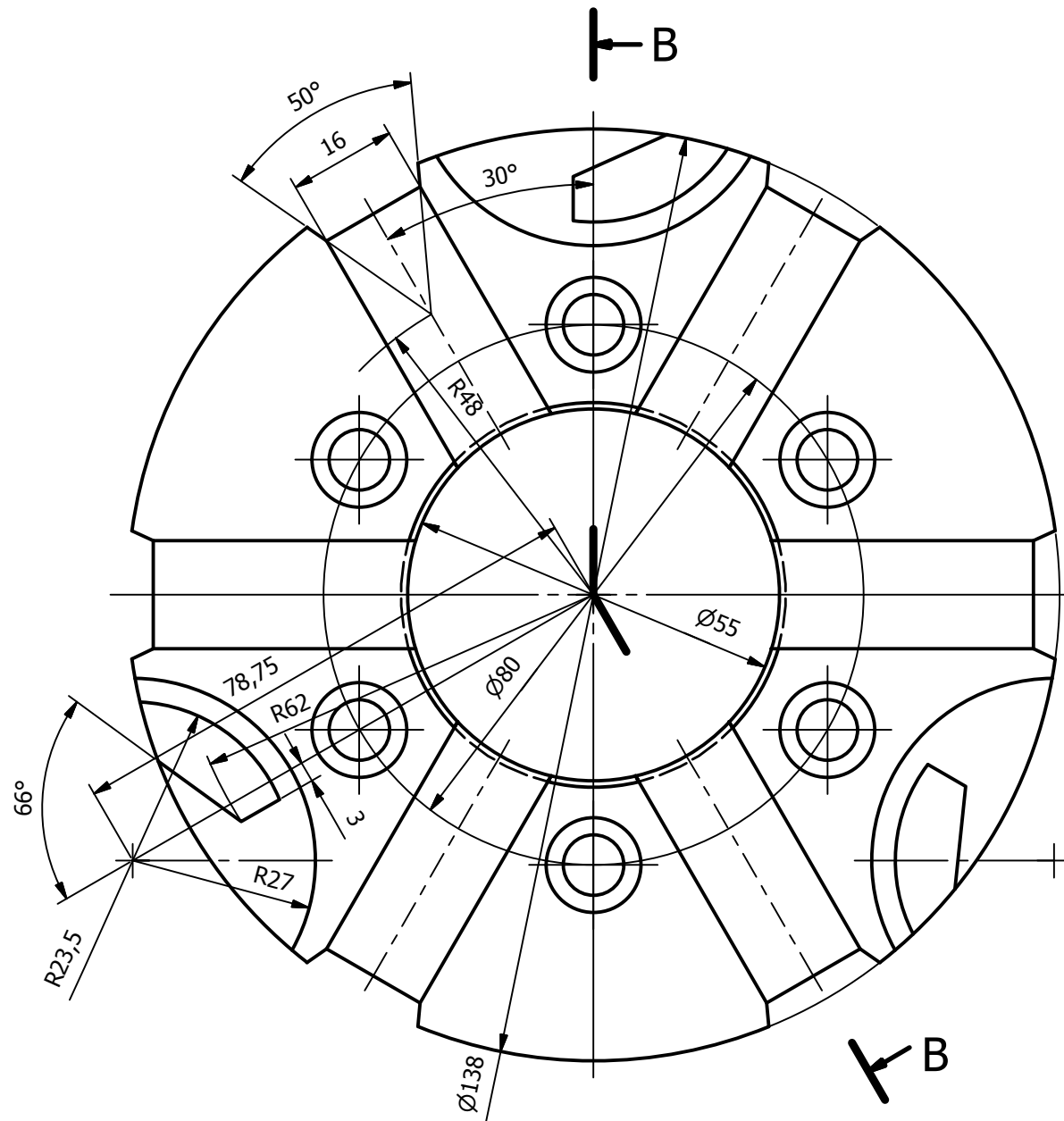
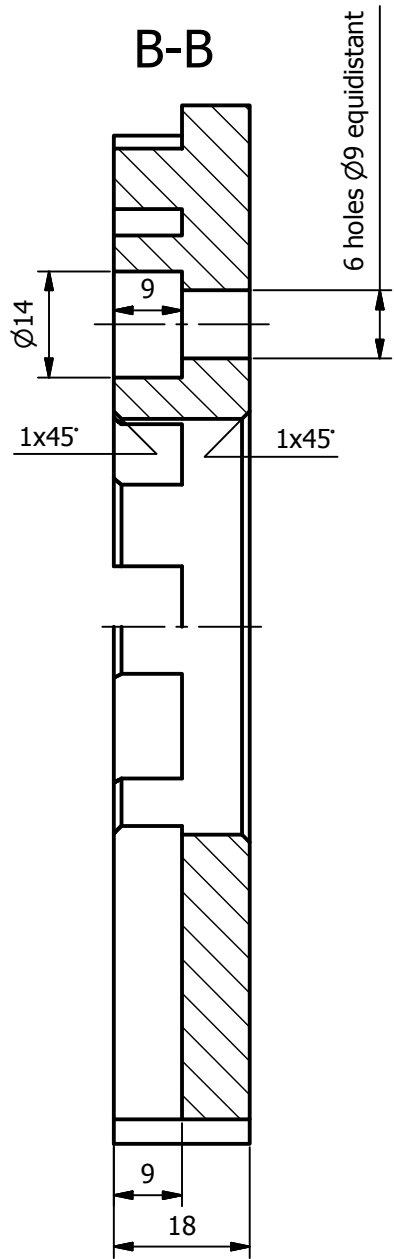
333024.246 mm^3

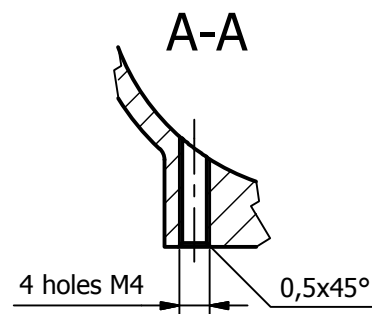
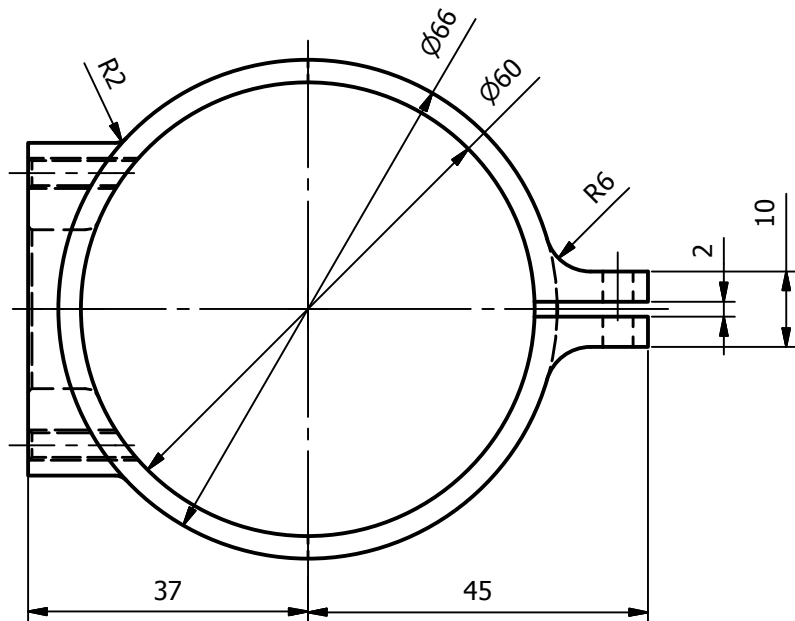
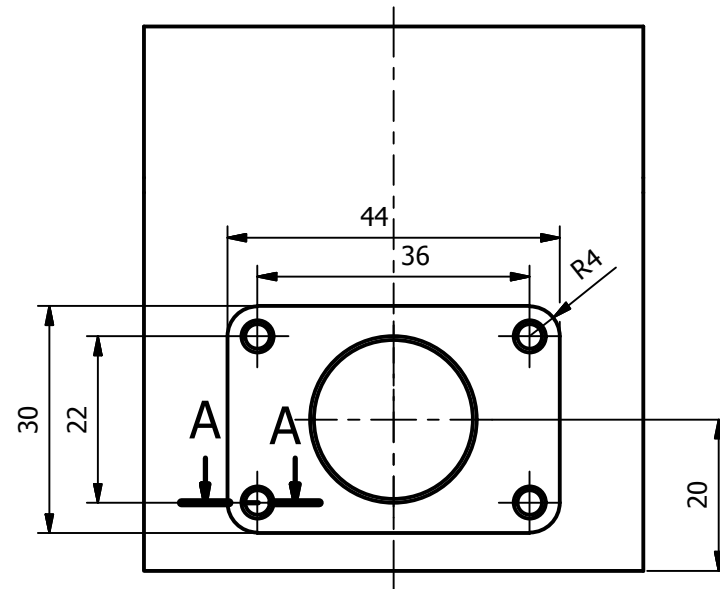
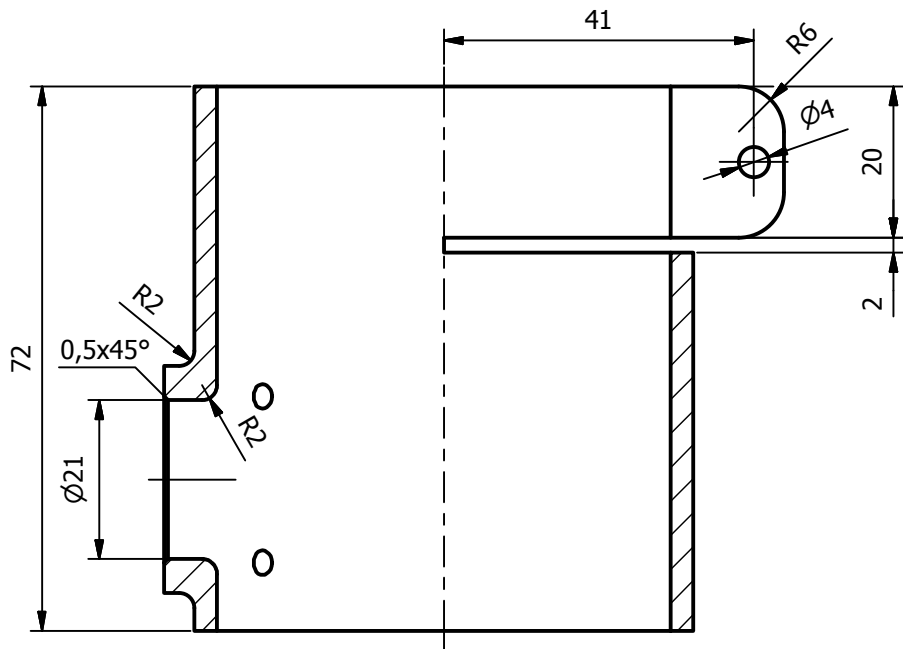
Note: The dimensions in paranthesis () are informal only

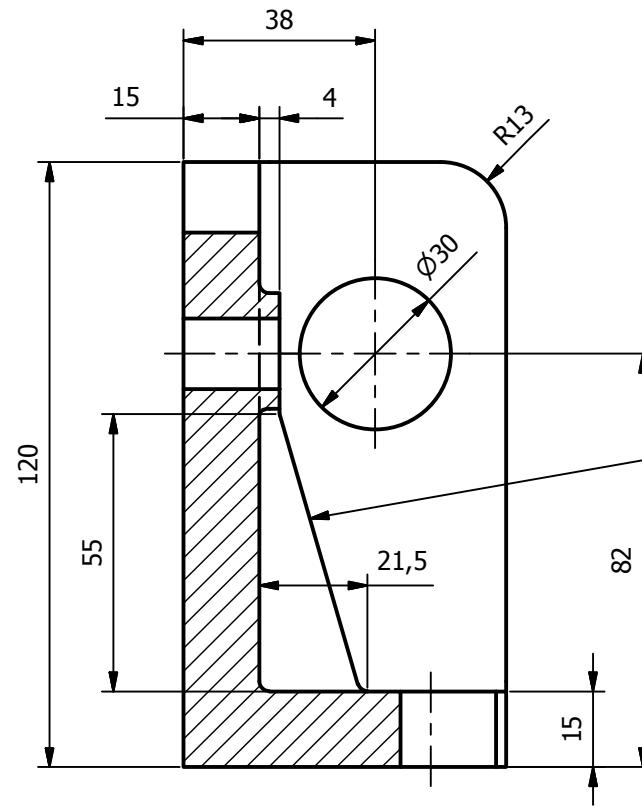
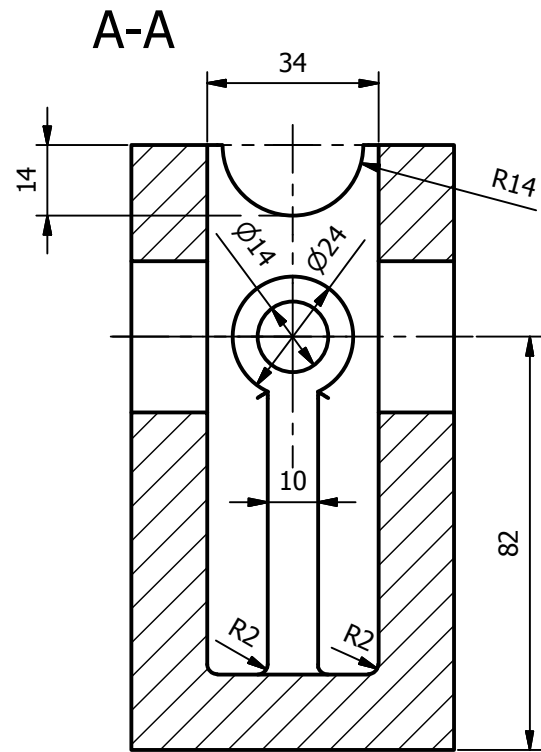




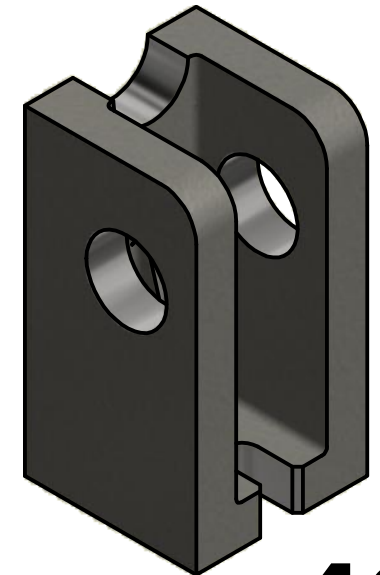
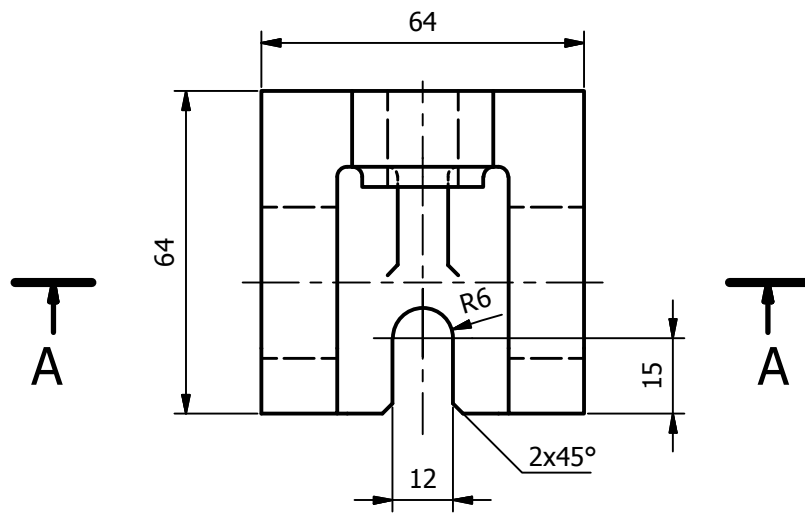
13098.750 mm³

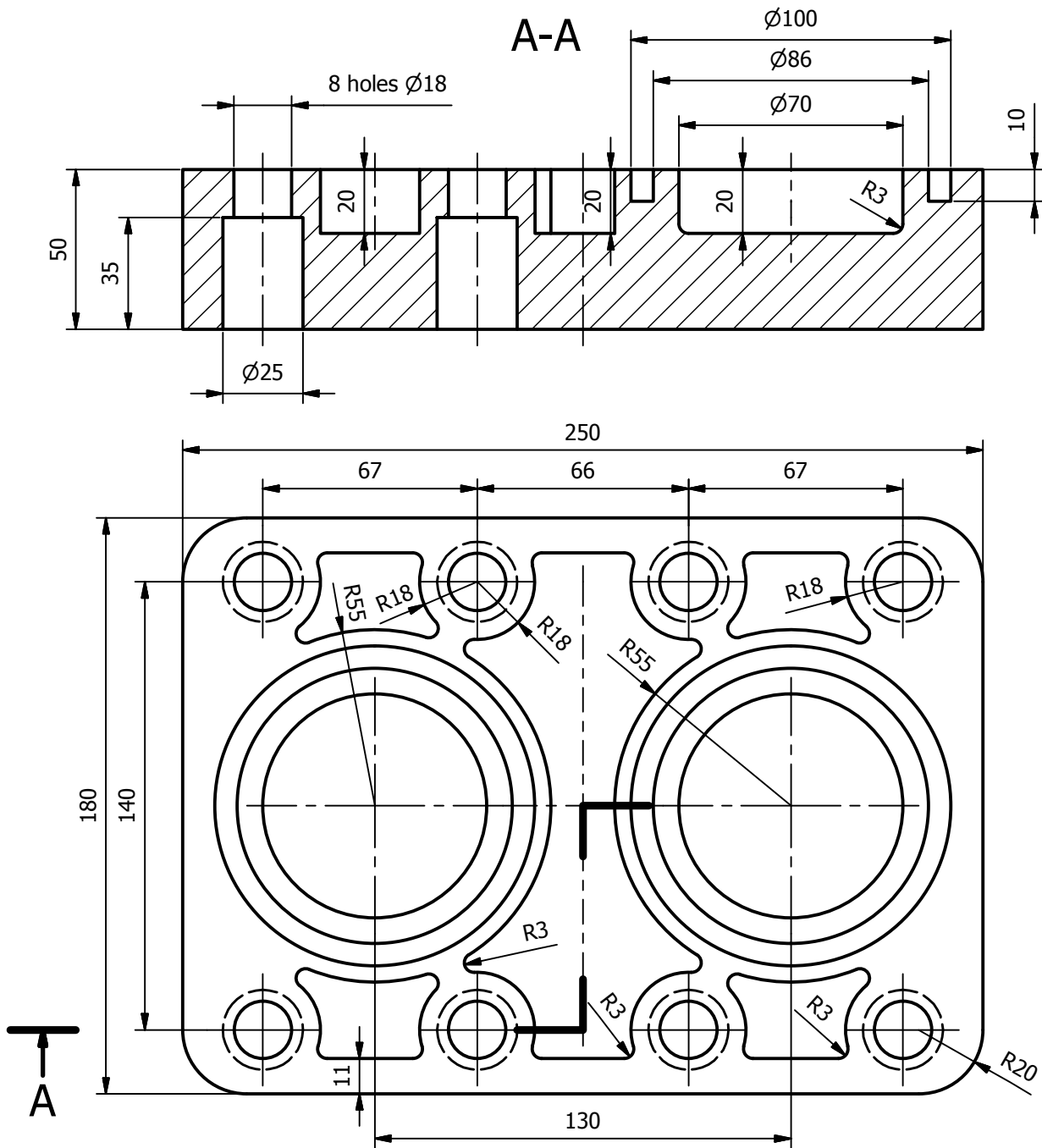




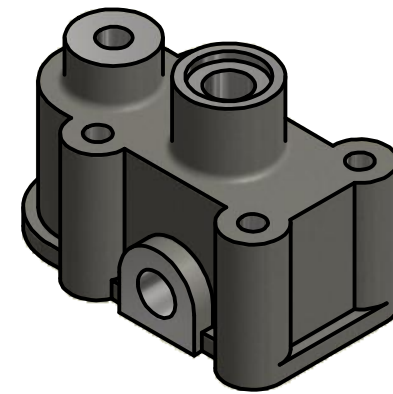
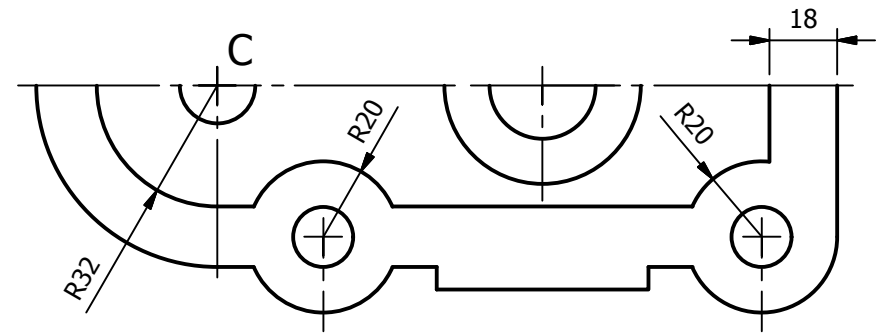
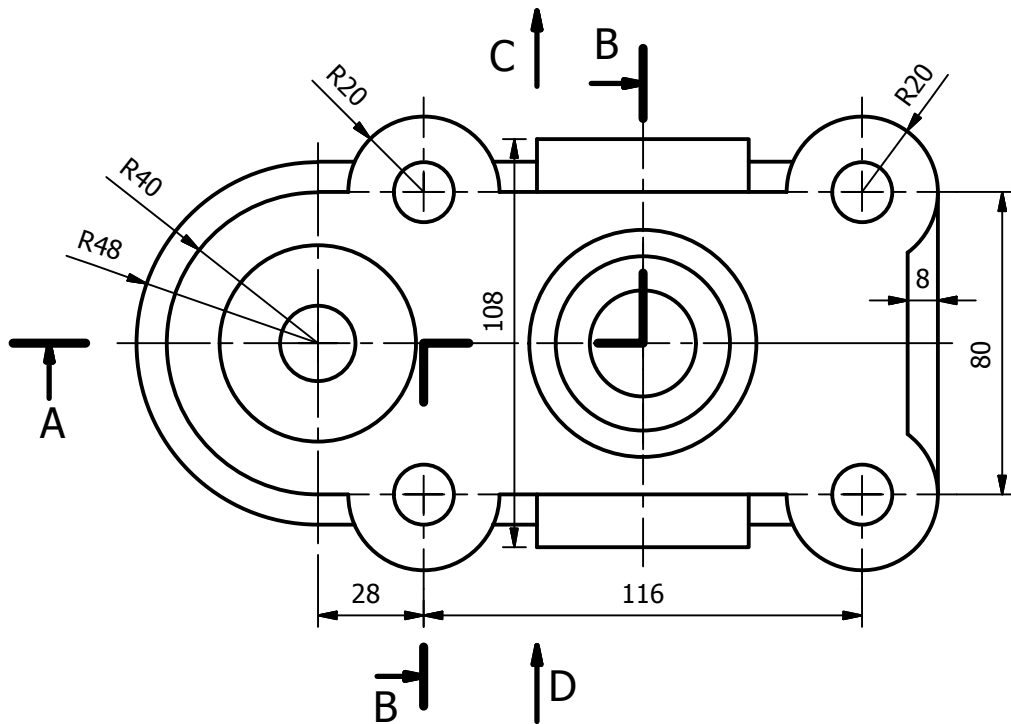
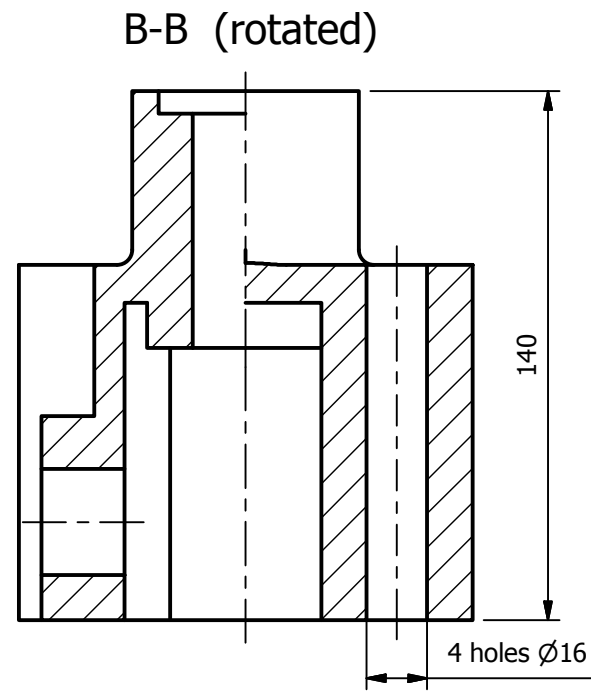
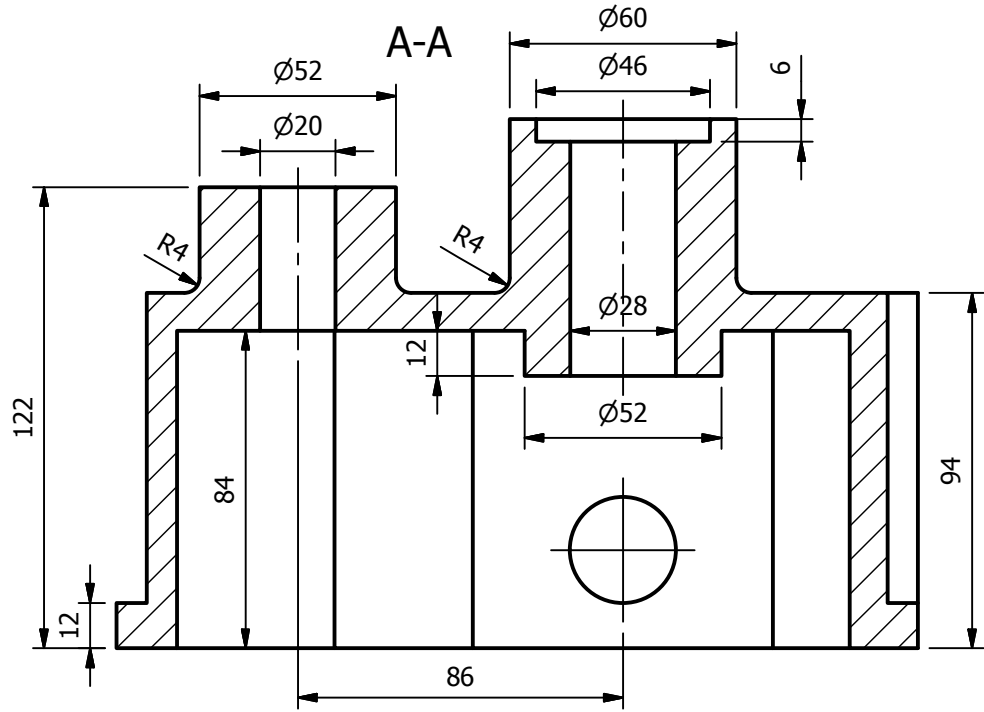


By standard, when a rib is sectioned in its mid-plane the hatch is void

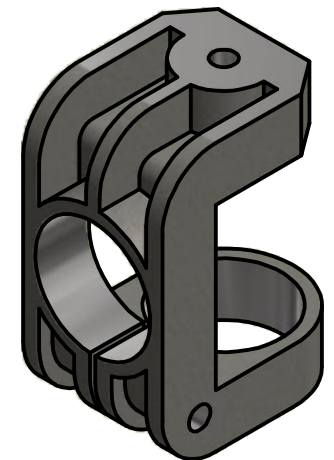
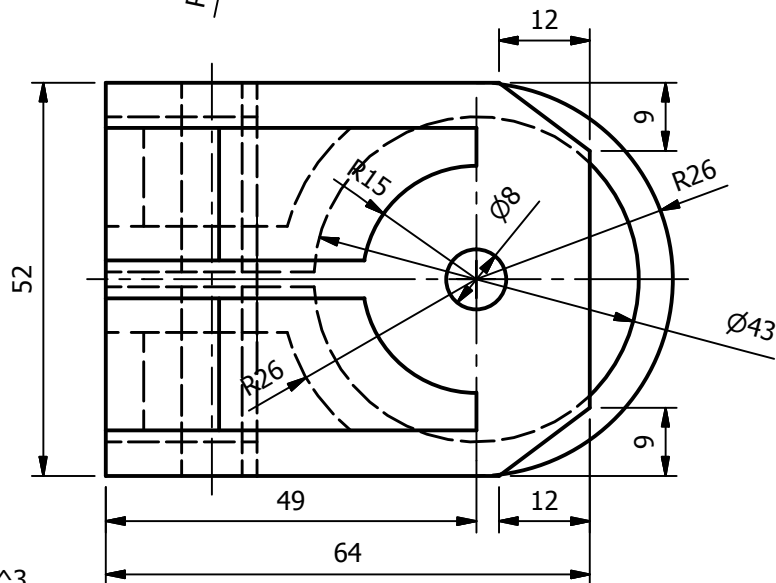
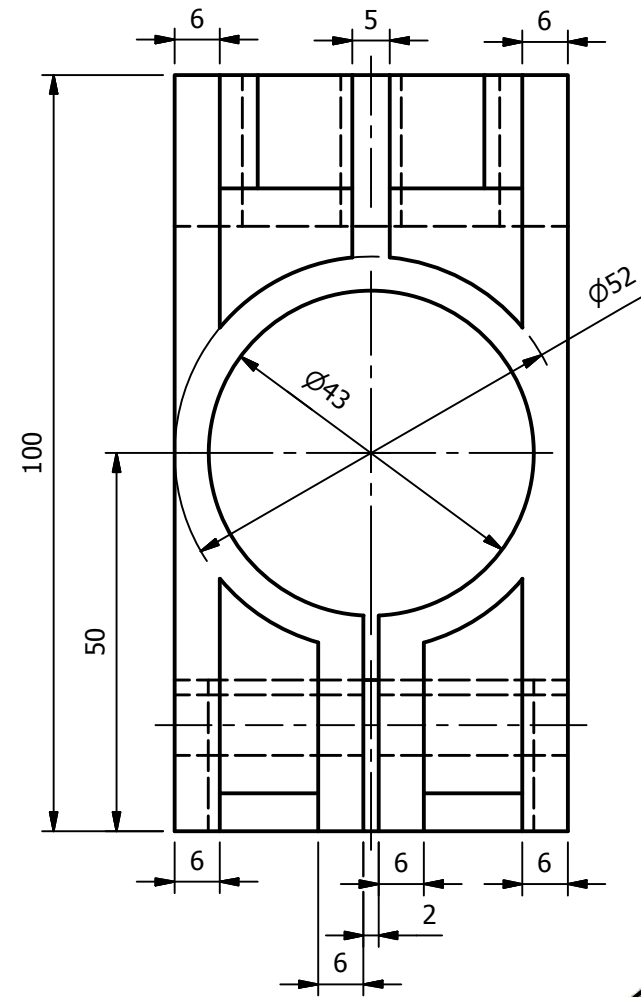
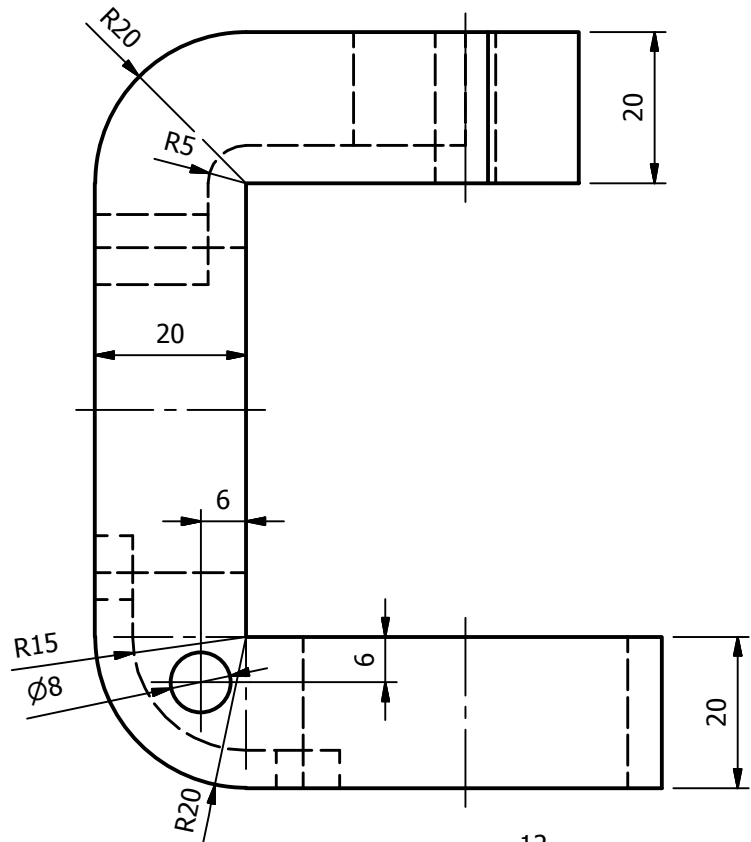




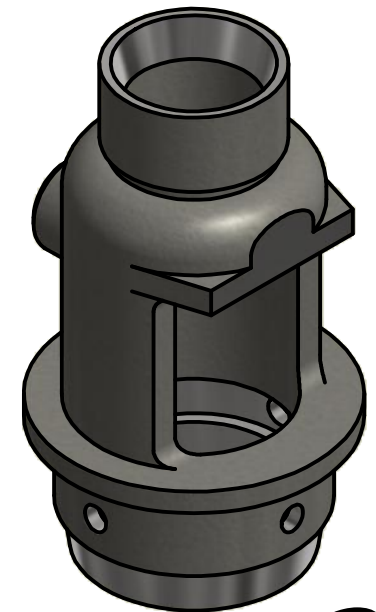
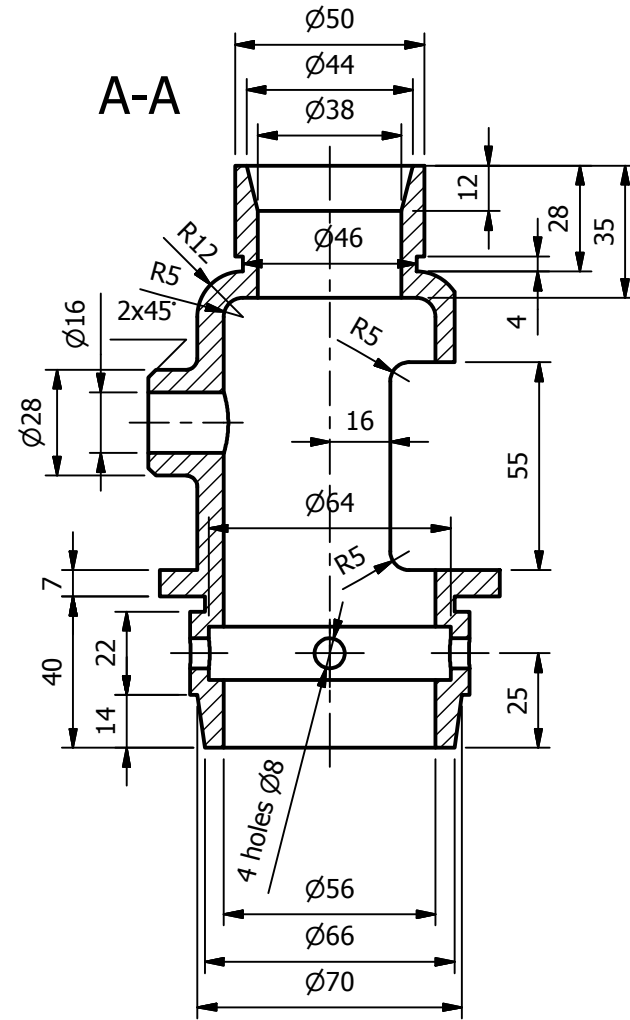
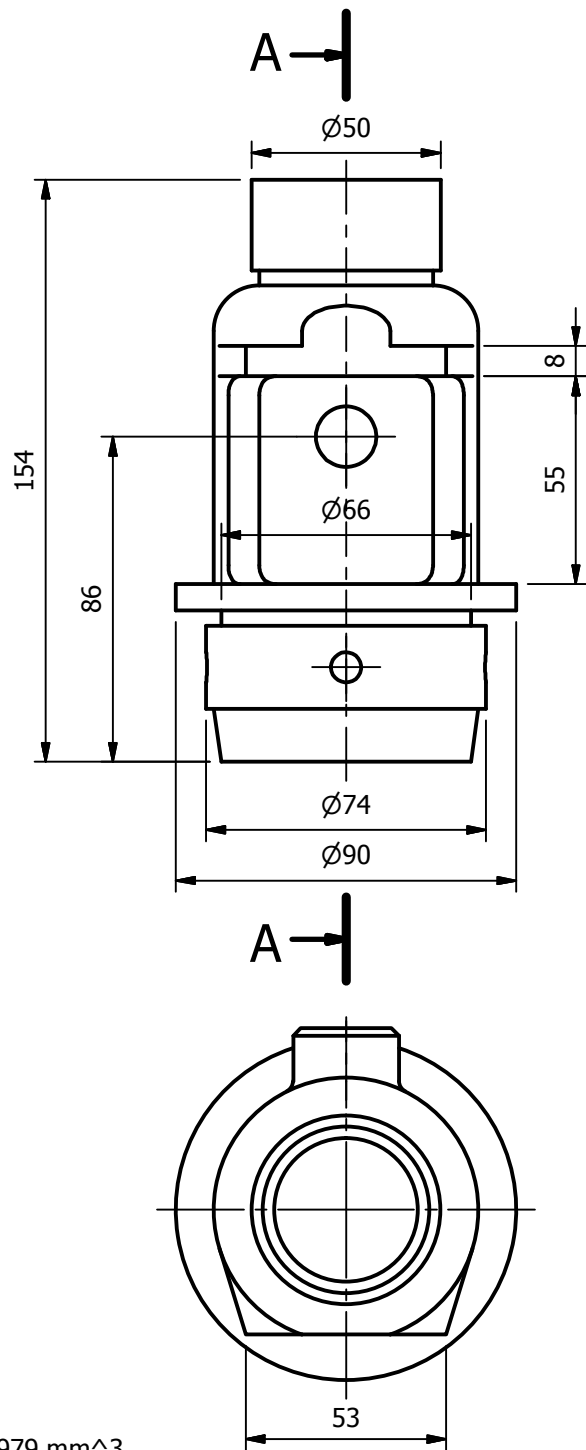
1680918.203 mm³



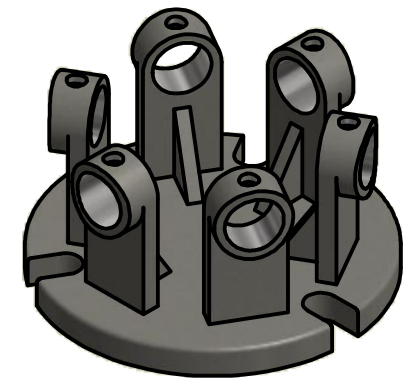
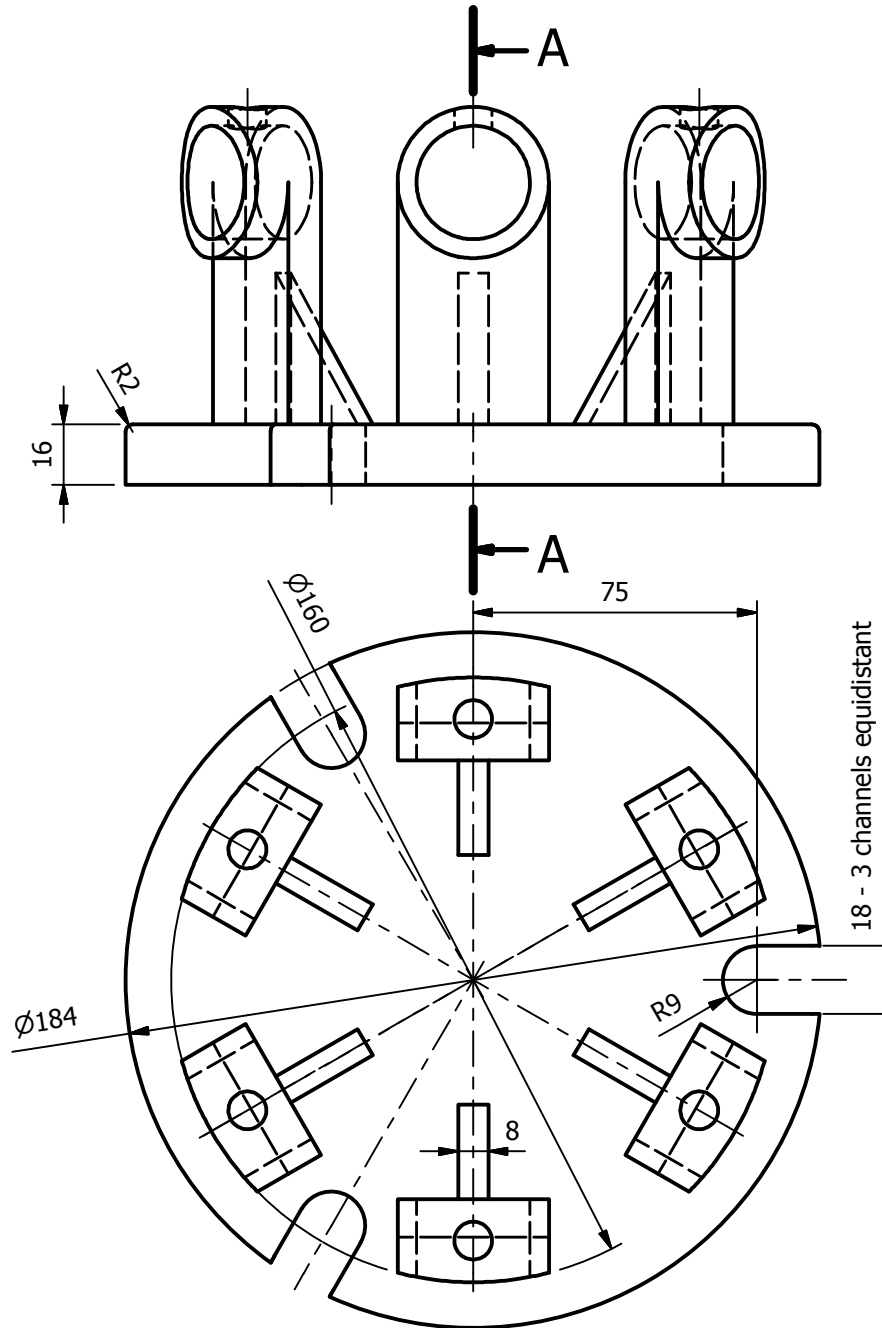
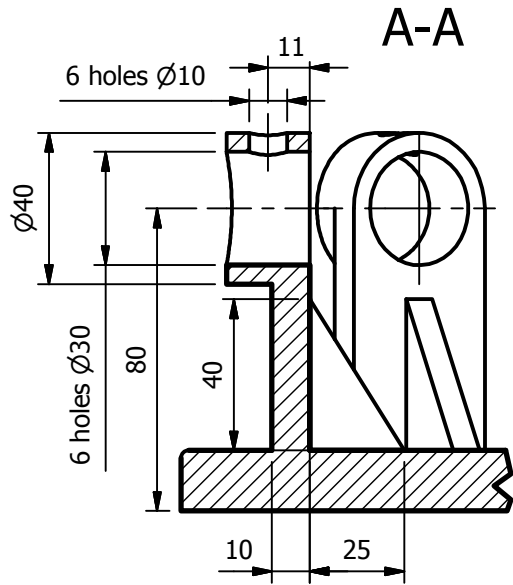
979569.527 mm³

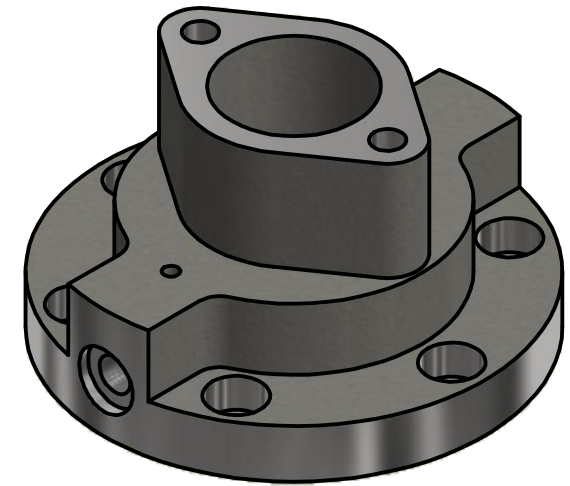
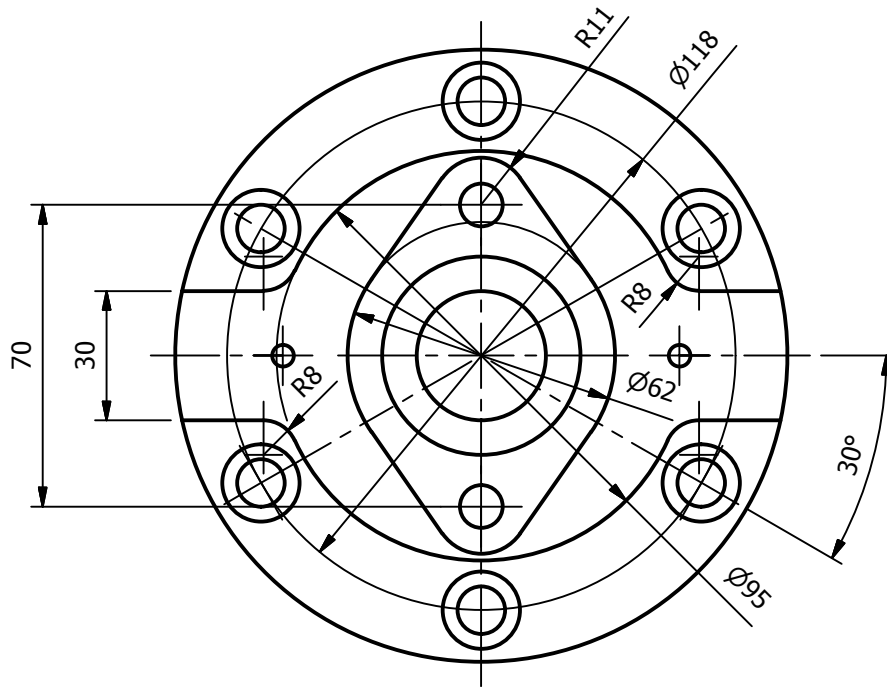
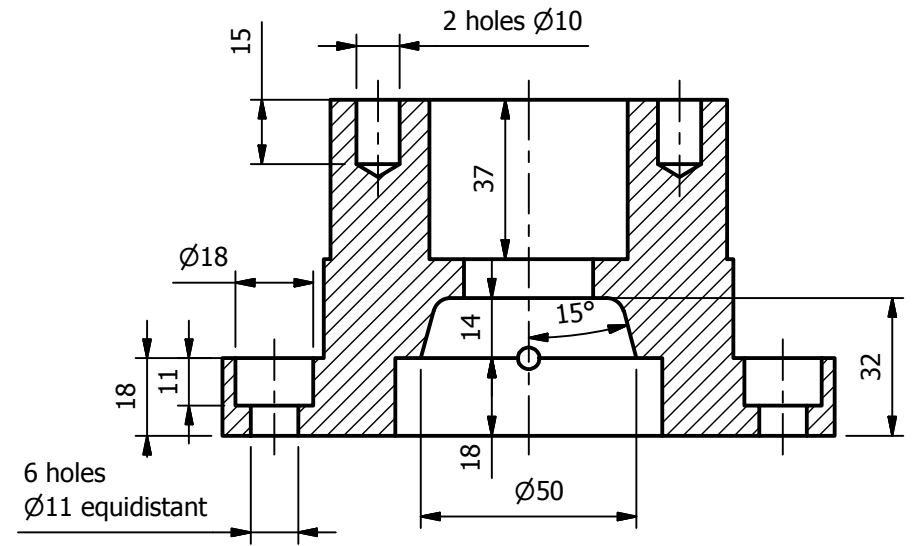
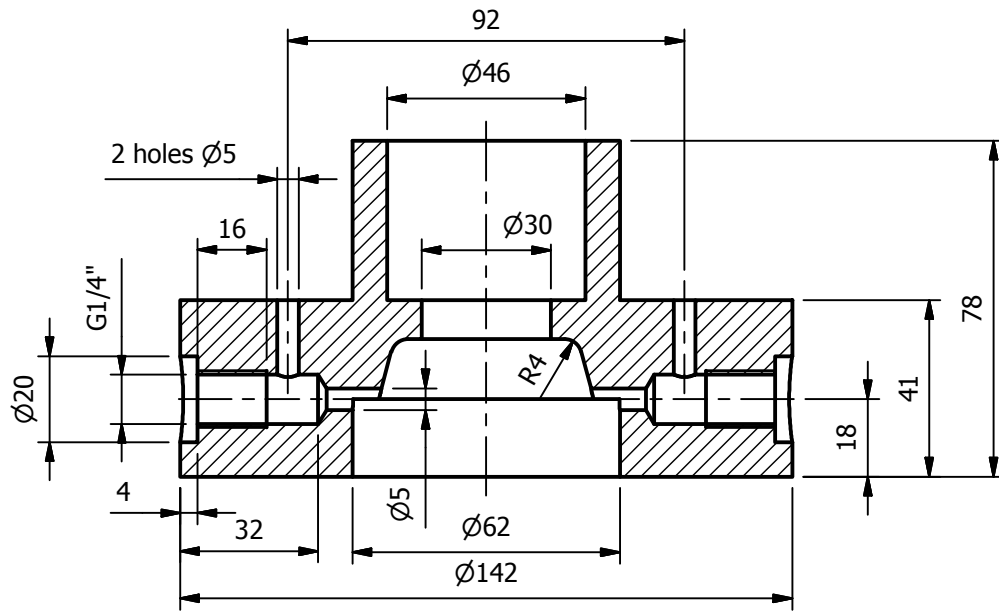


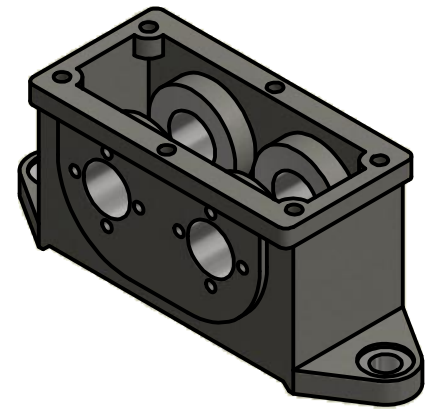
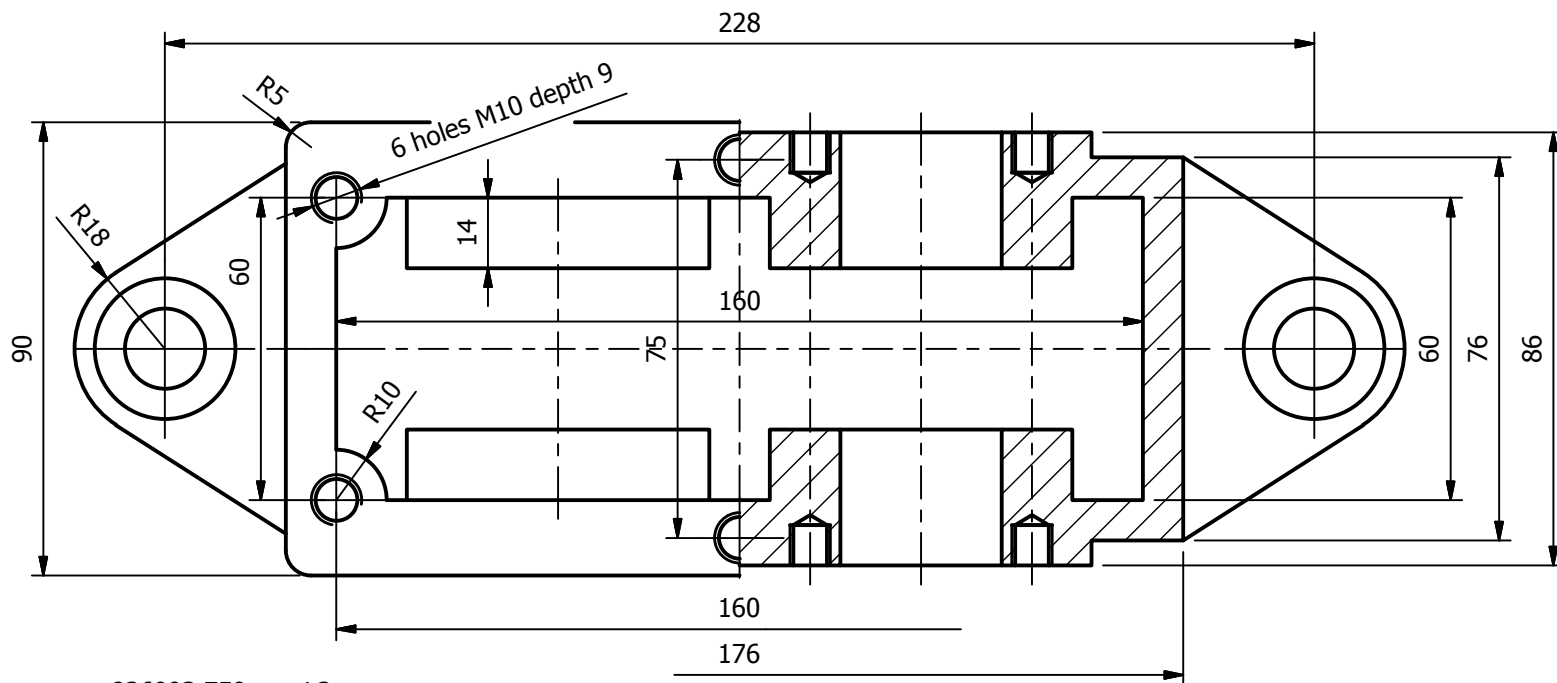
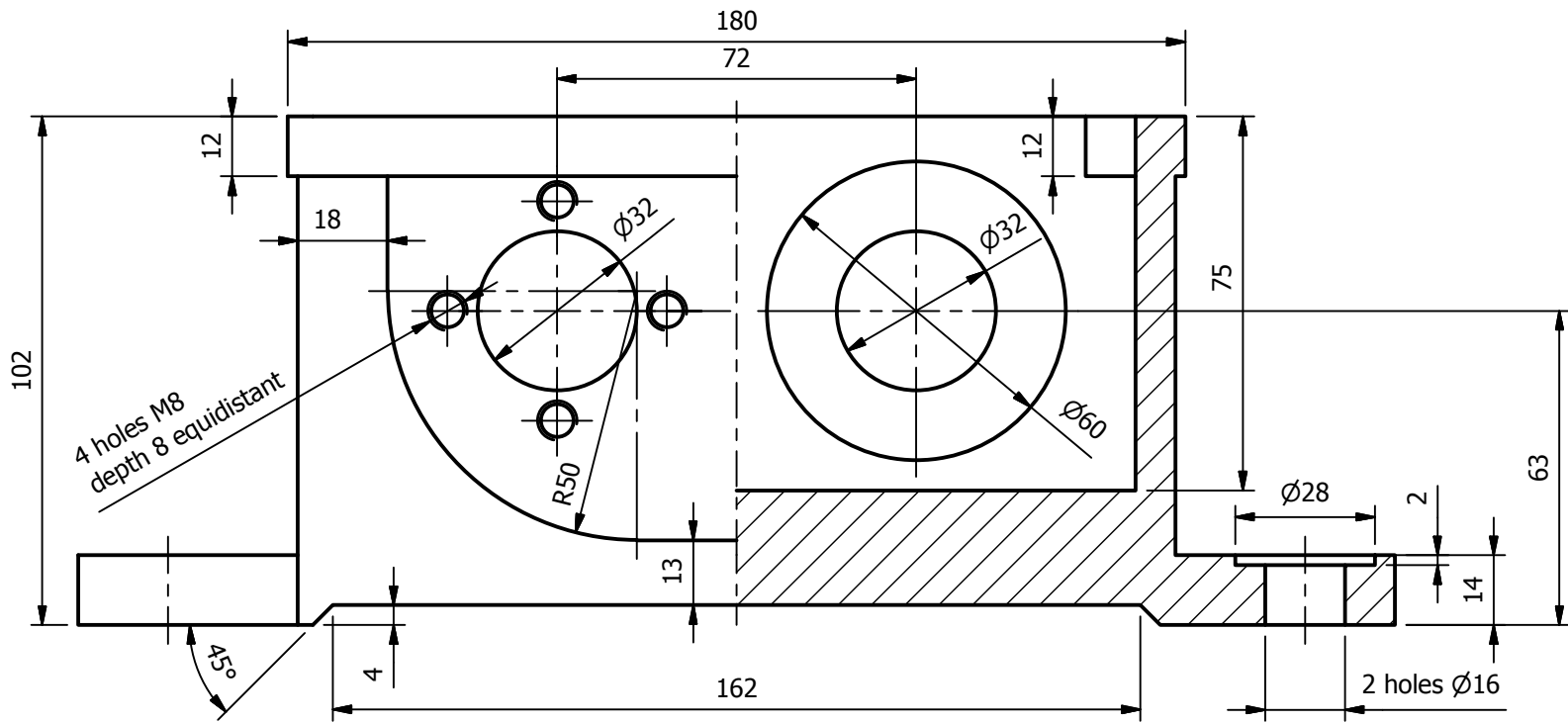
96445.594 mm³



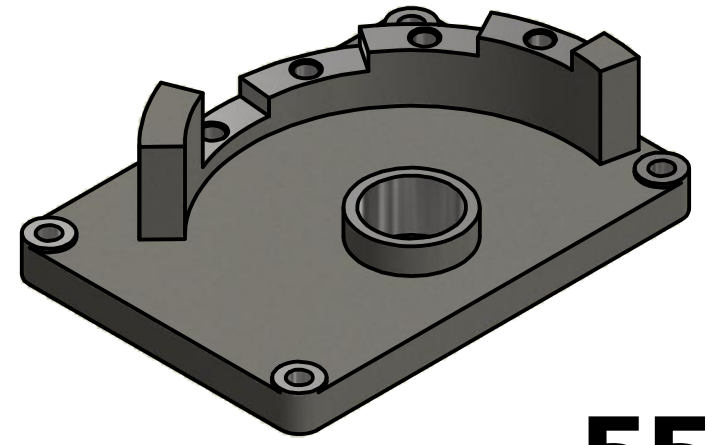
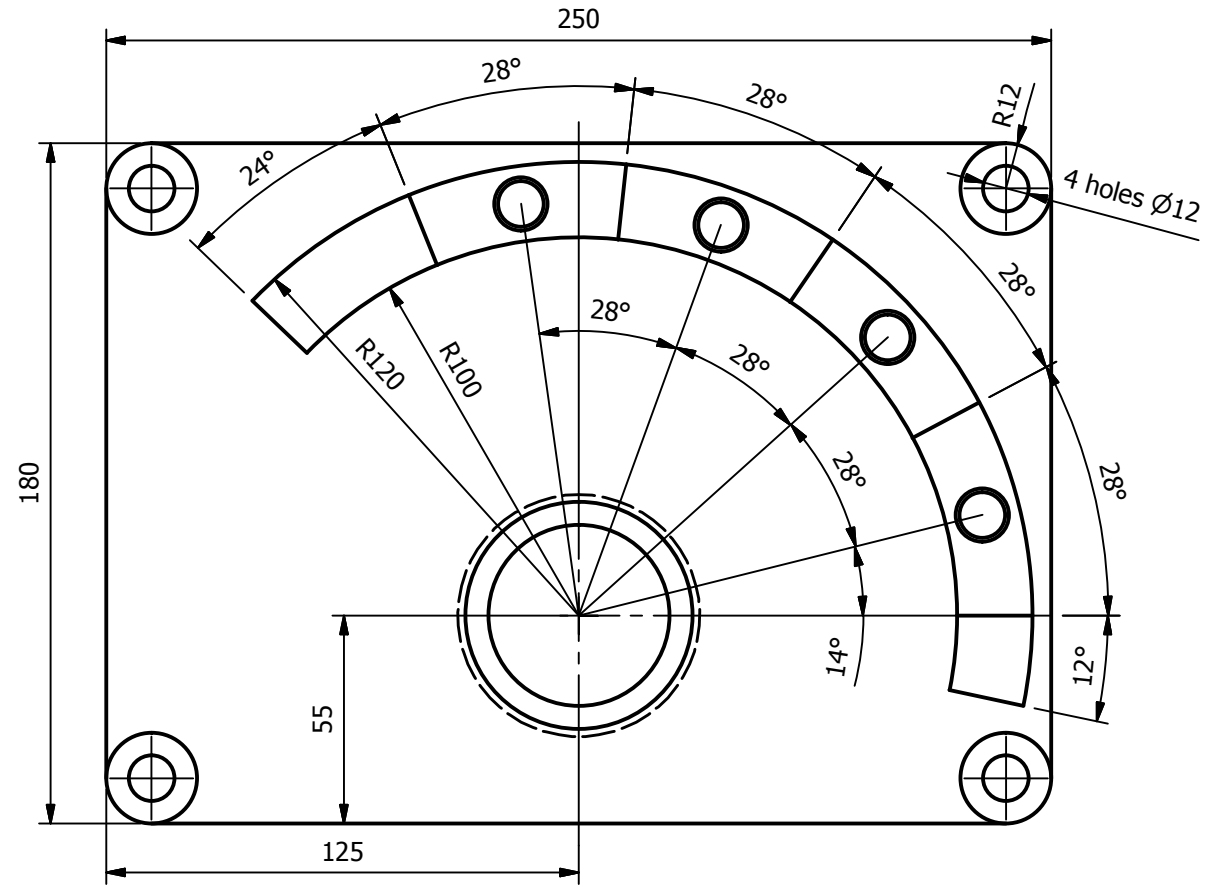
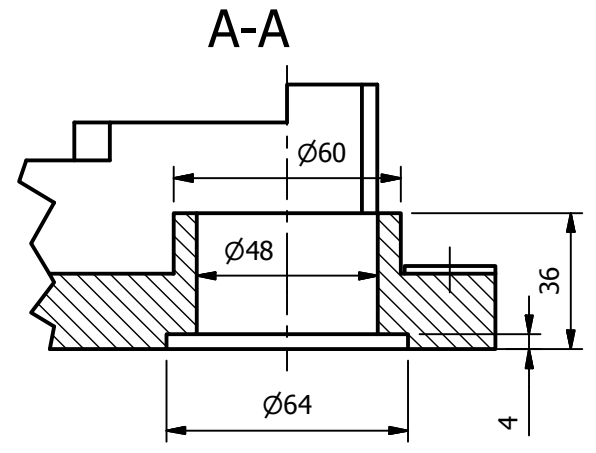
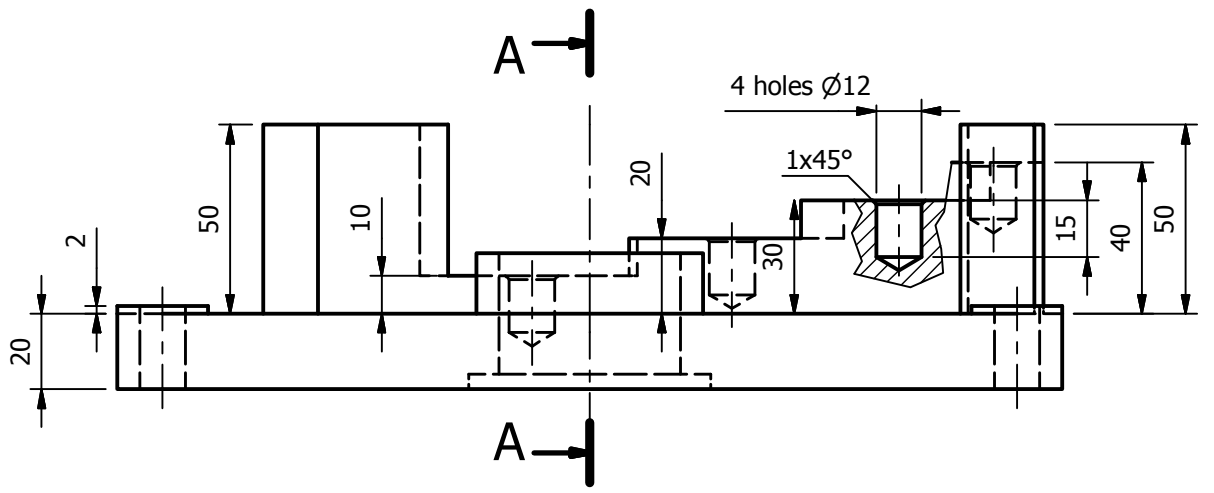
189717.979 mm³



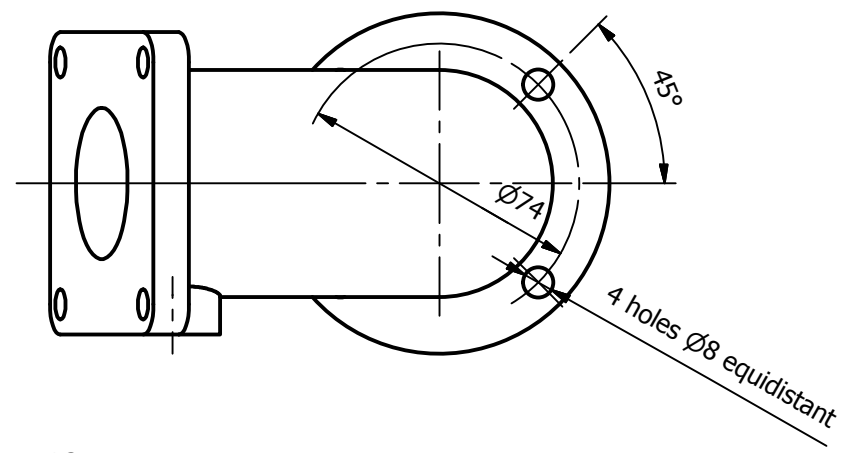
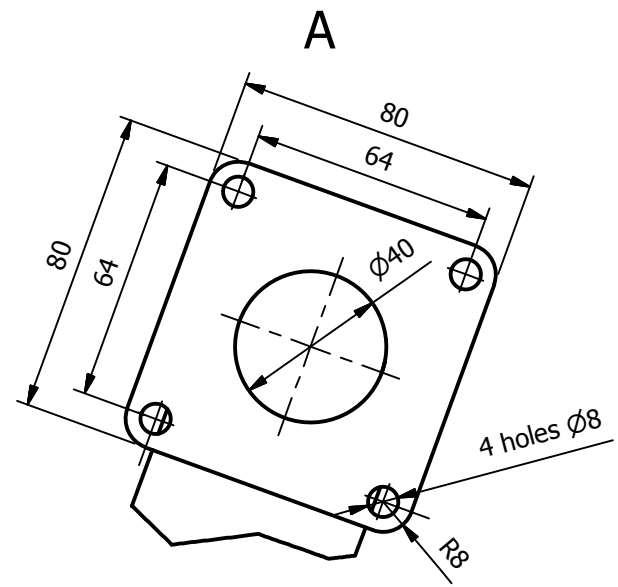
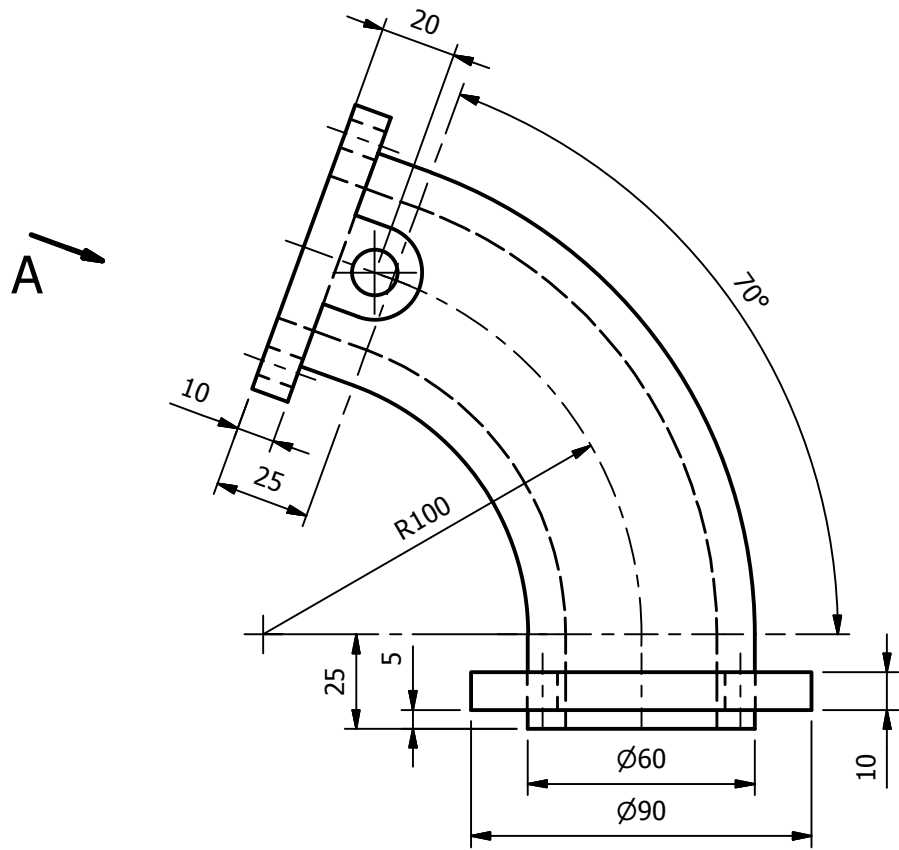




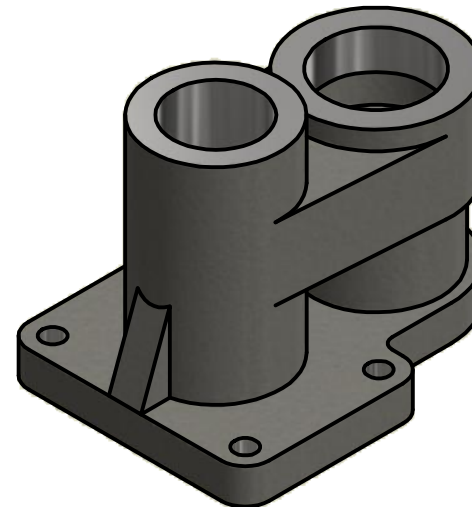
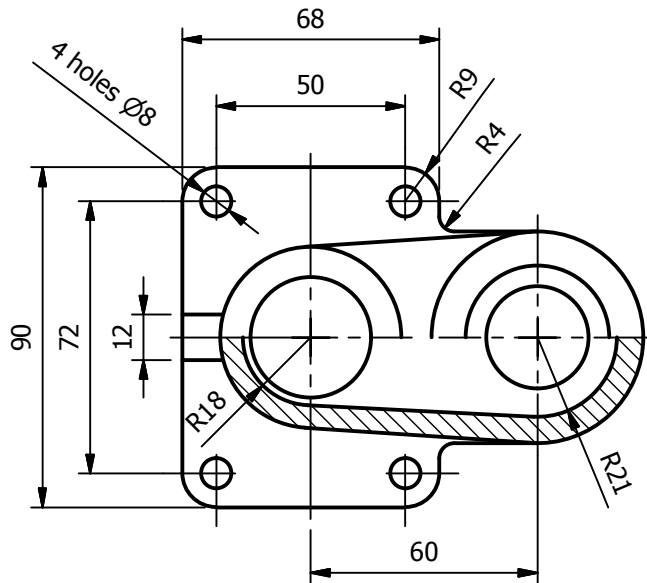
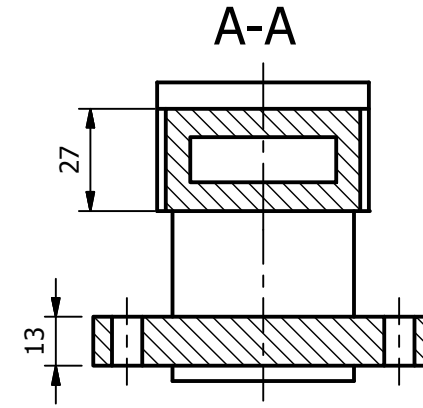
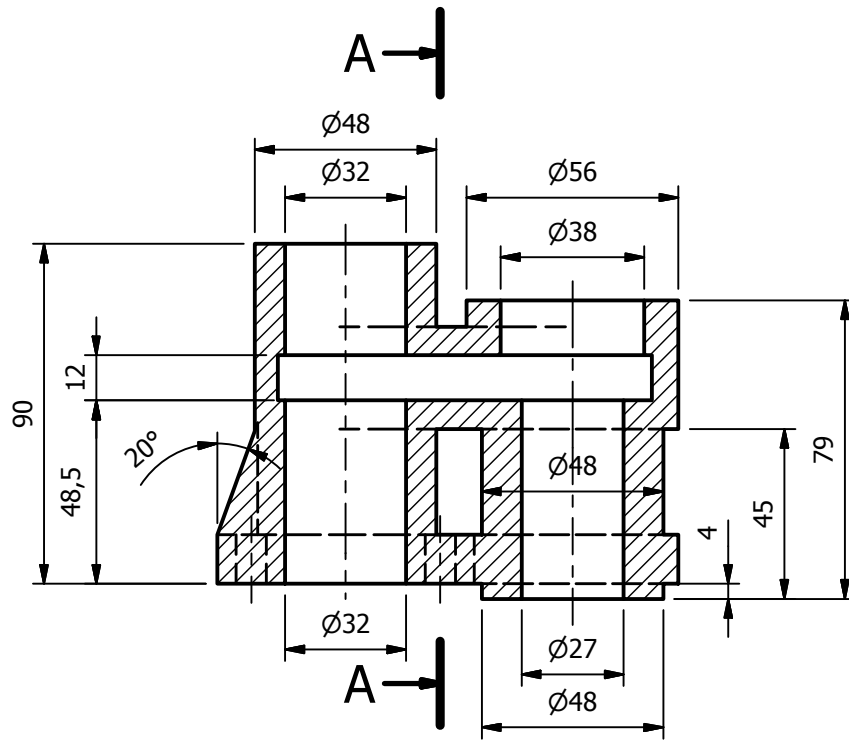
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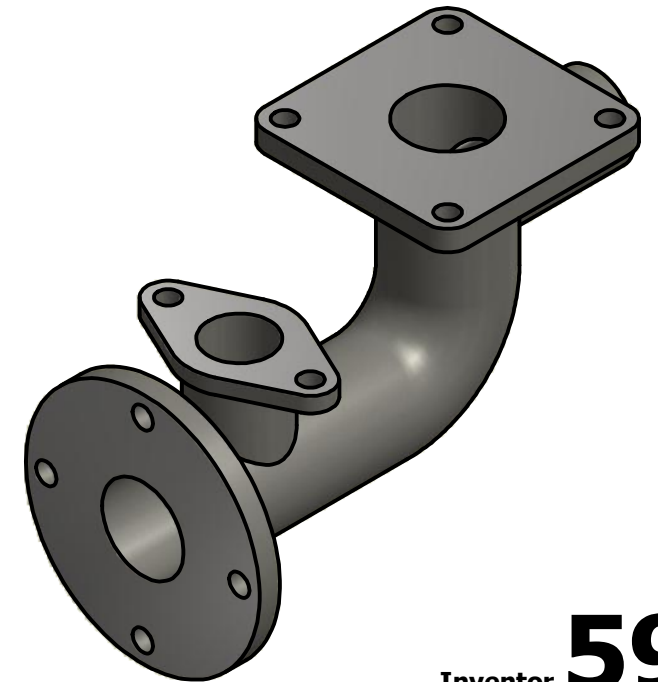
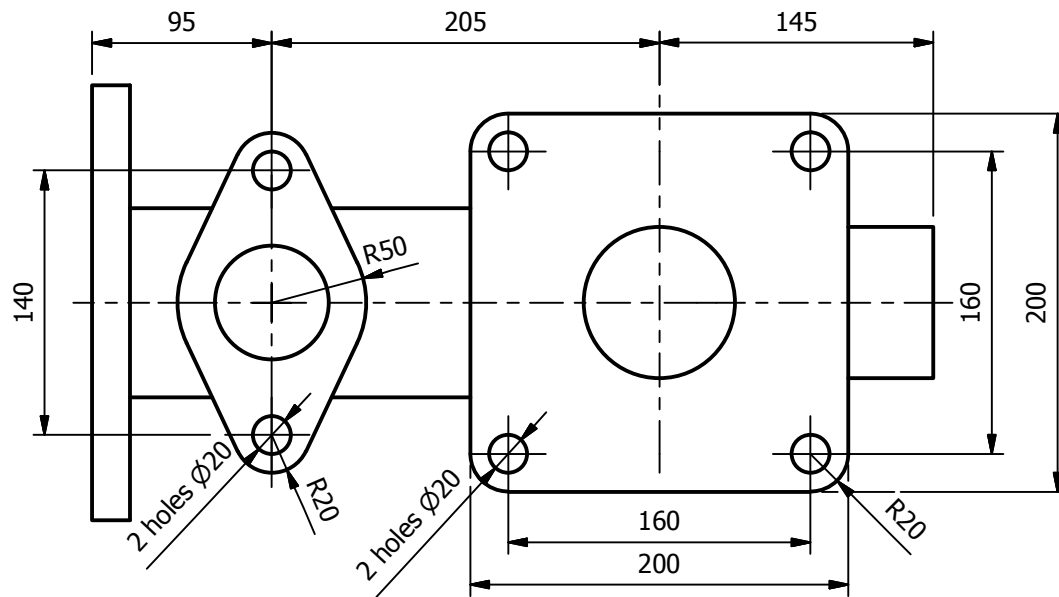
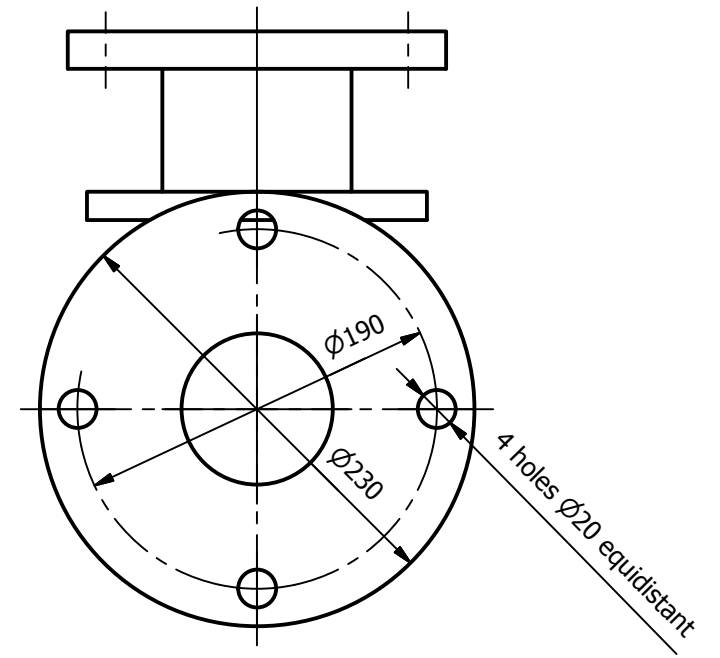
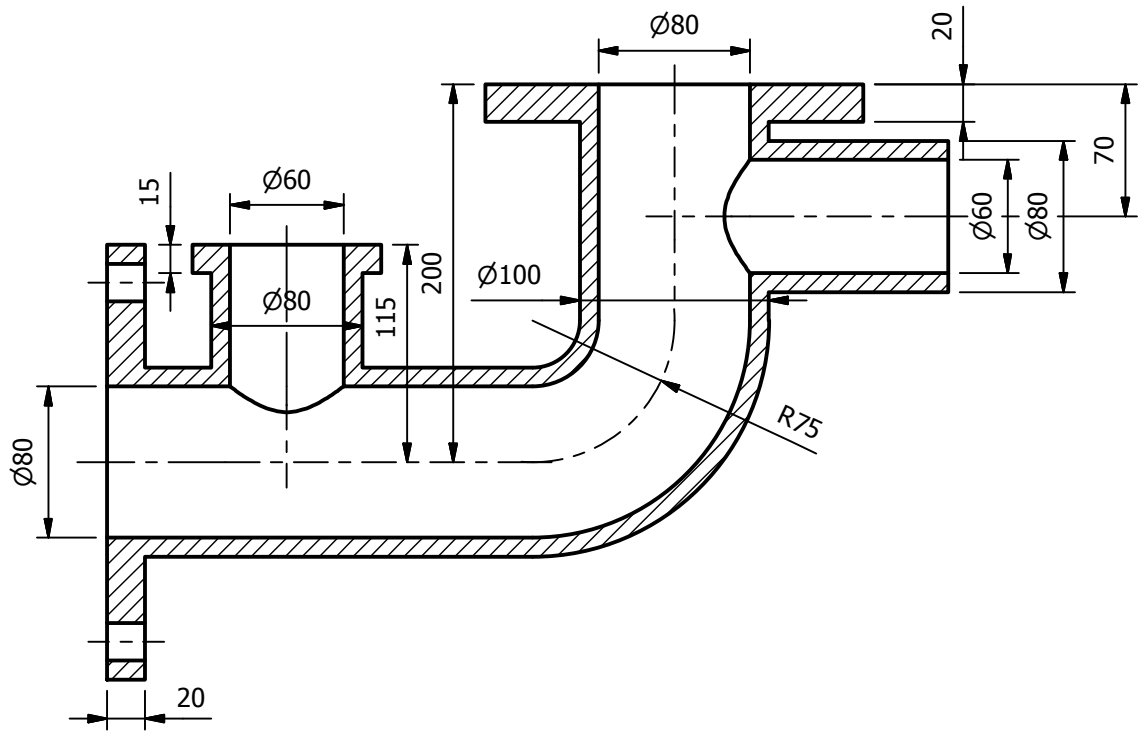


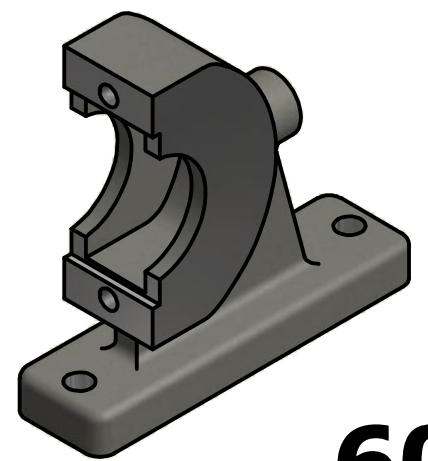
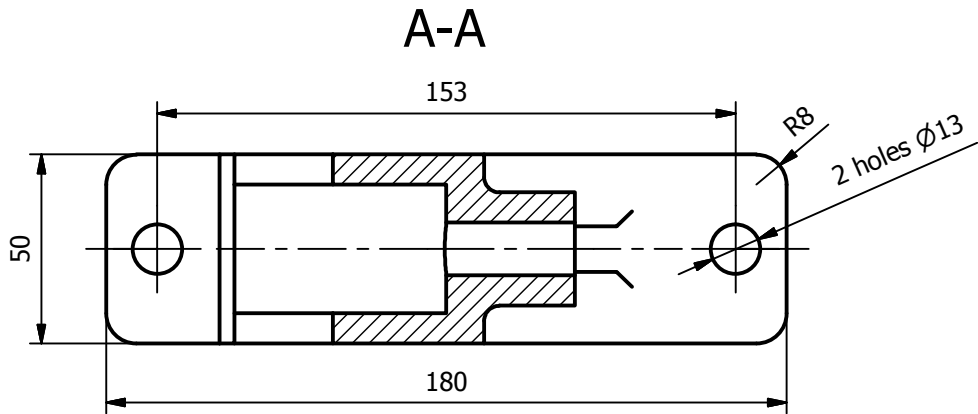
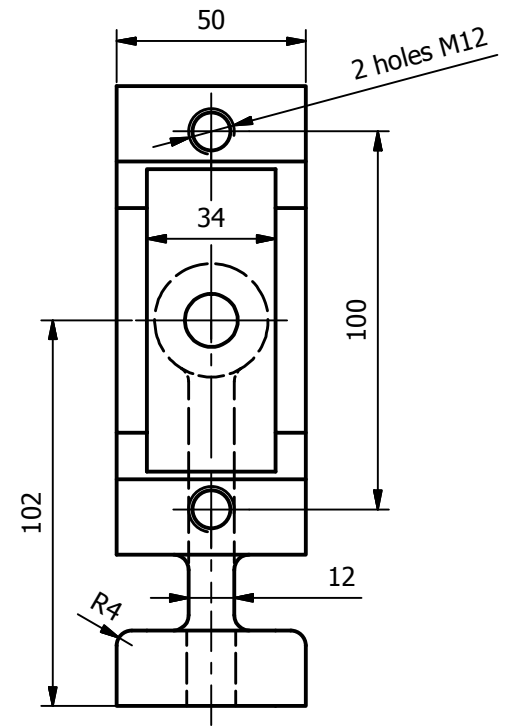
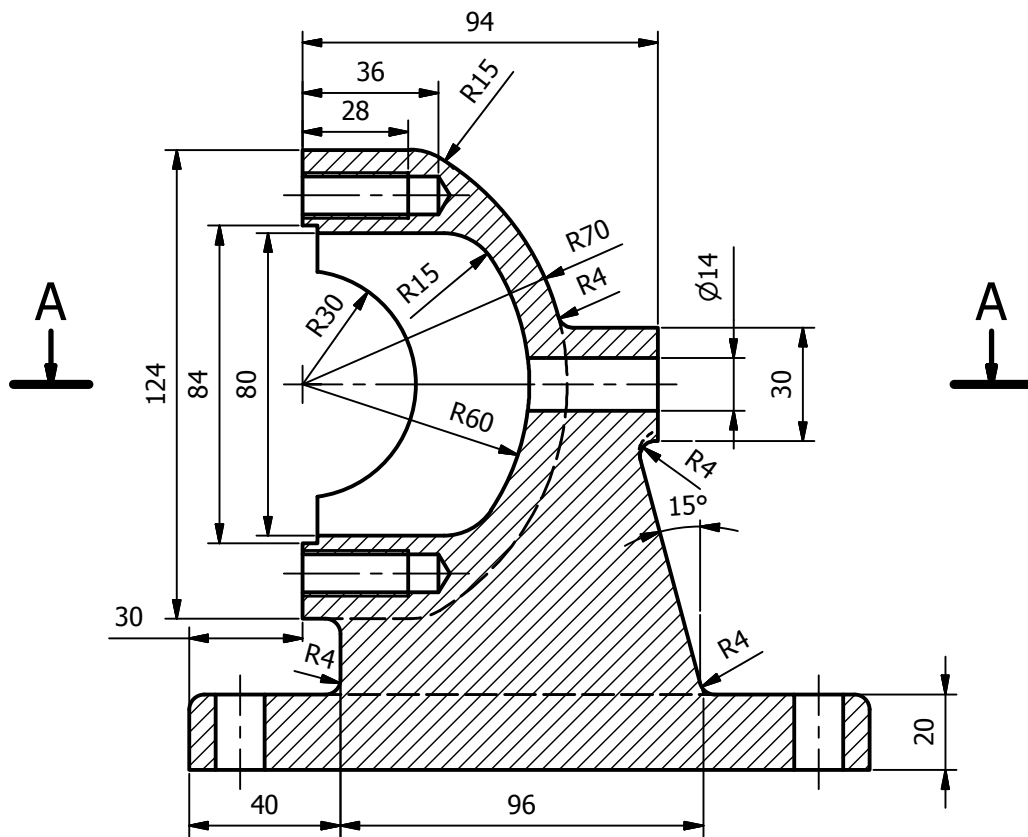
1033775.096 mm³



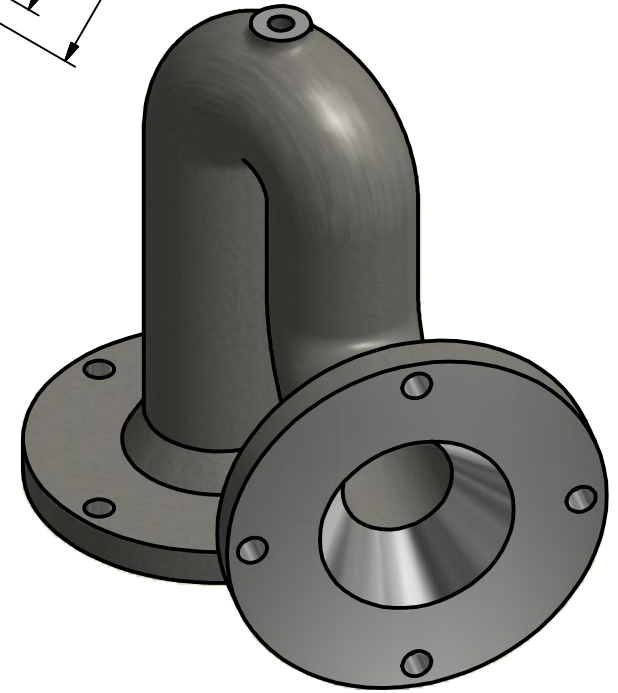
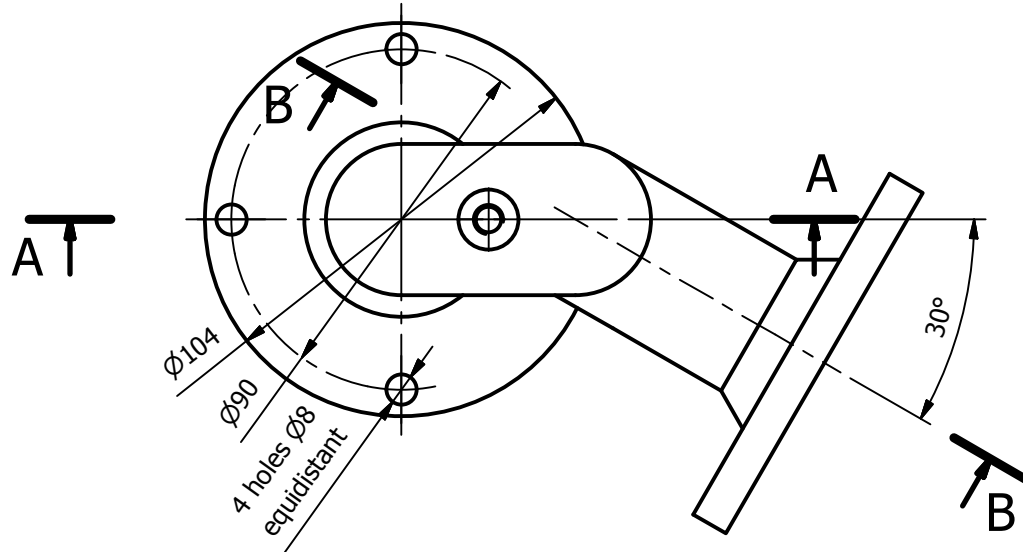
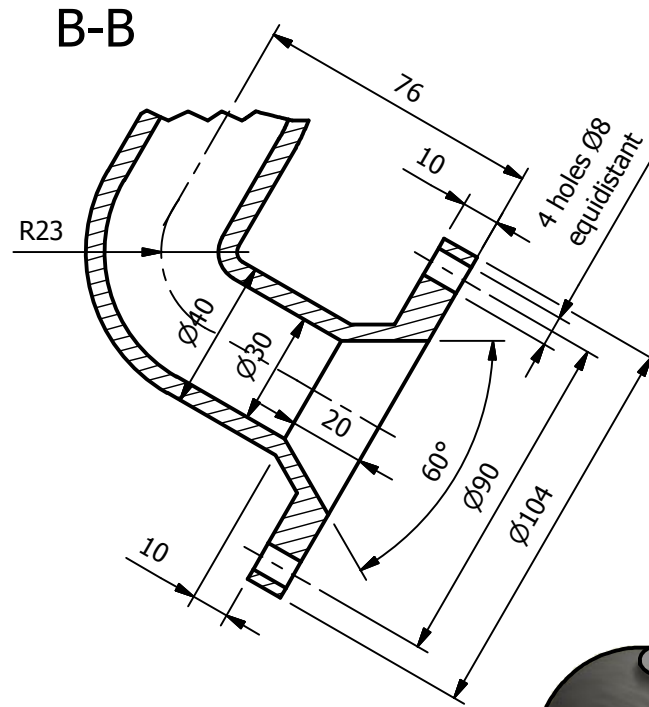
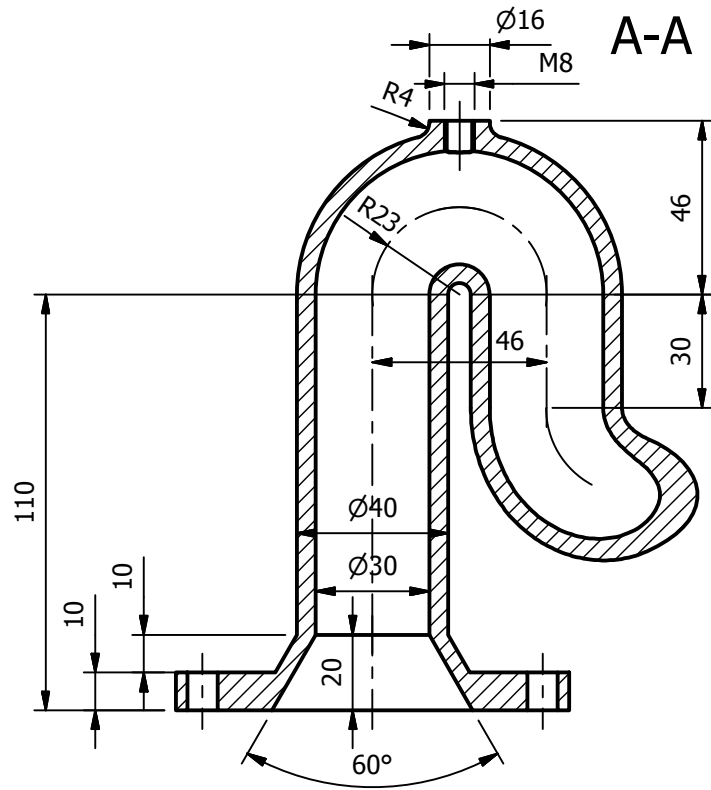
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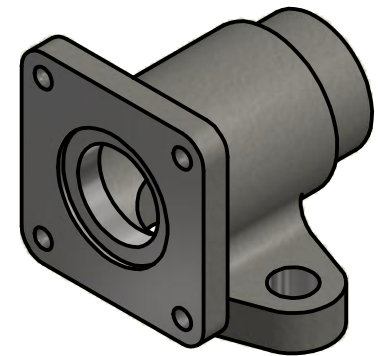
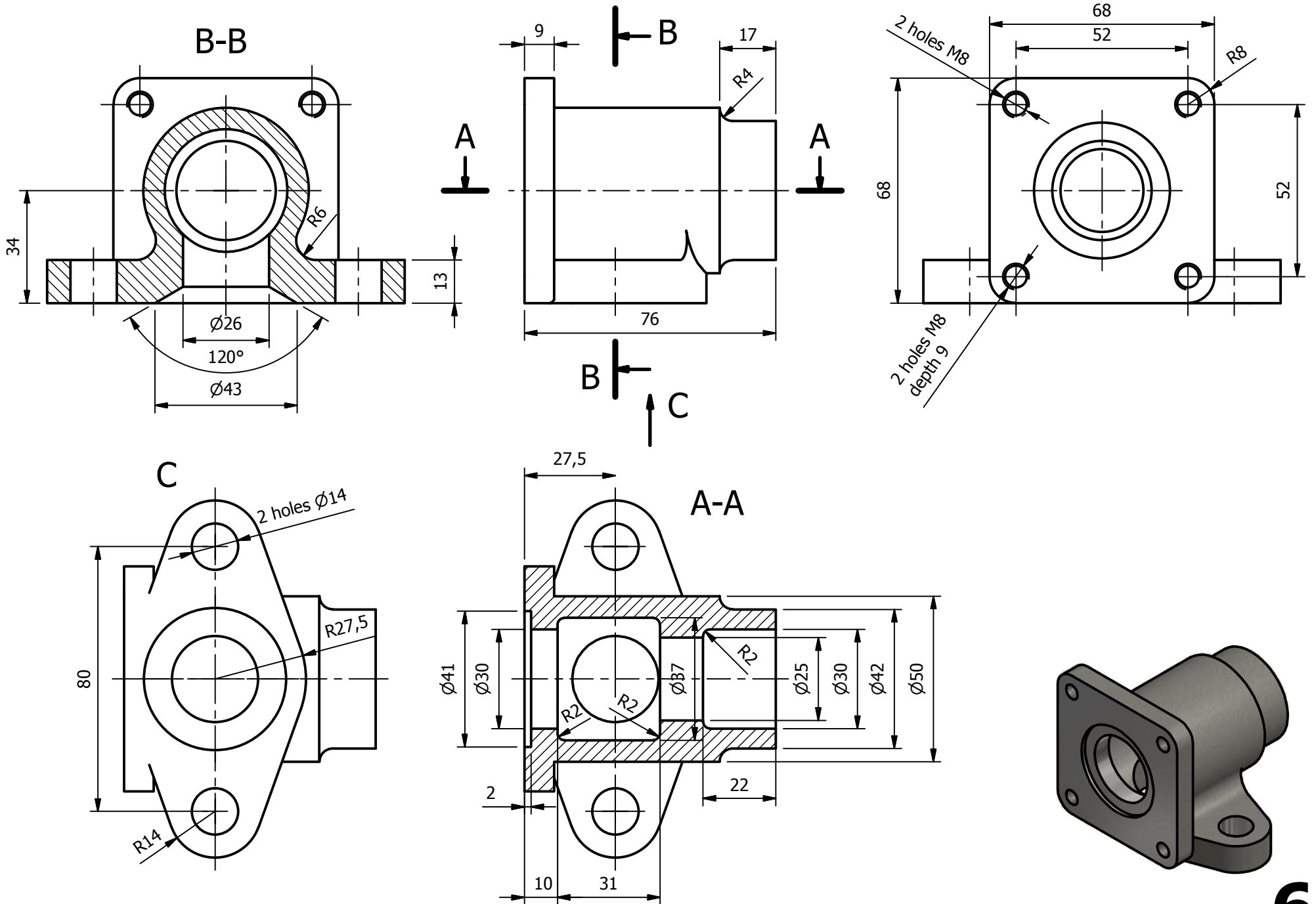




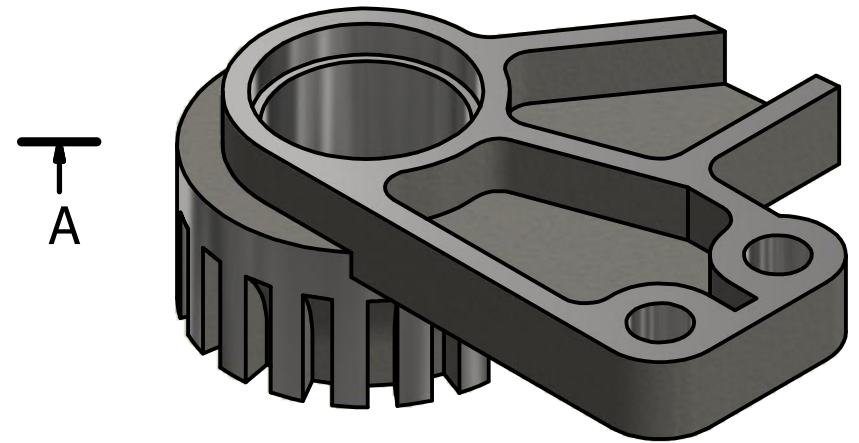
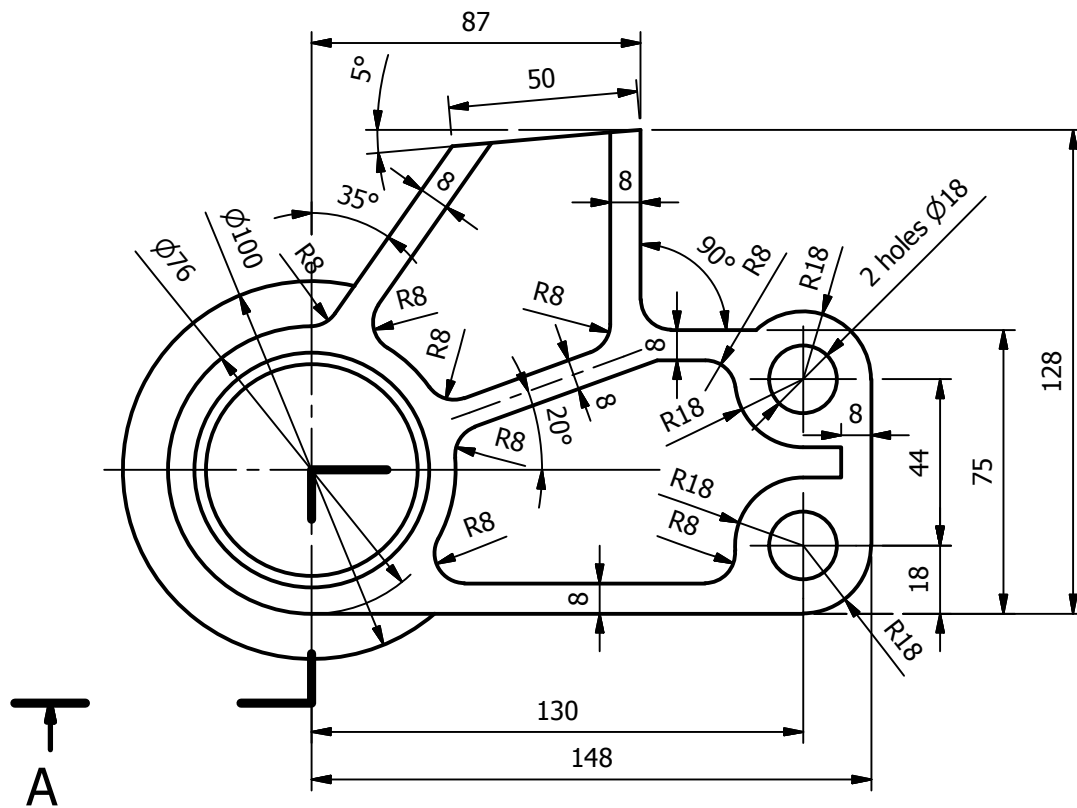
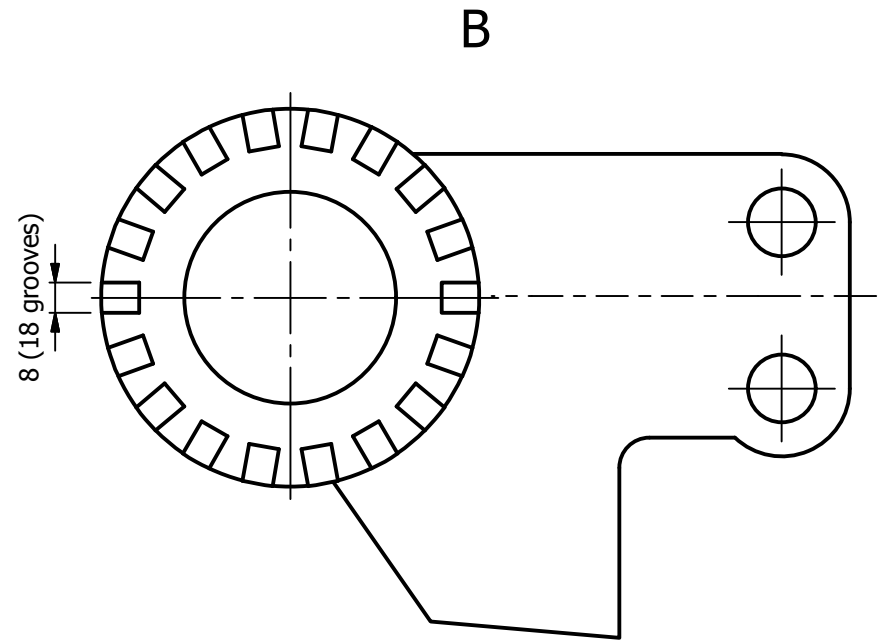
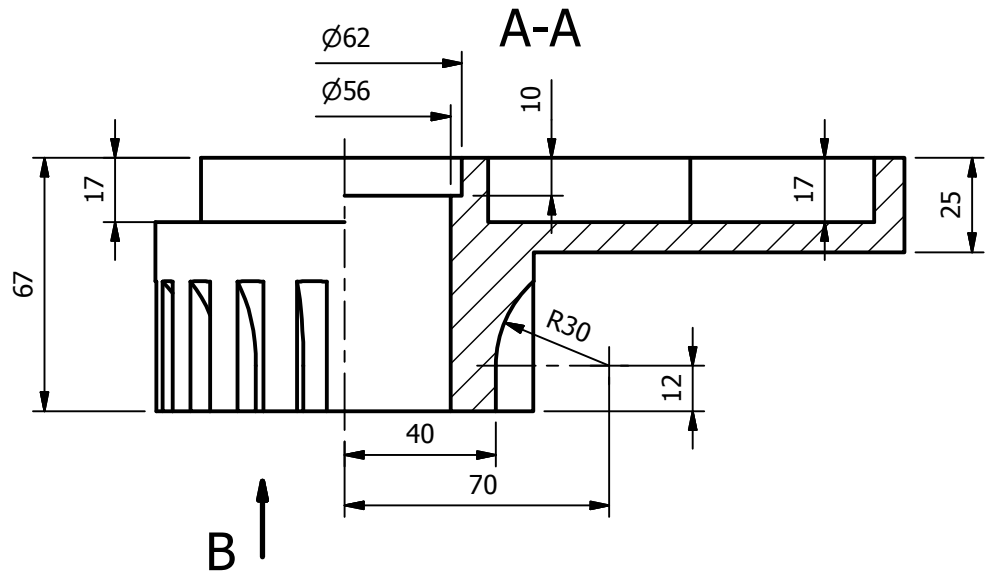


416914.753 mm³

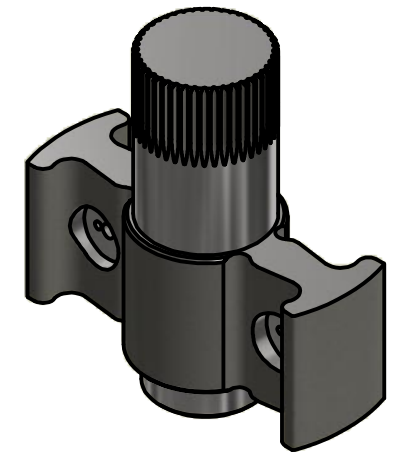
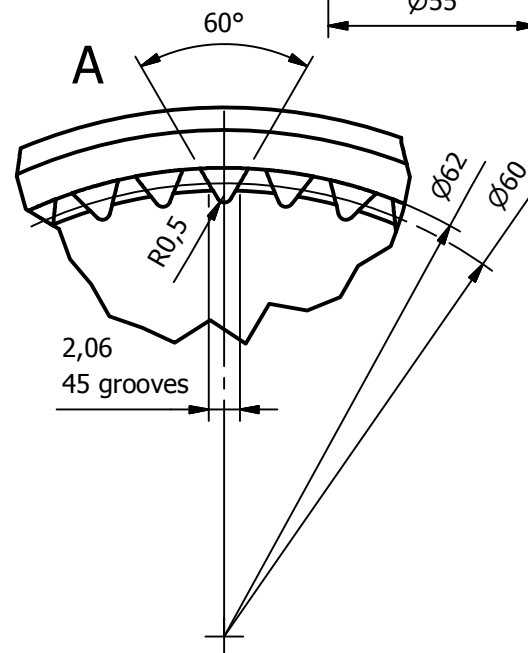
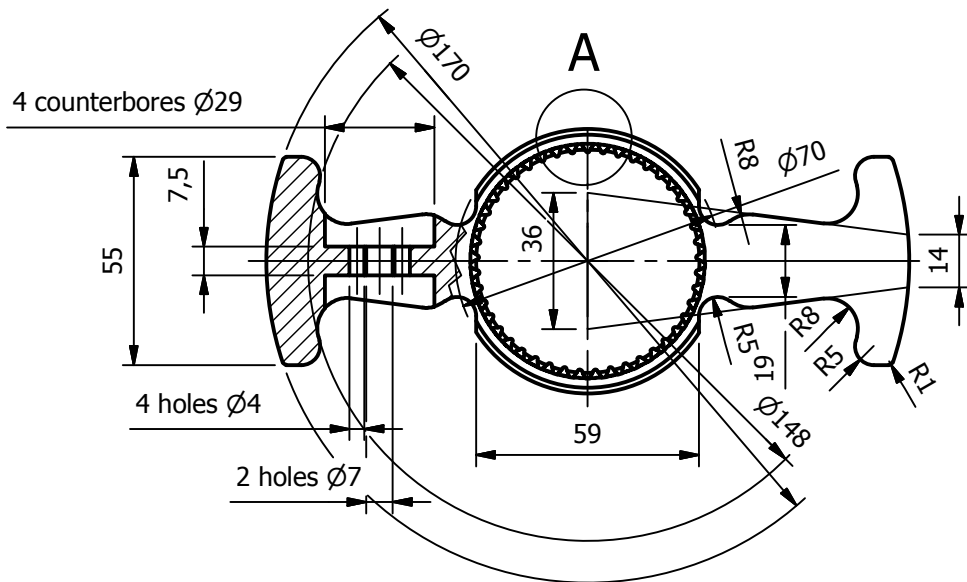
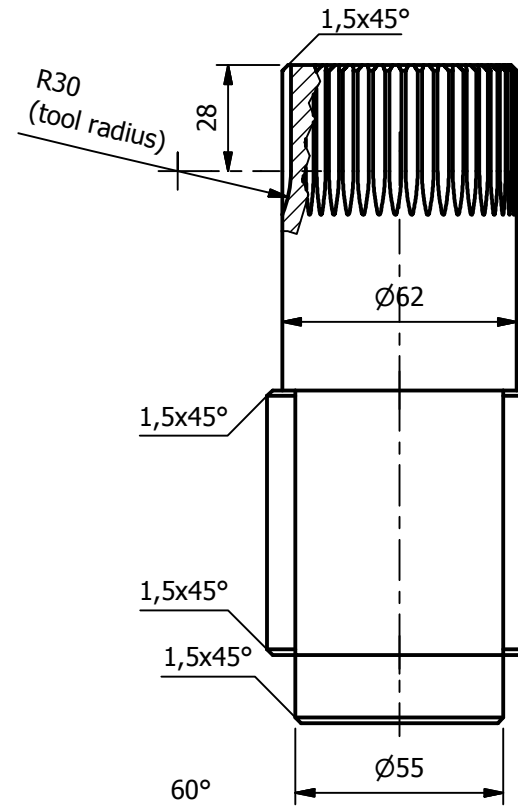
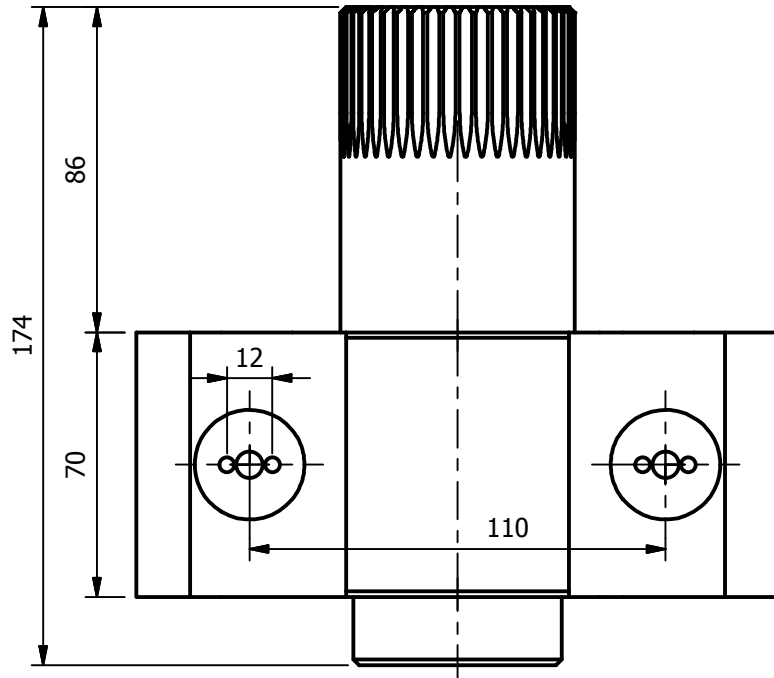




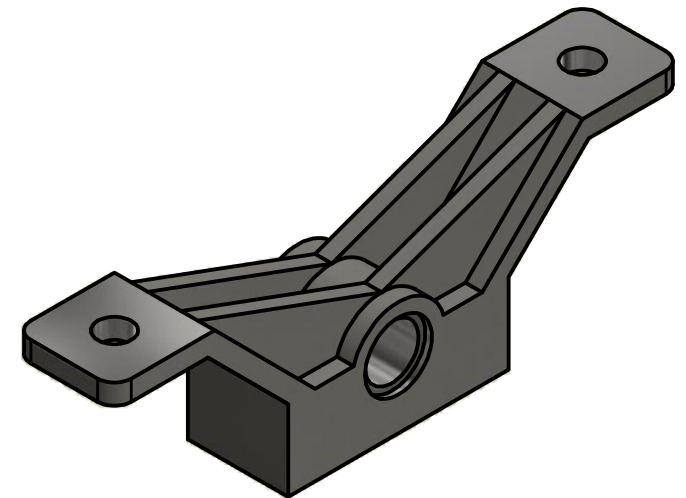
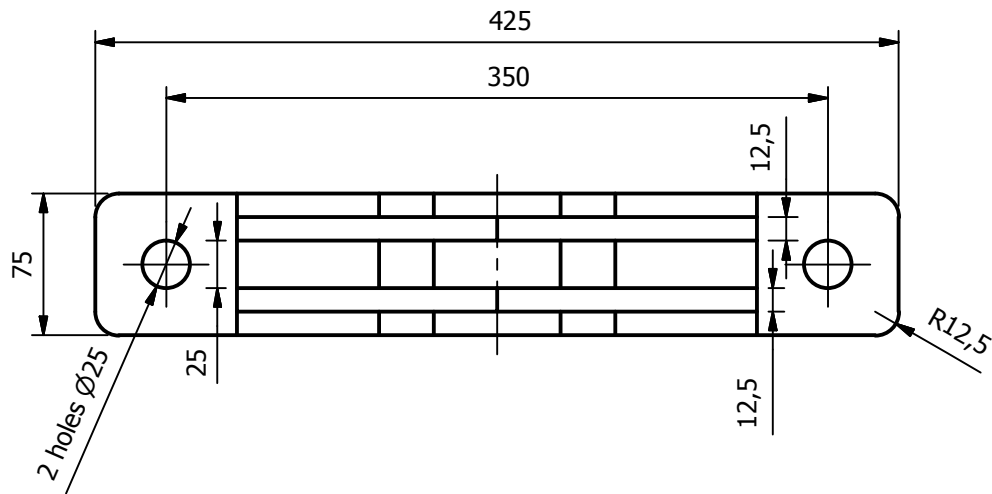
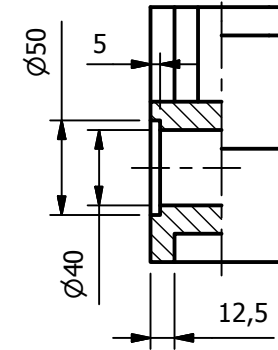
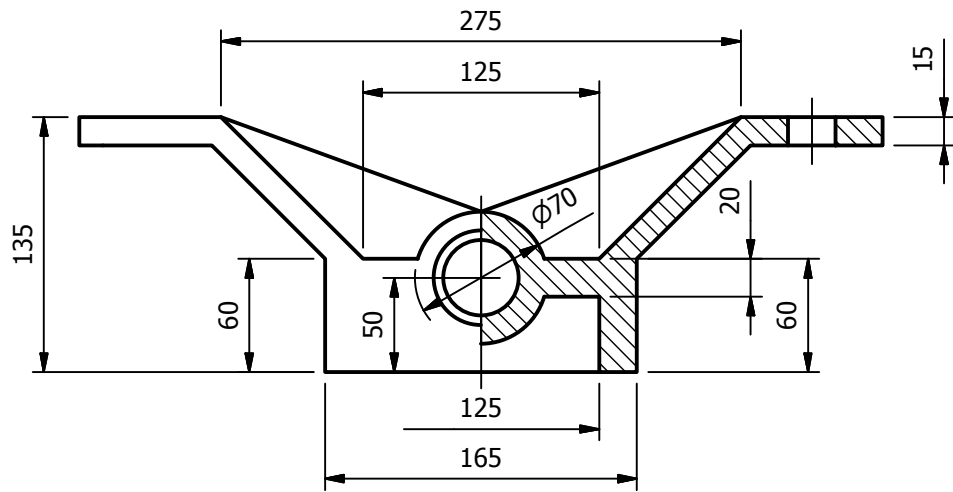
132724.206 mm³

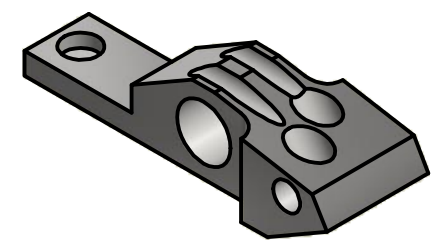
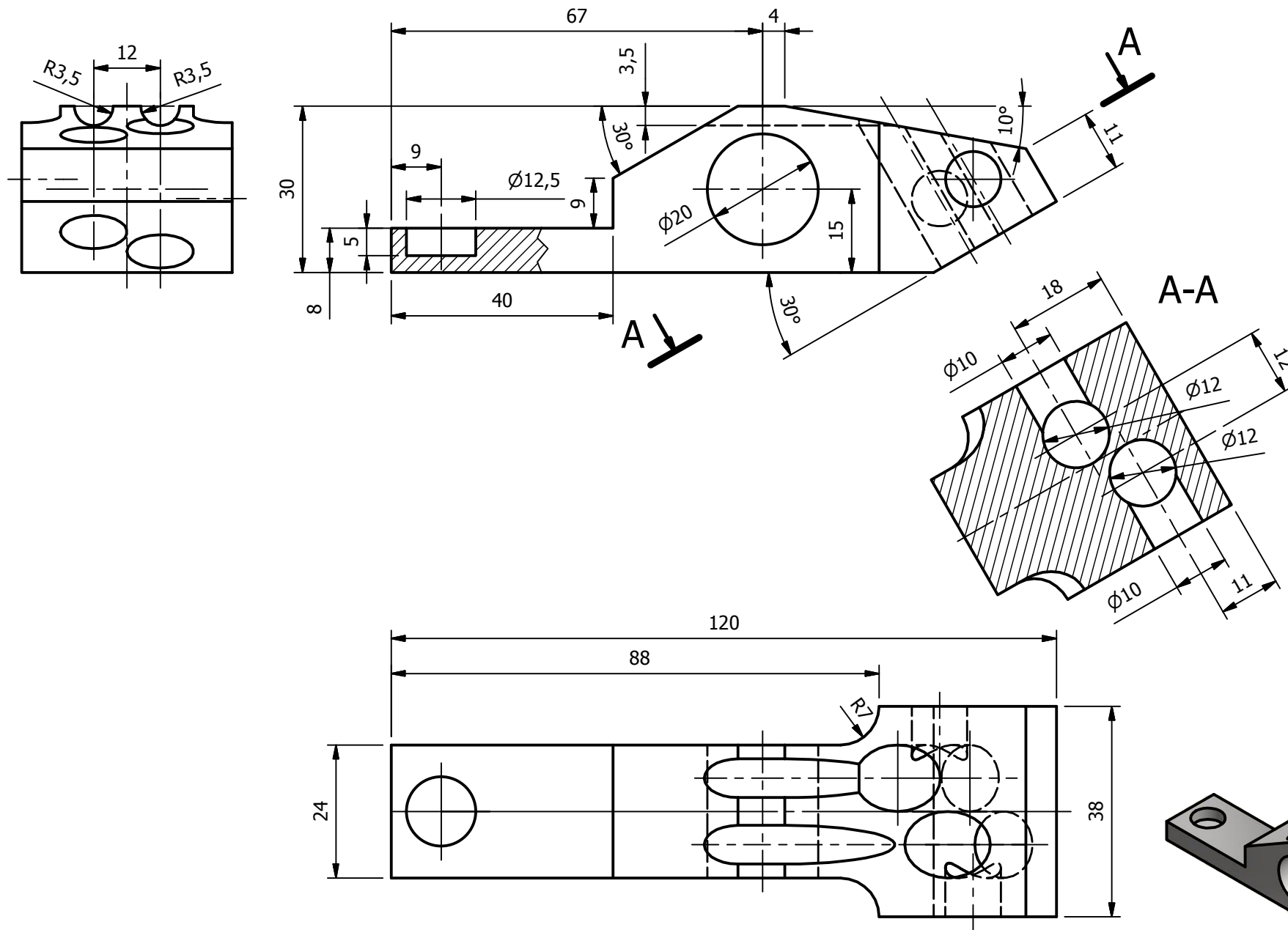


415970.176 mm³

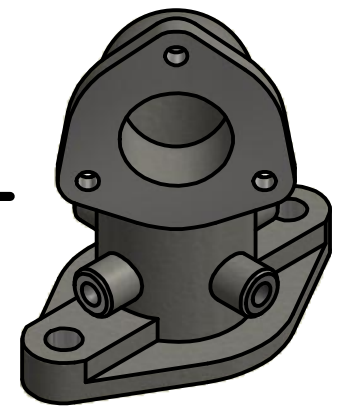
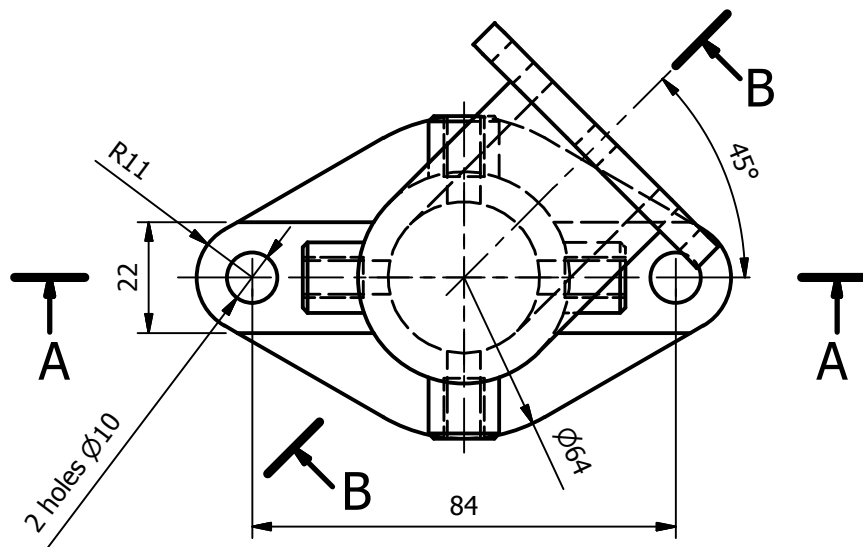
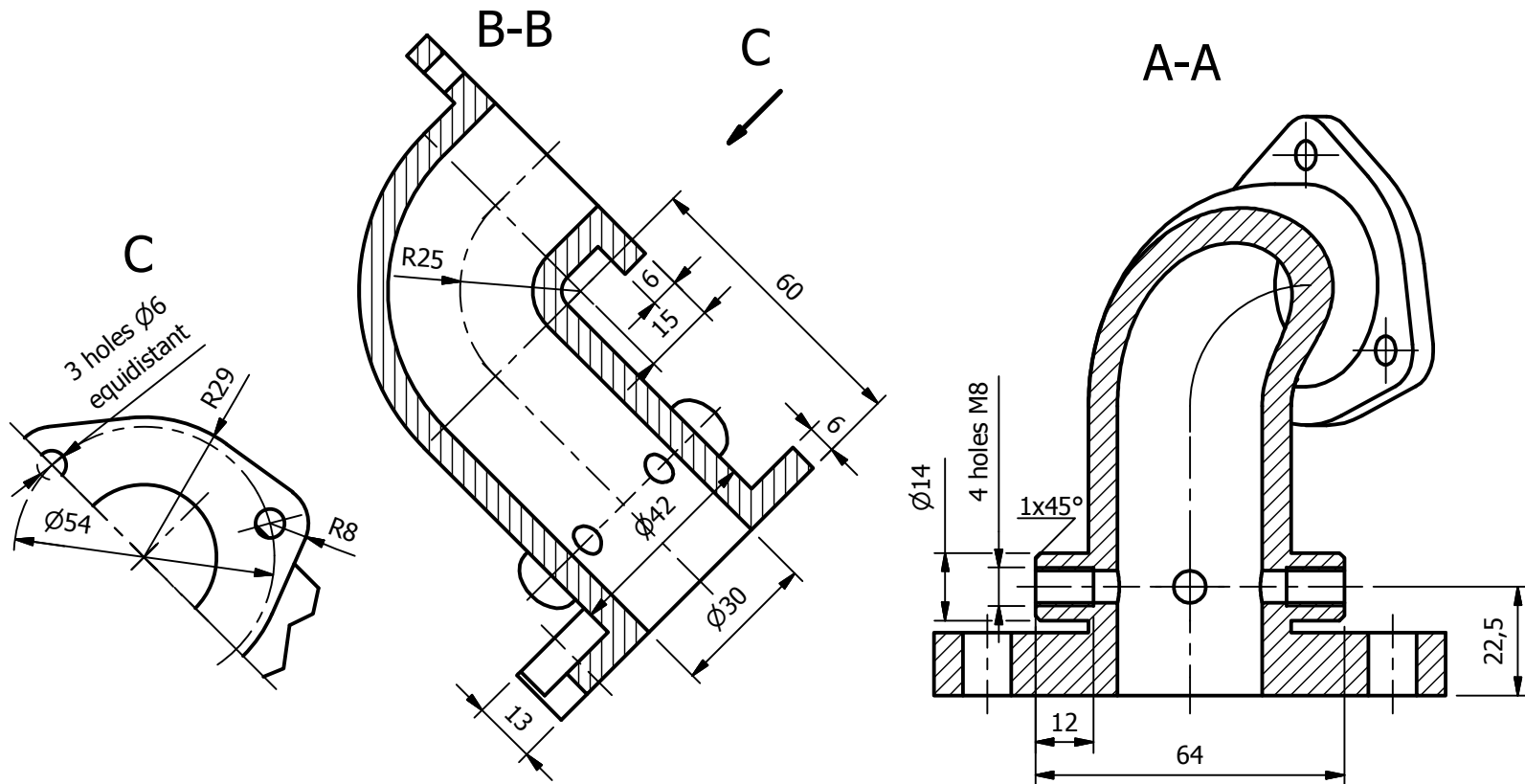


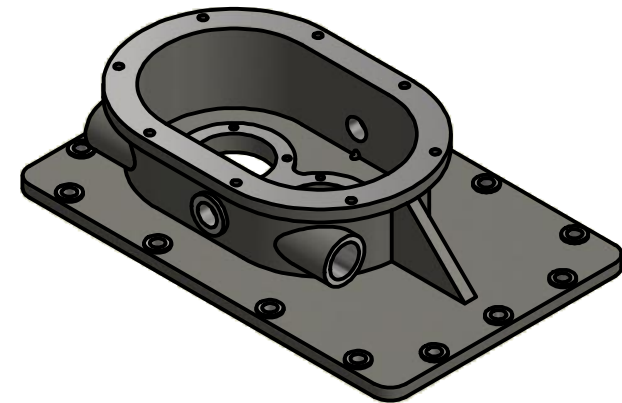
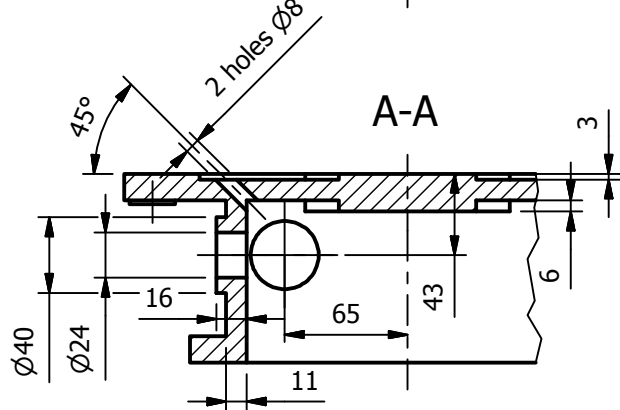
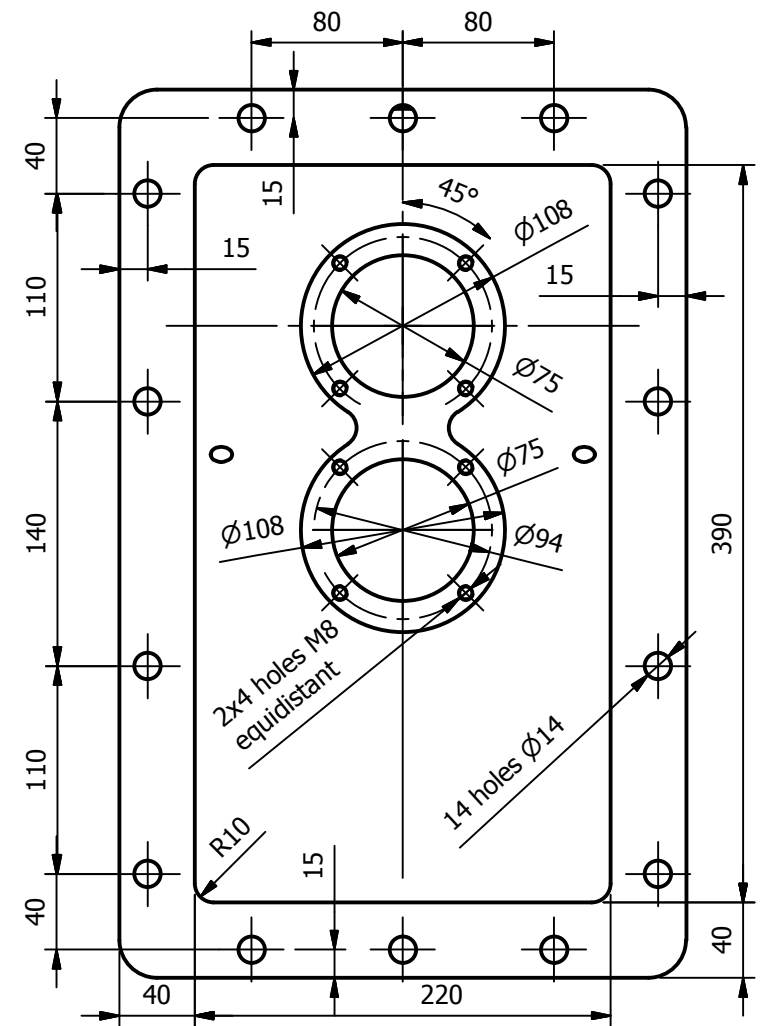
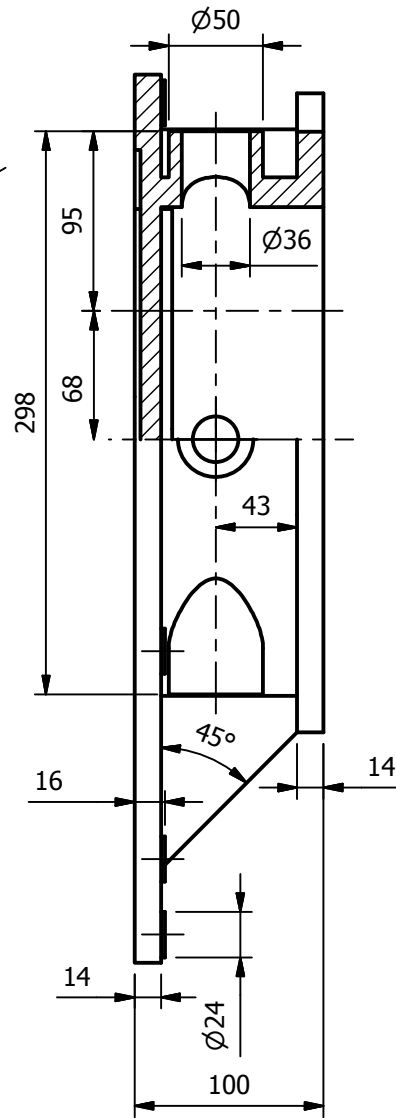
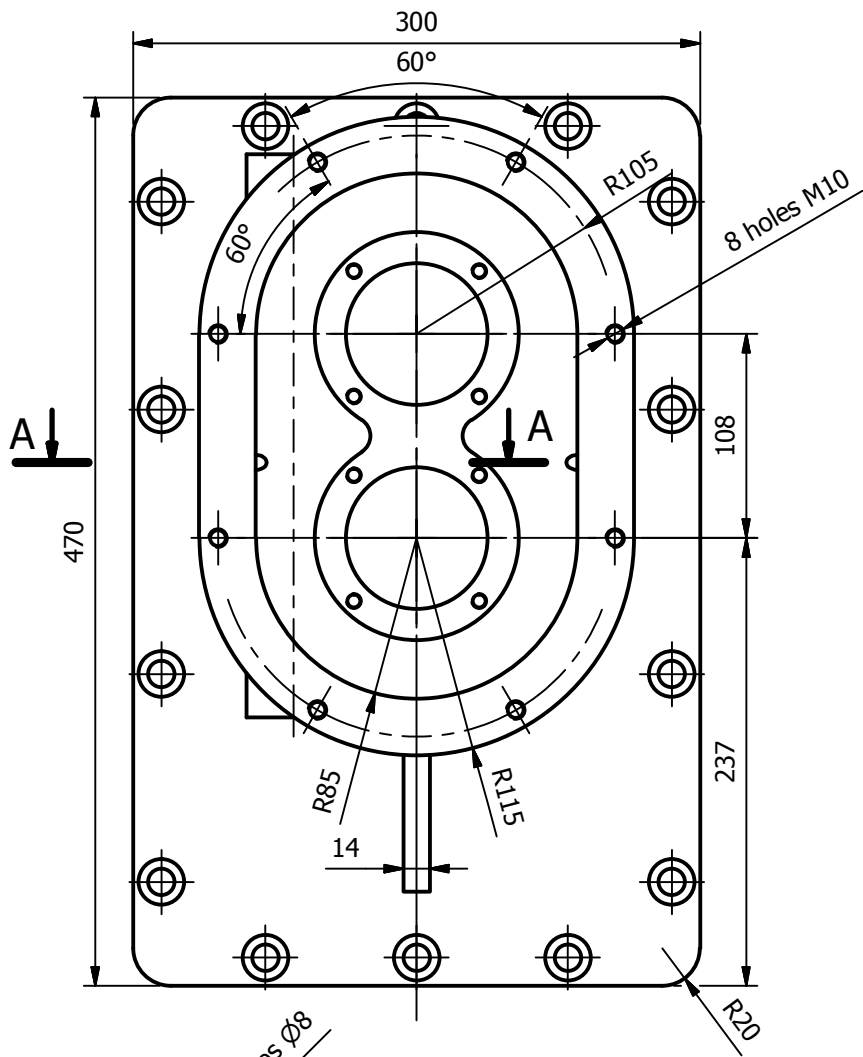
747534.832 mm³



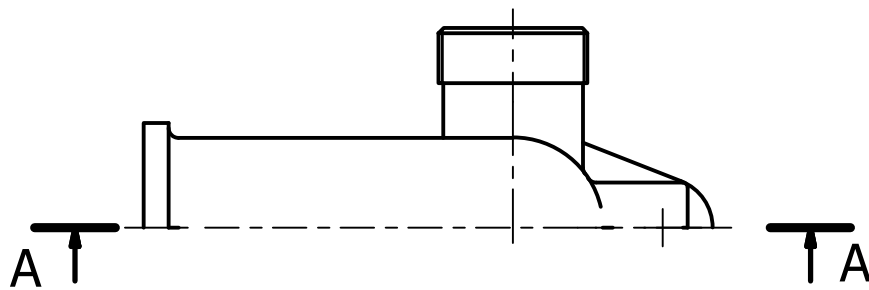
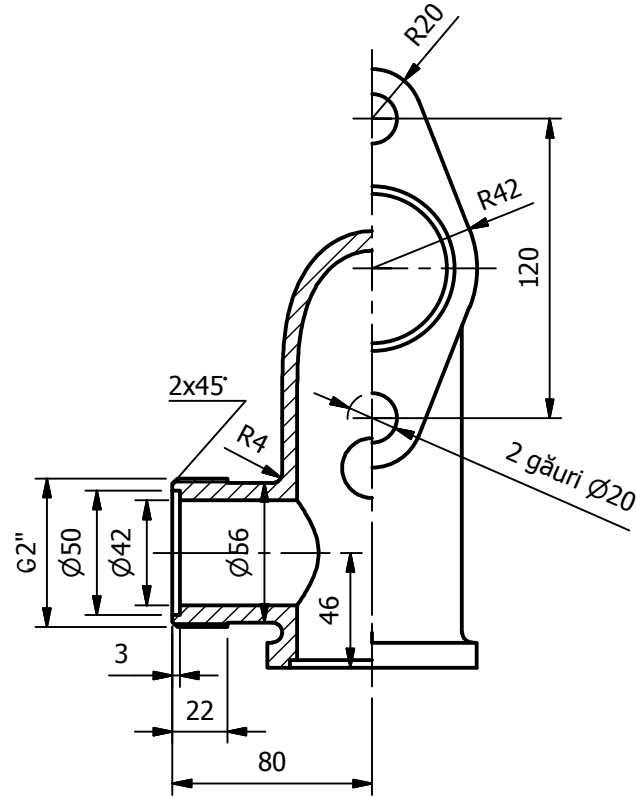
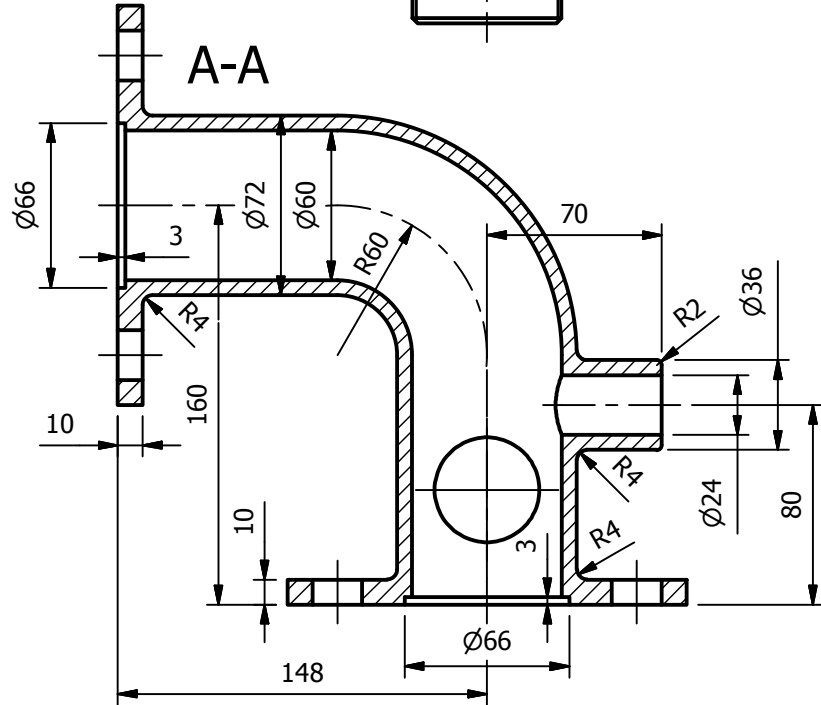
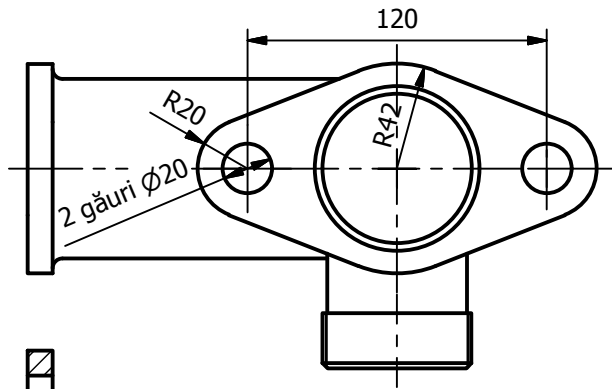


46485.411 mm³

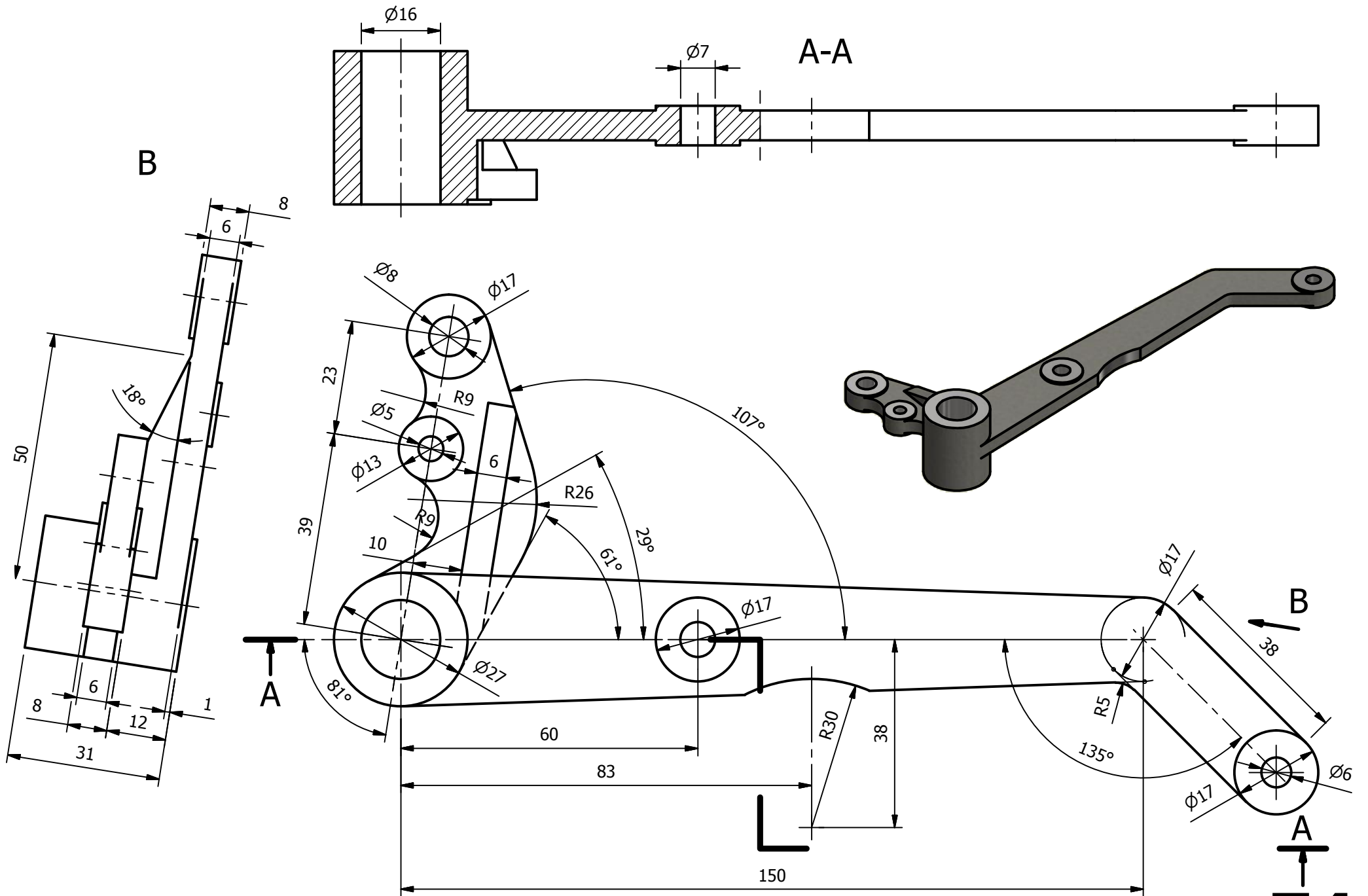




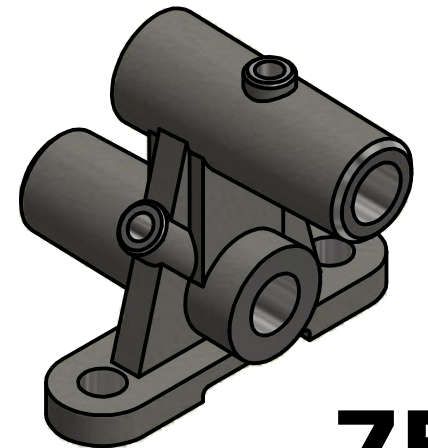
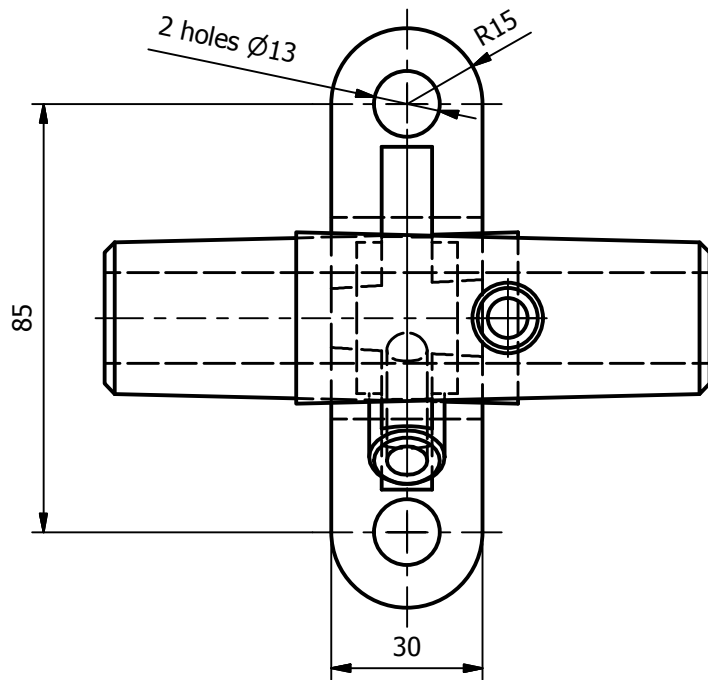
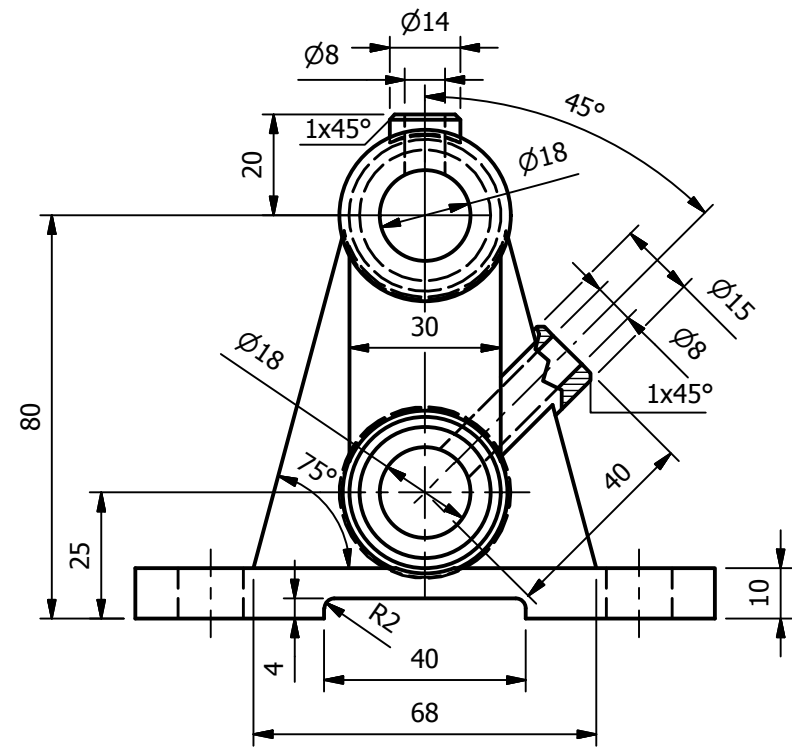
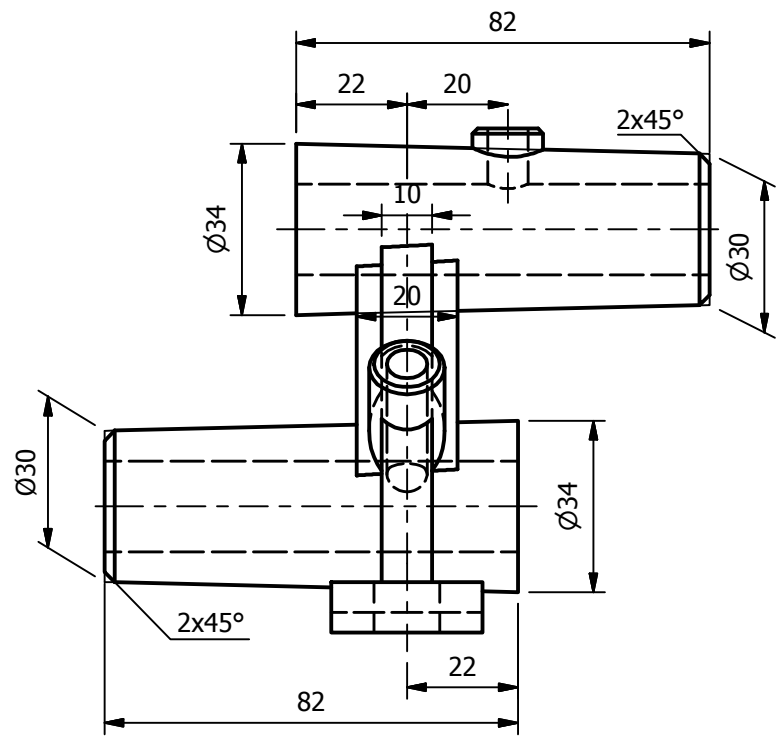
2714866.225 mm^3



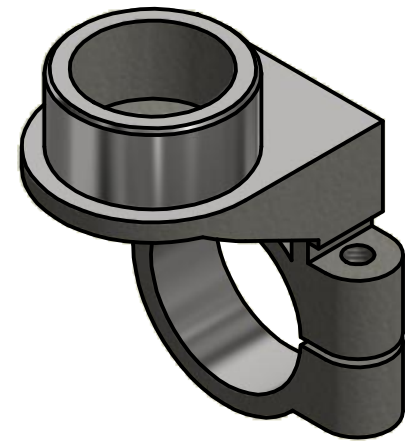
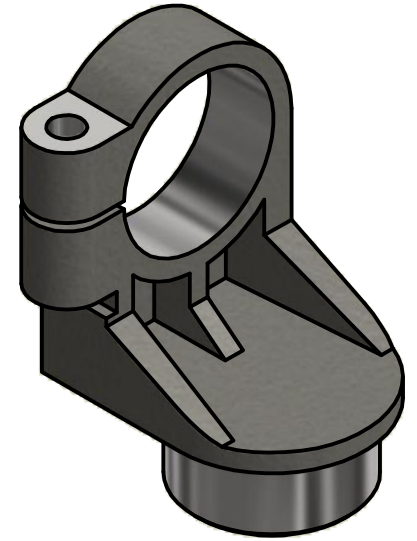
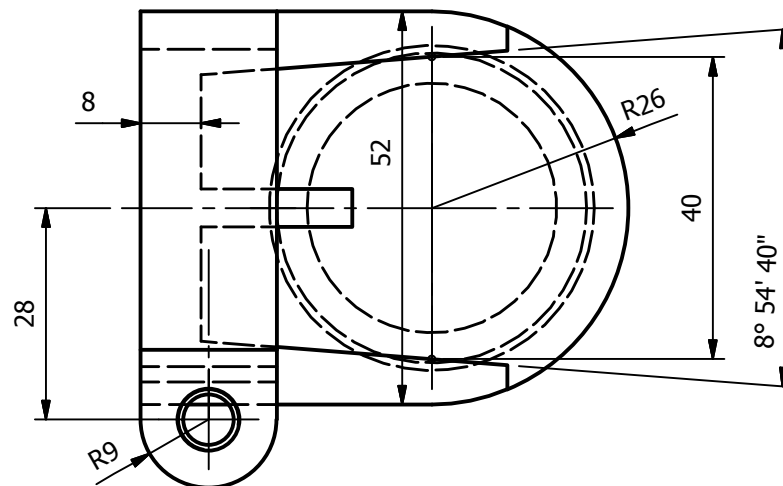
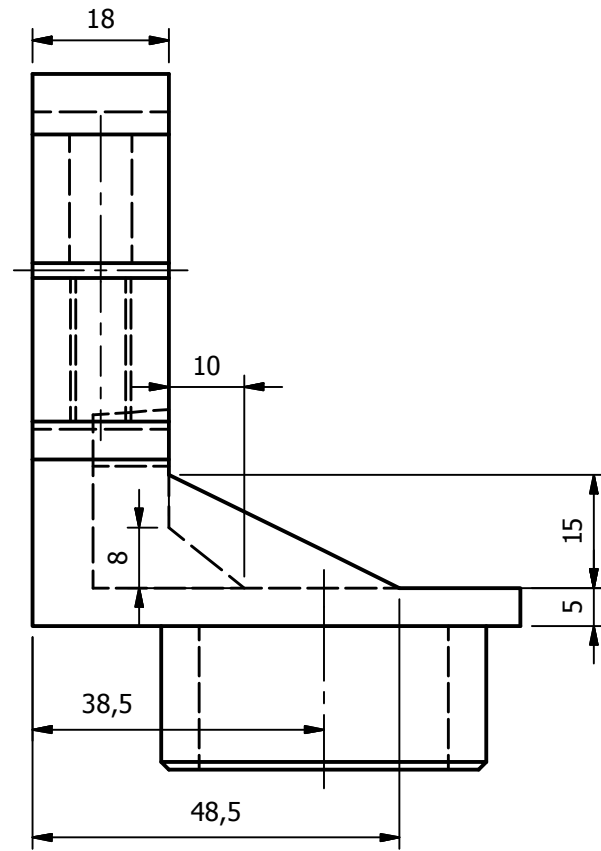
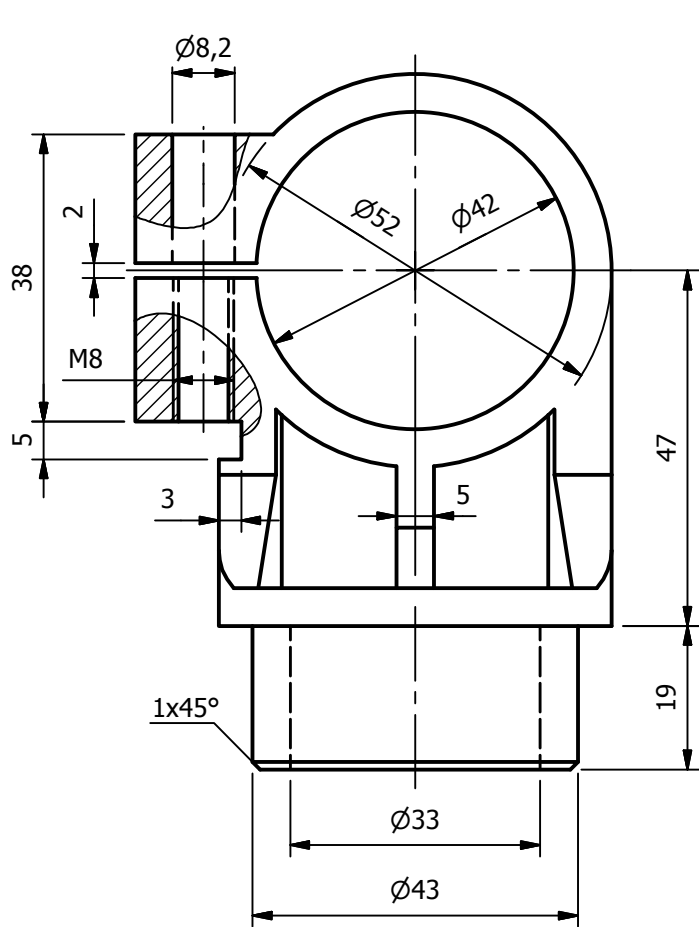
505885.027 mm³

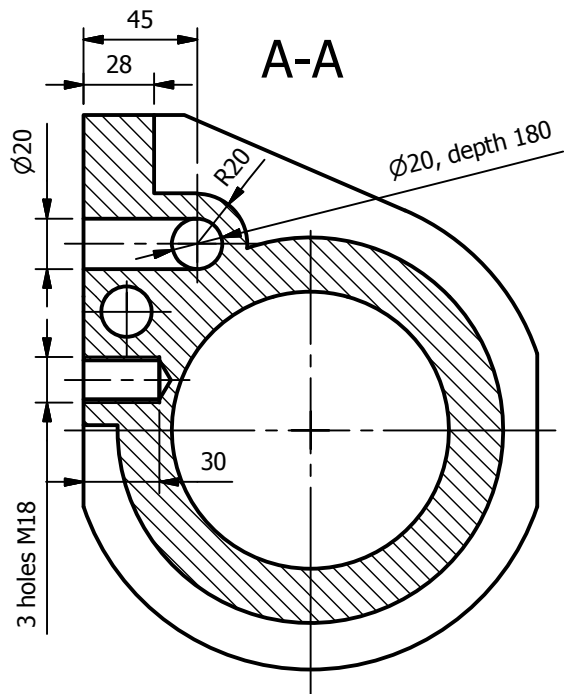


43373.133 mm³

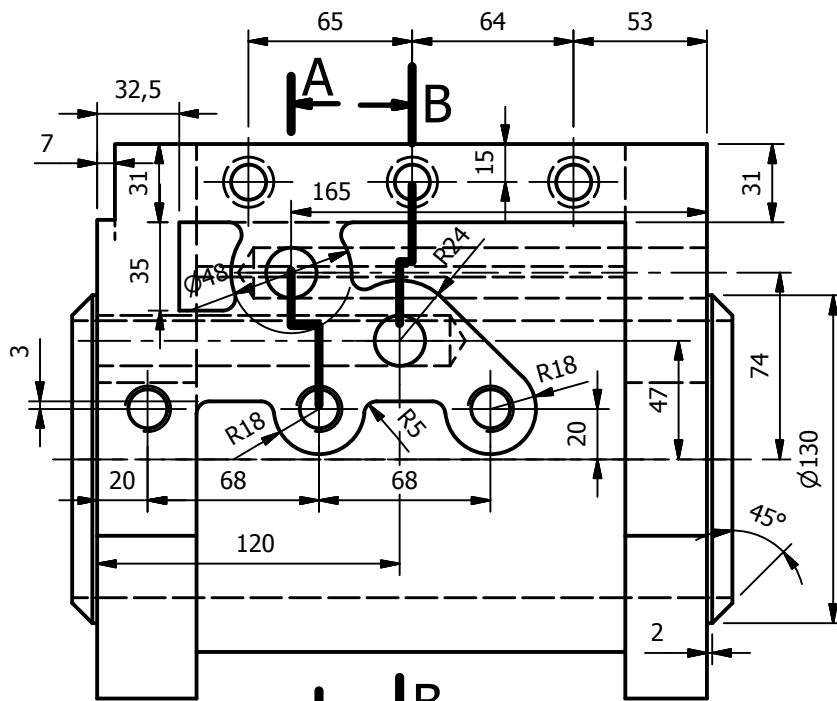
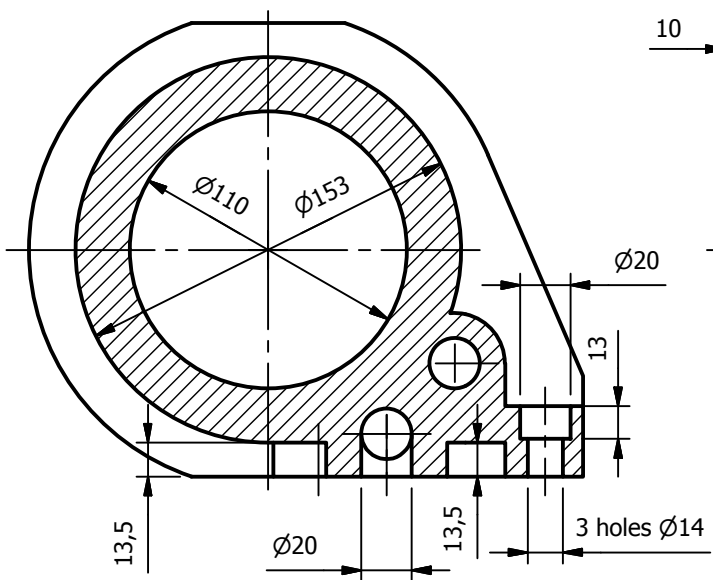


144993.492 mm³

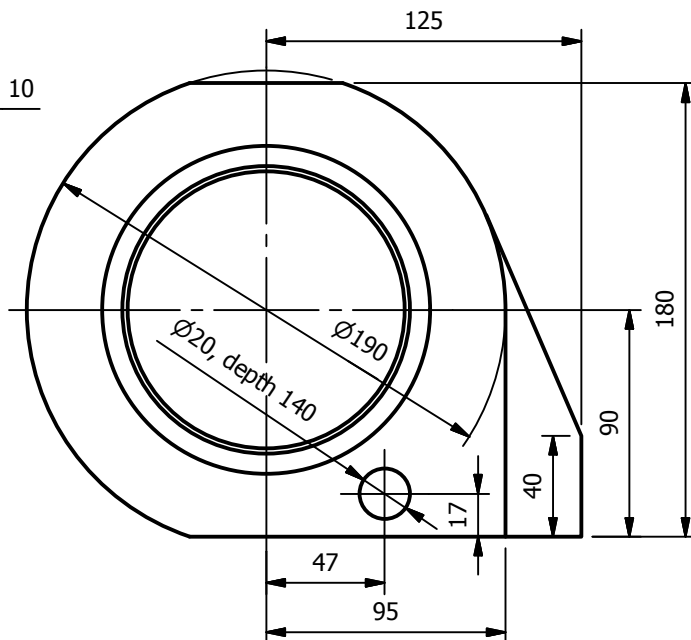
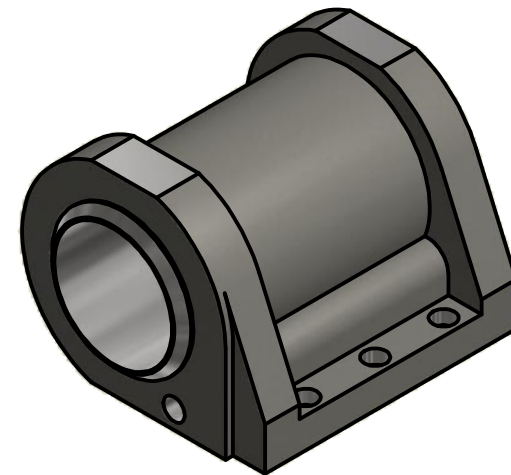
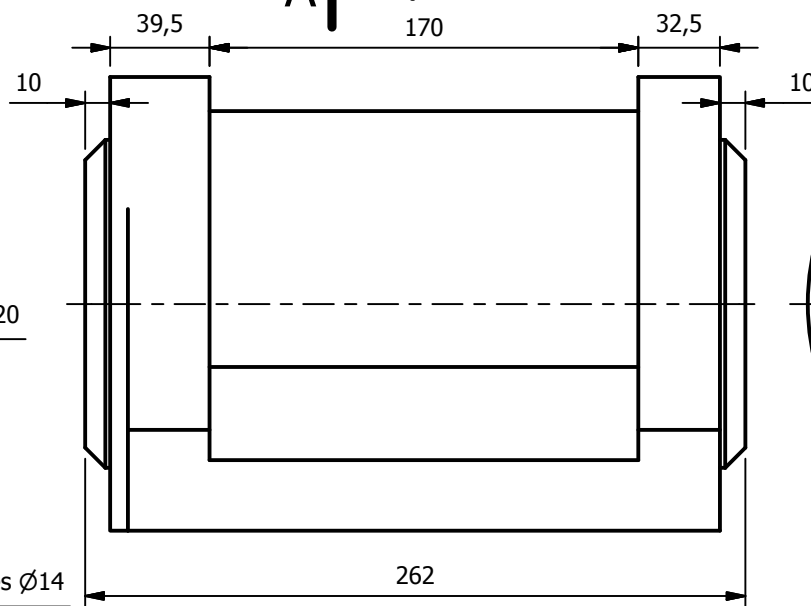


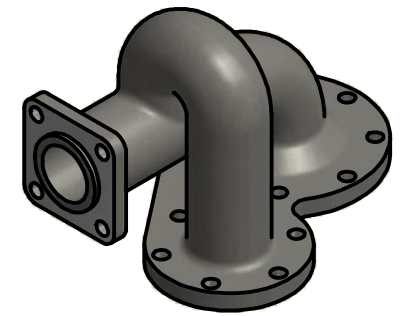
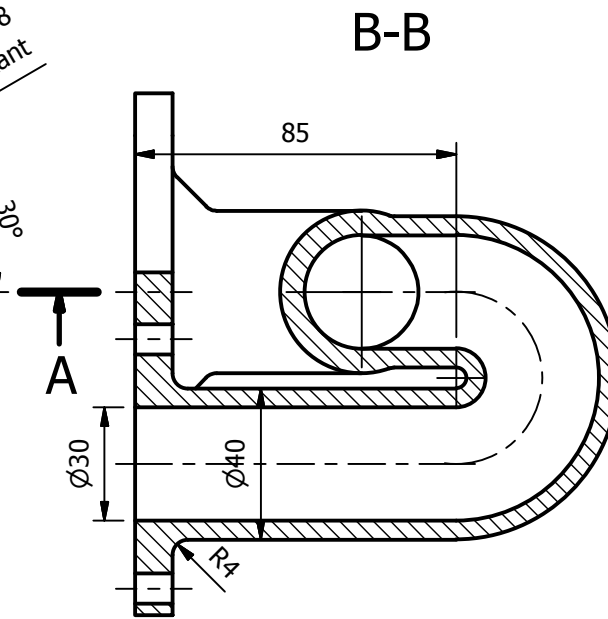
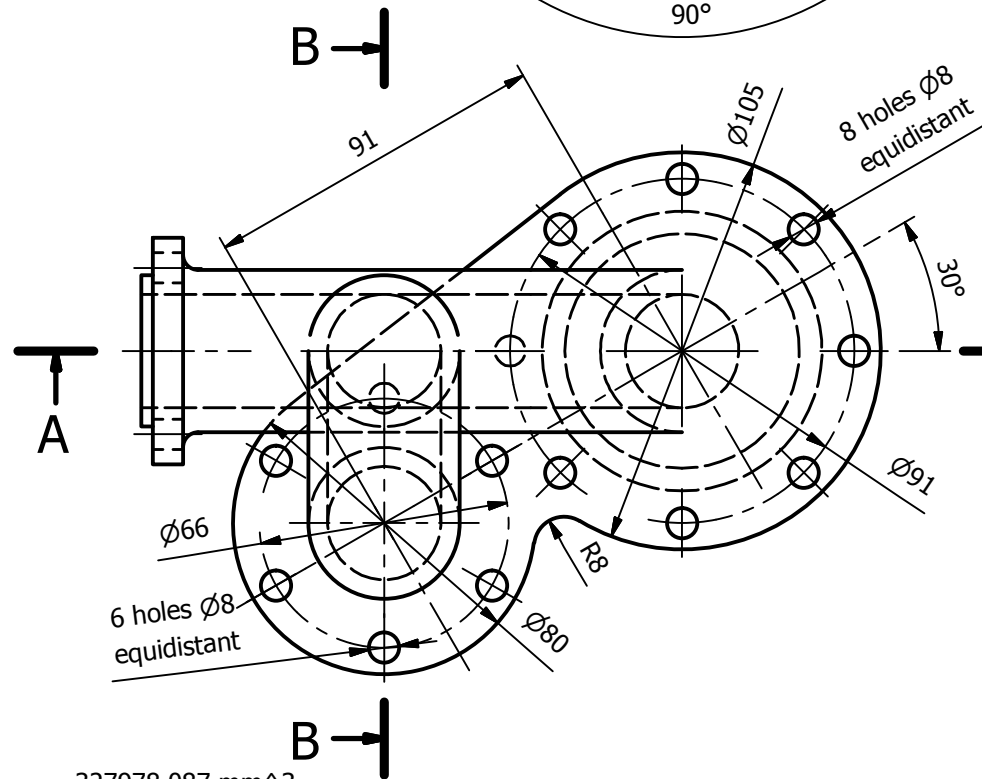
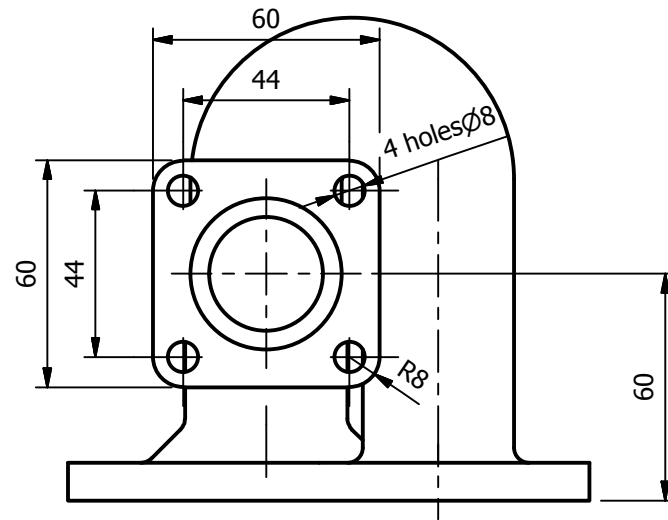
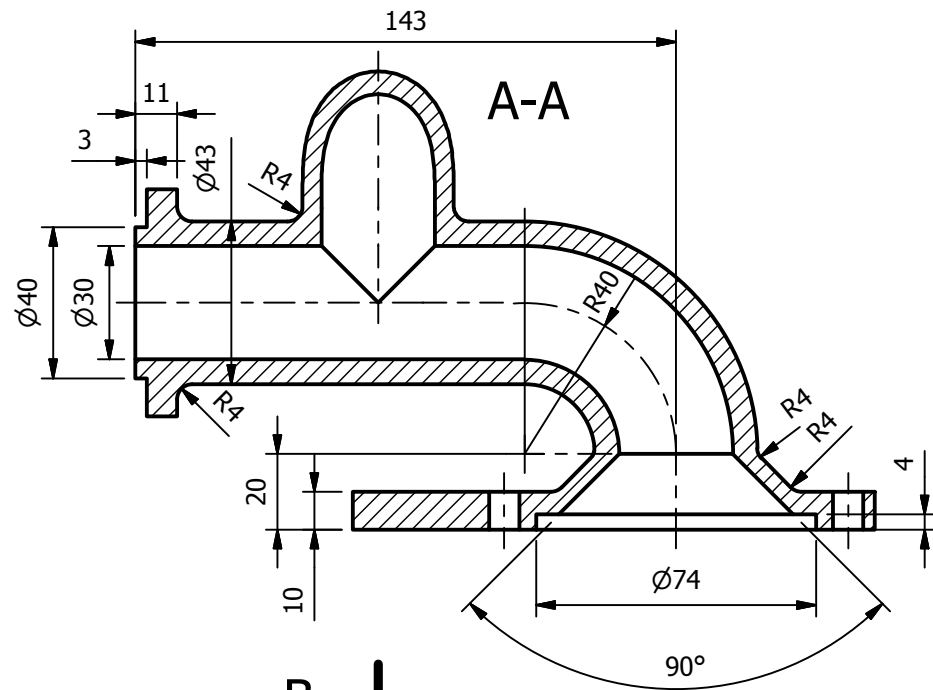


B-B (rotated)

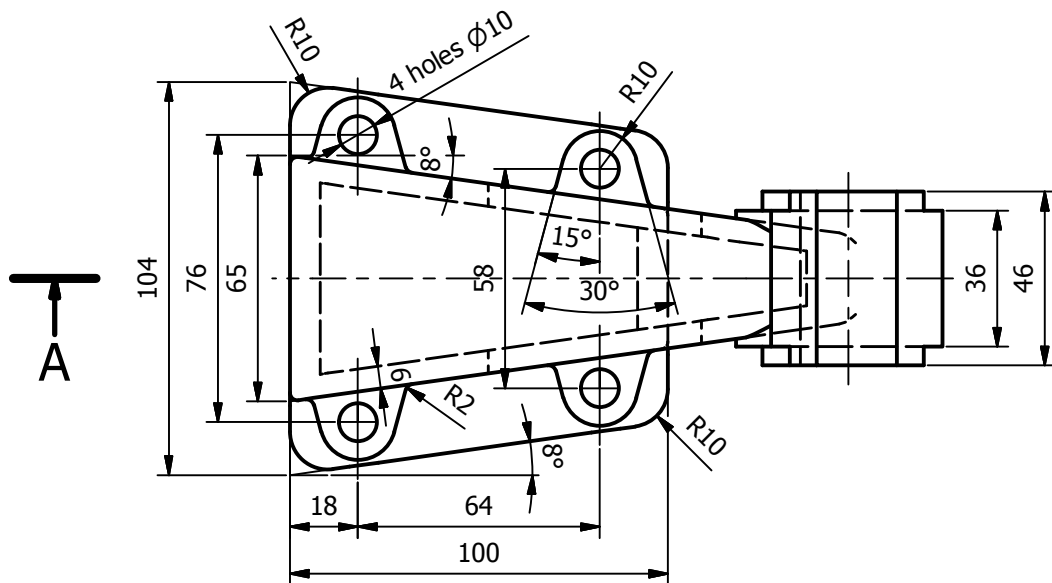
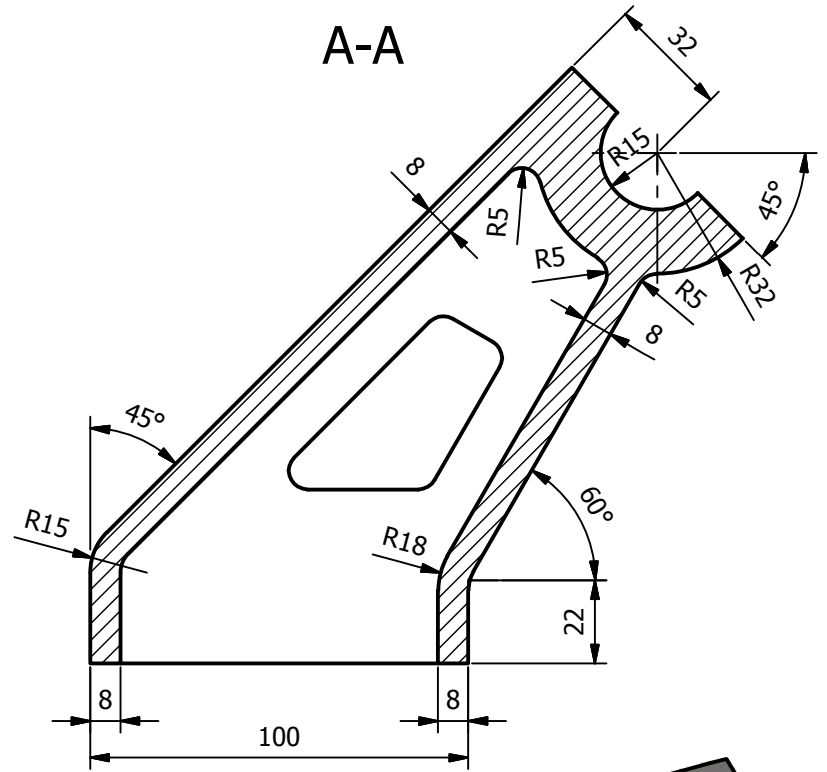
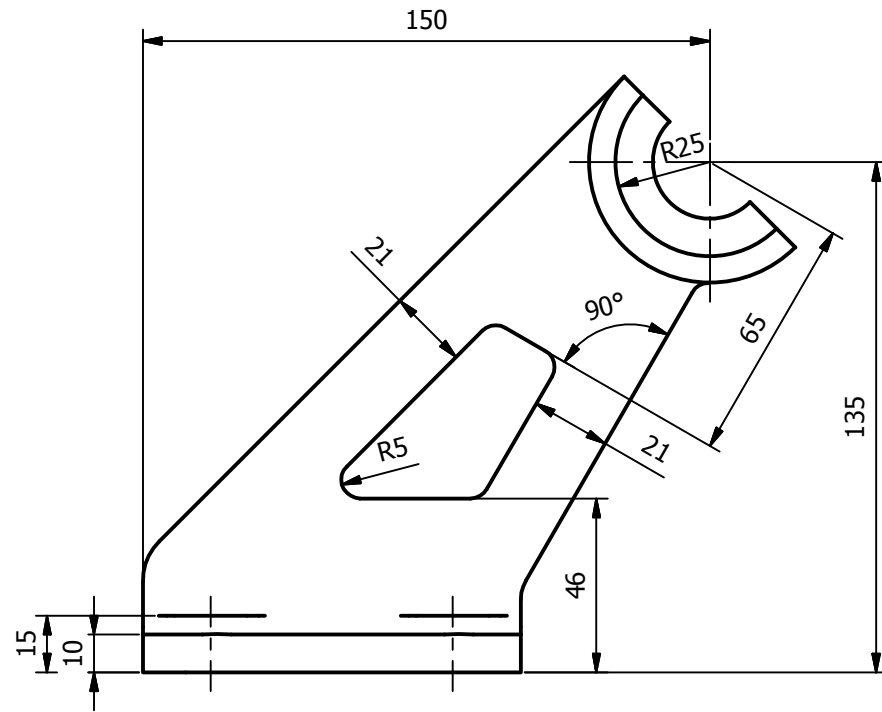


A-B

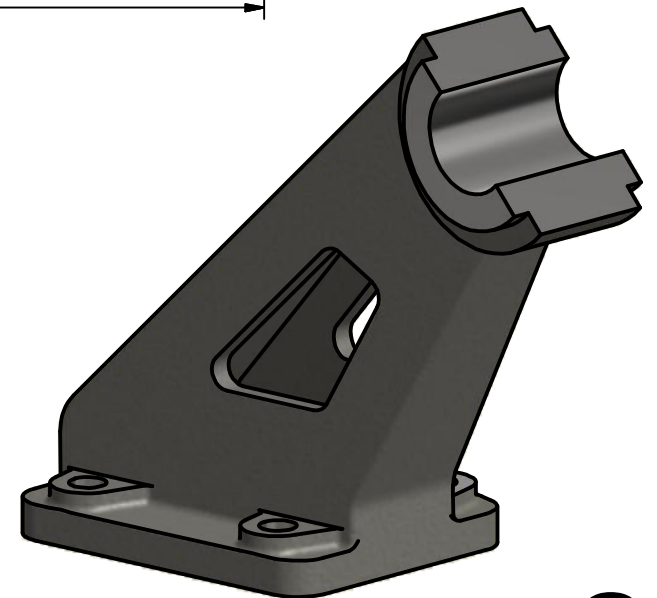




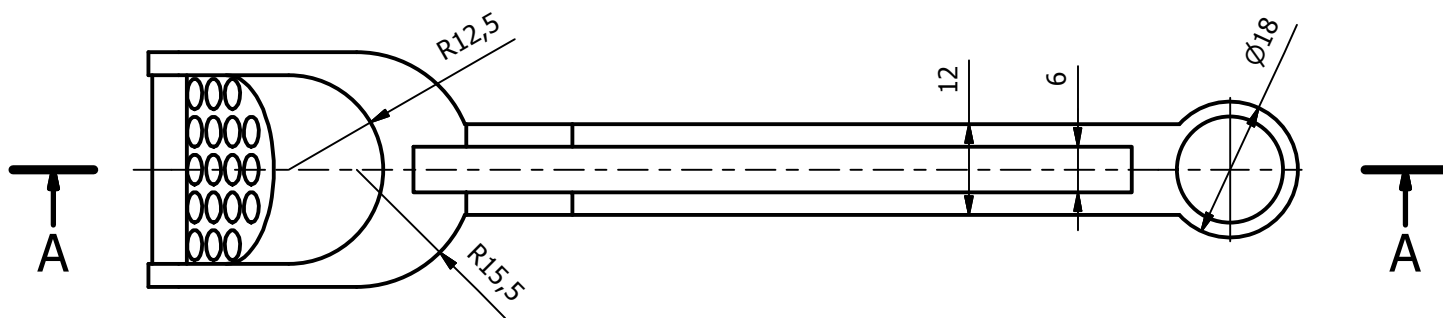
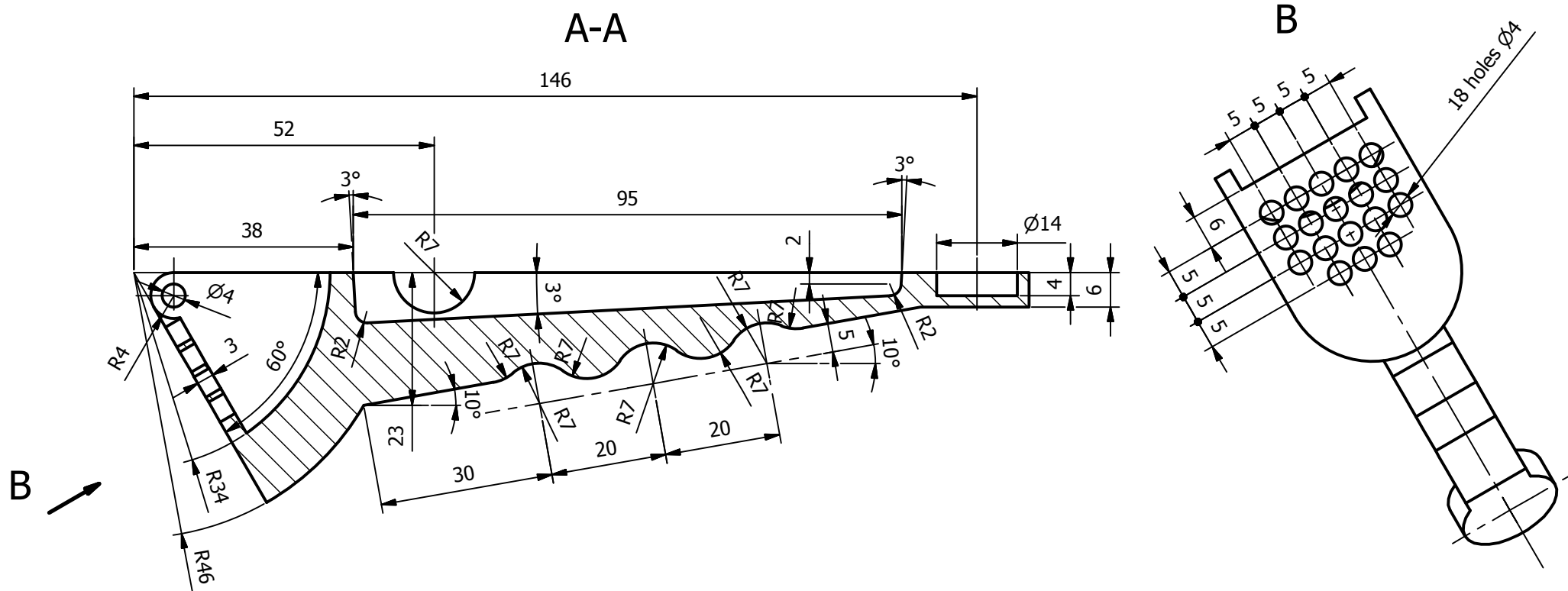
327978.087 mm³



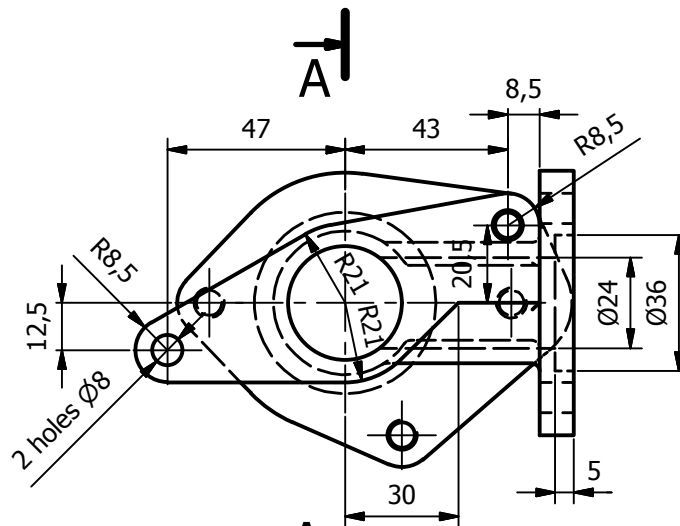
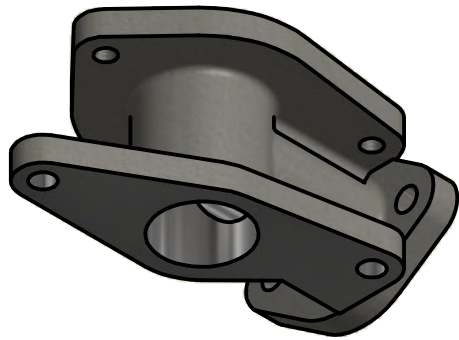
A



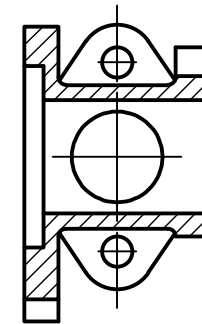
282809.640 mm³



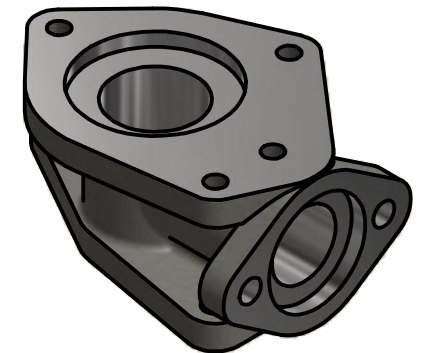
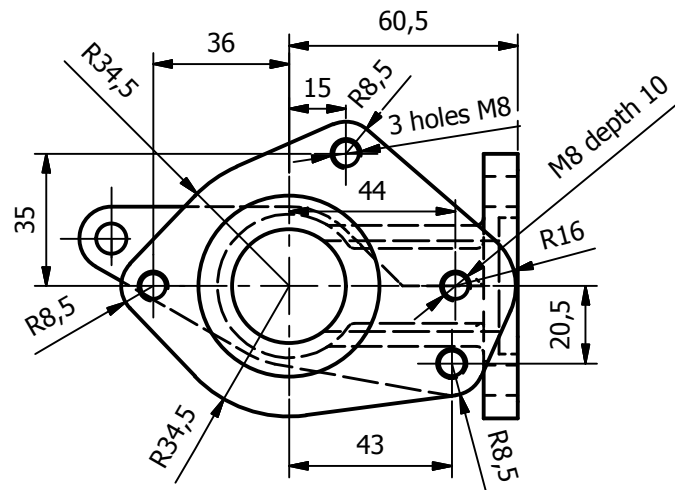
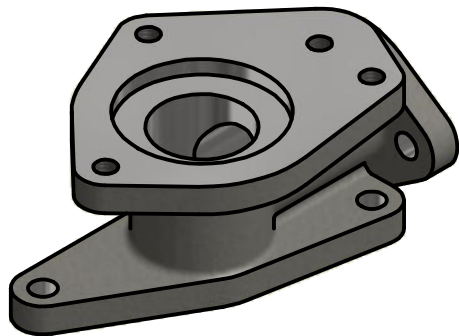
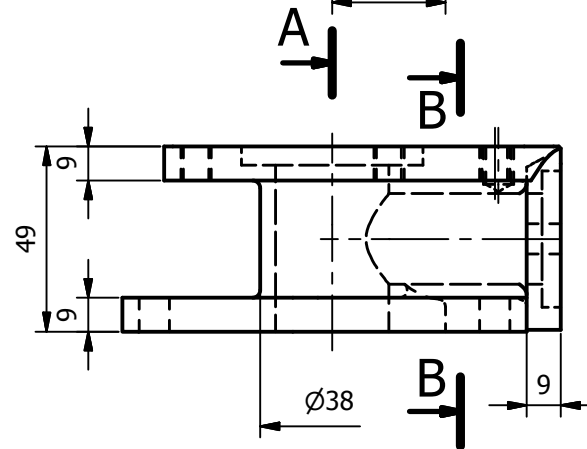
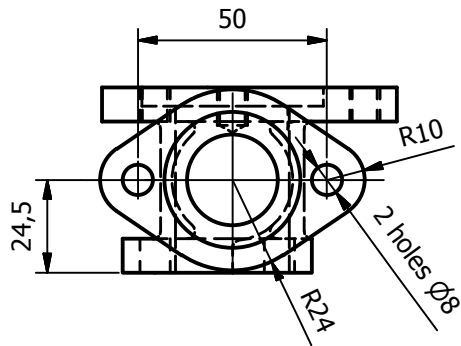
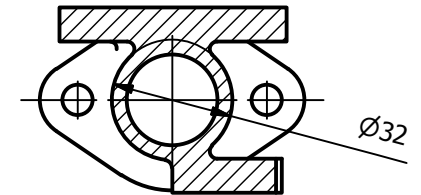
30158.883 mm³

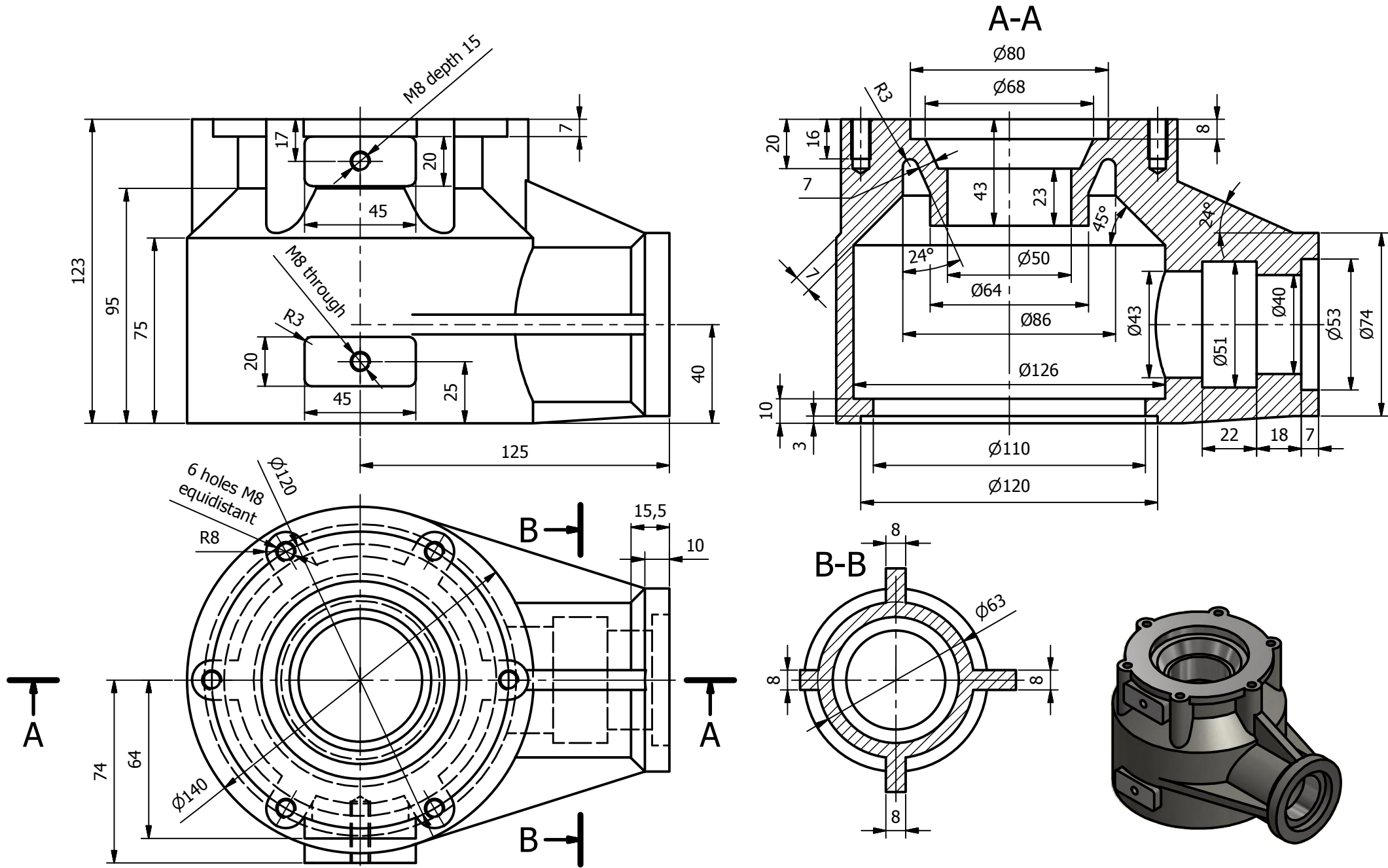


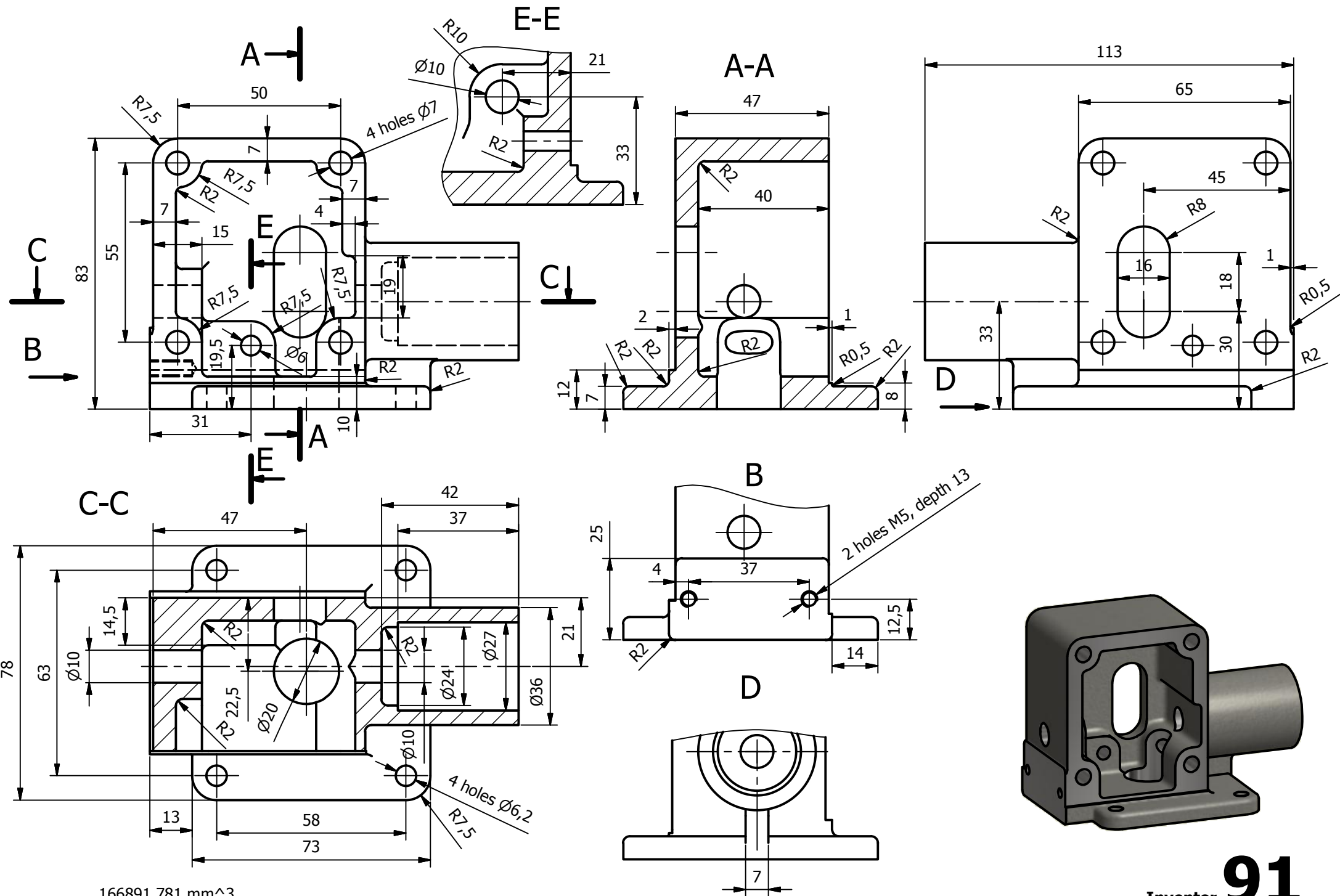
A-A



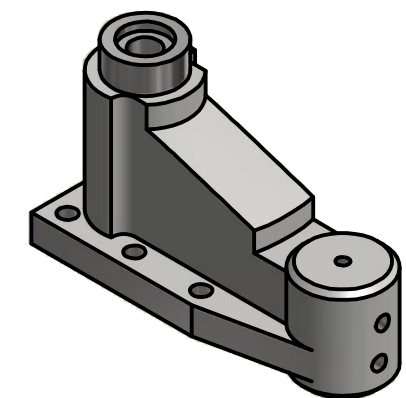
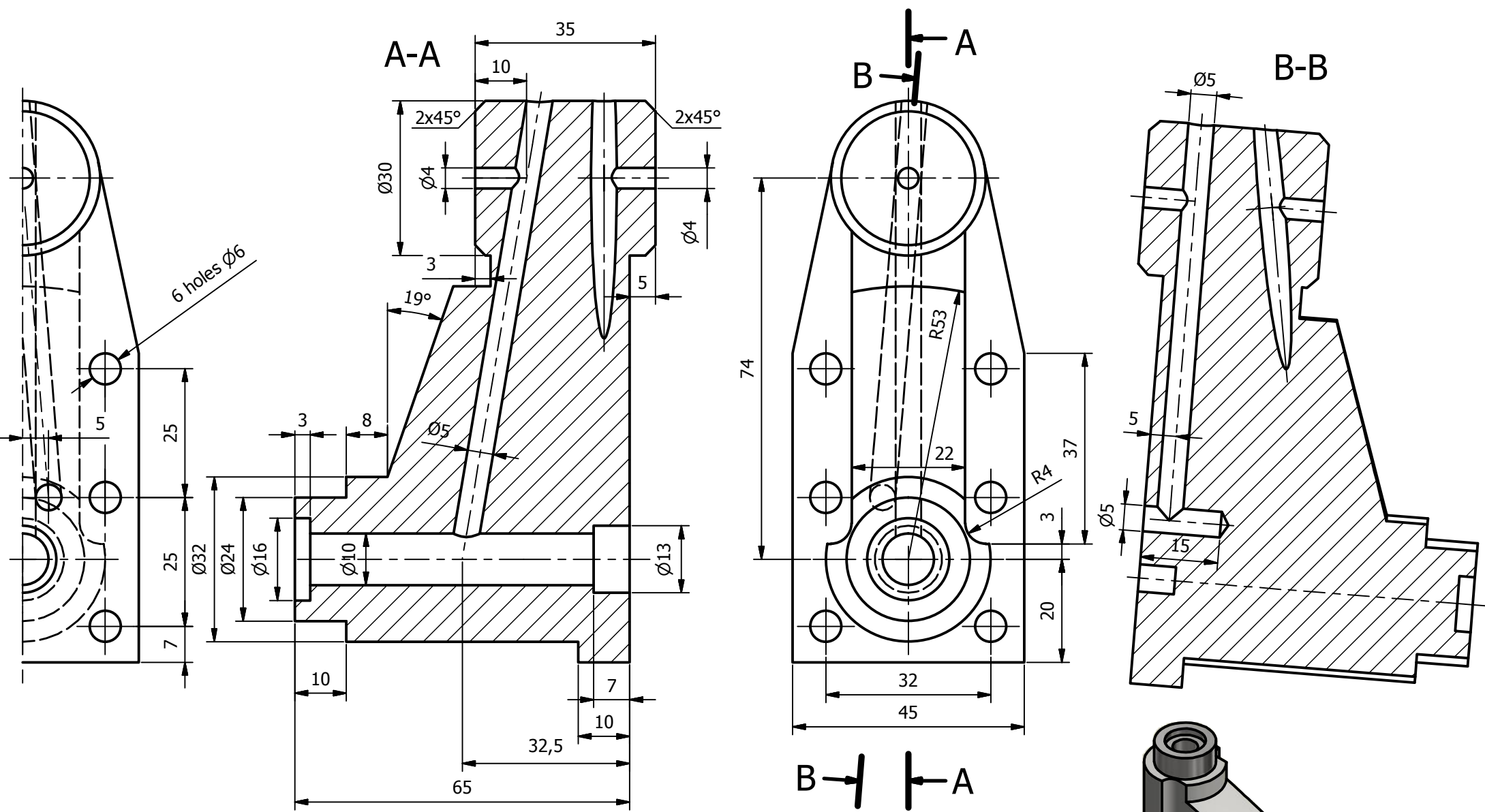
B-B



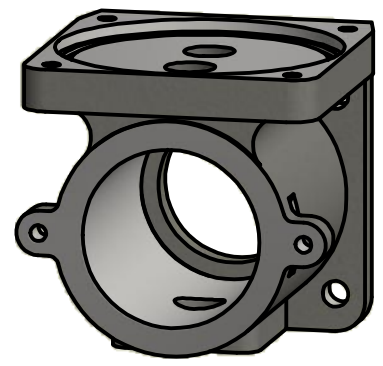
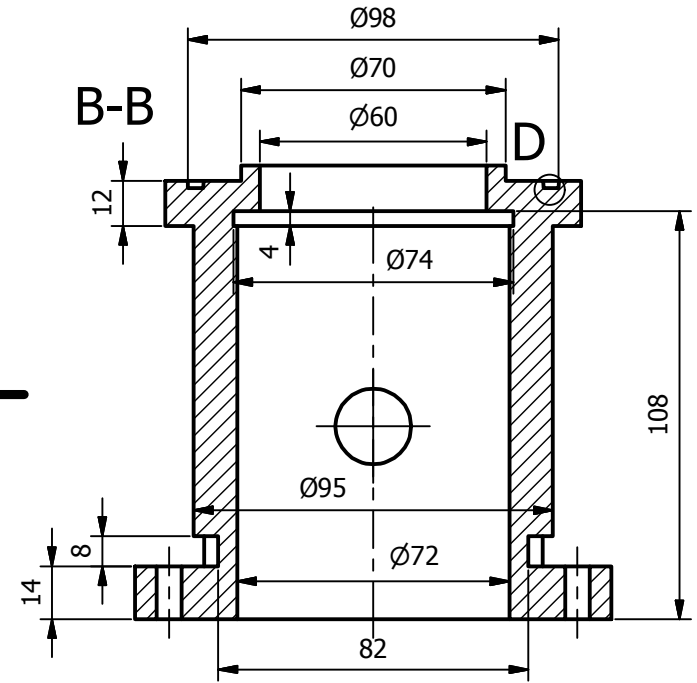
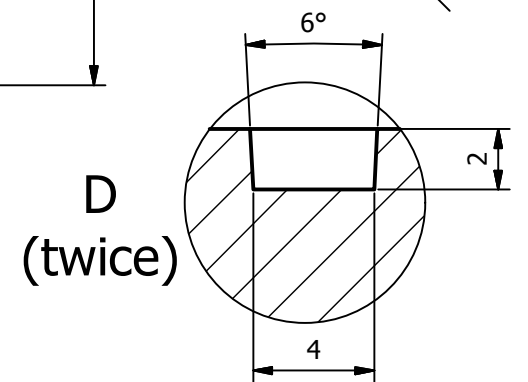
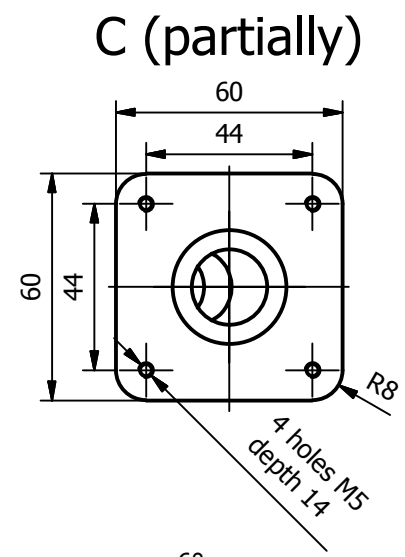
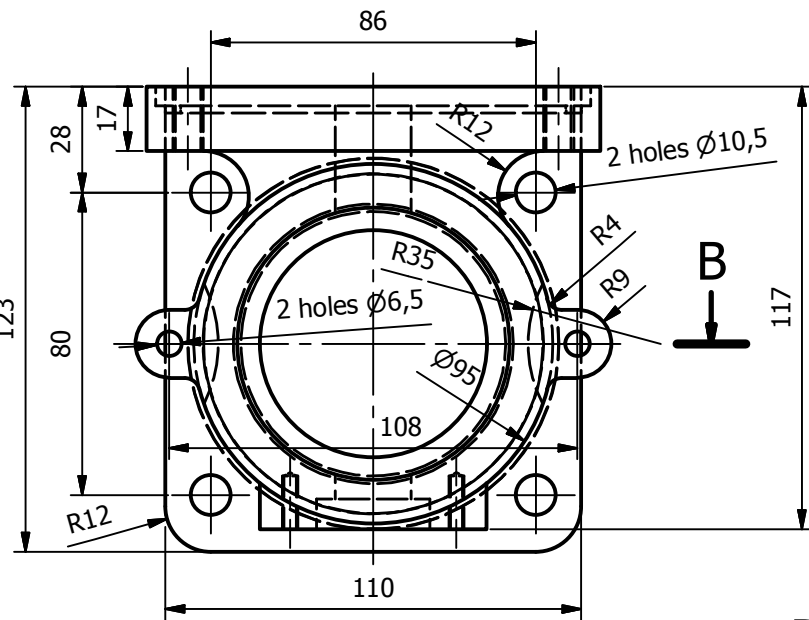
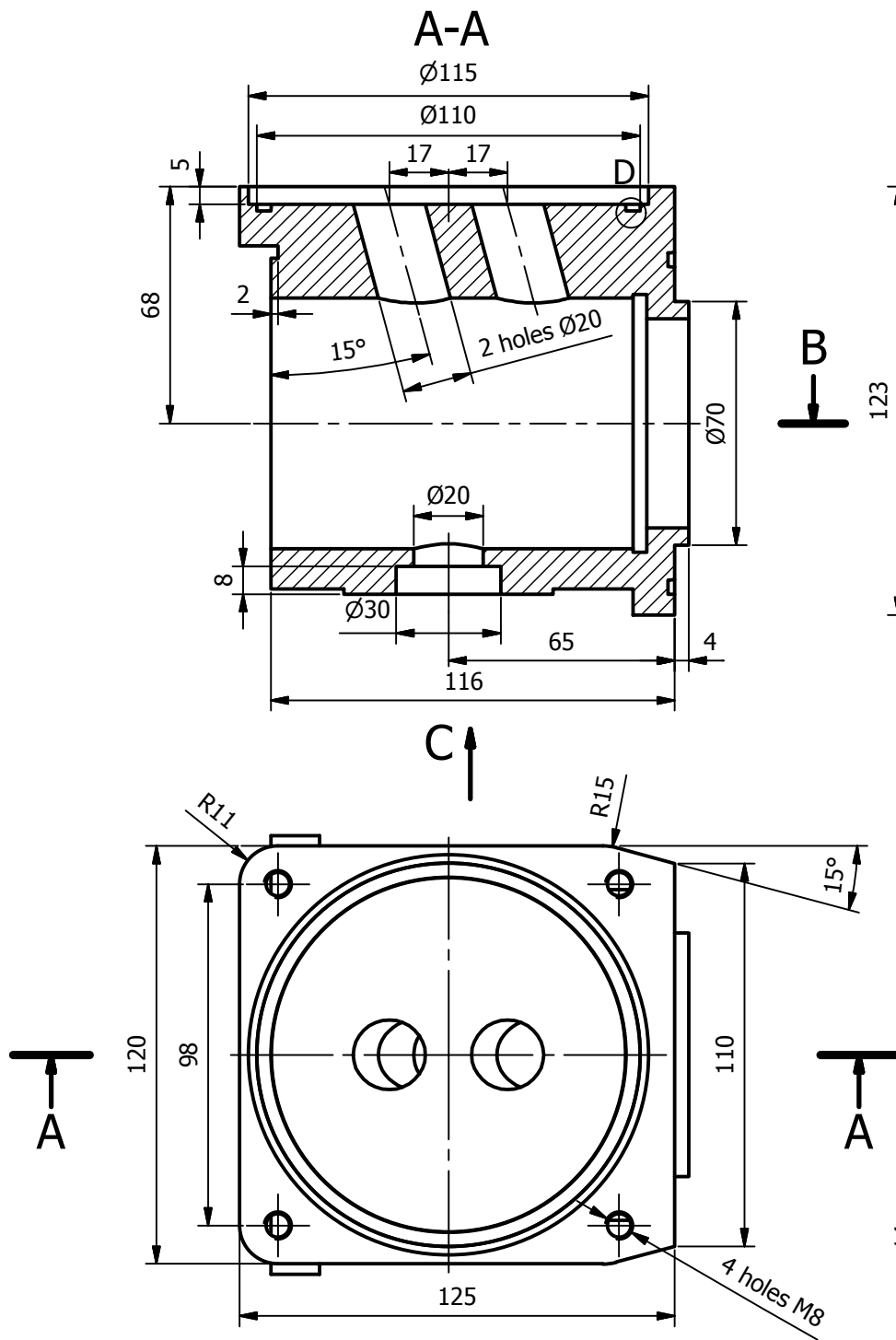


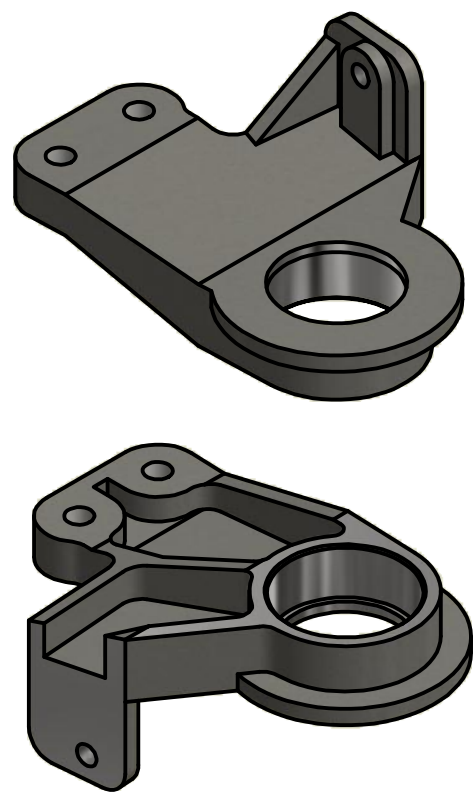
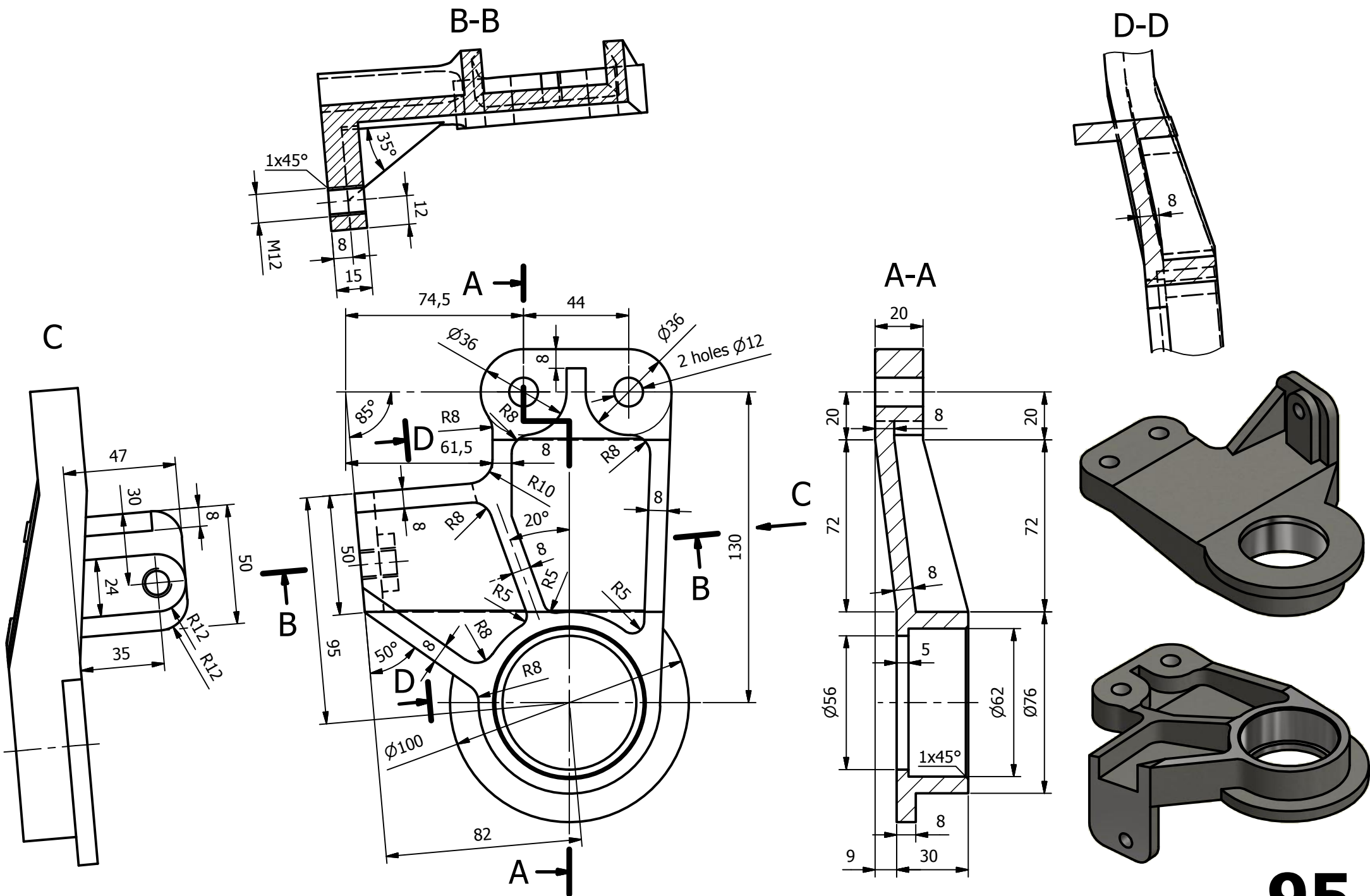


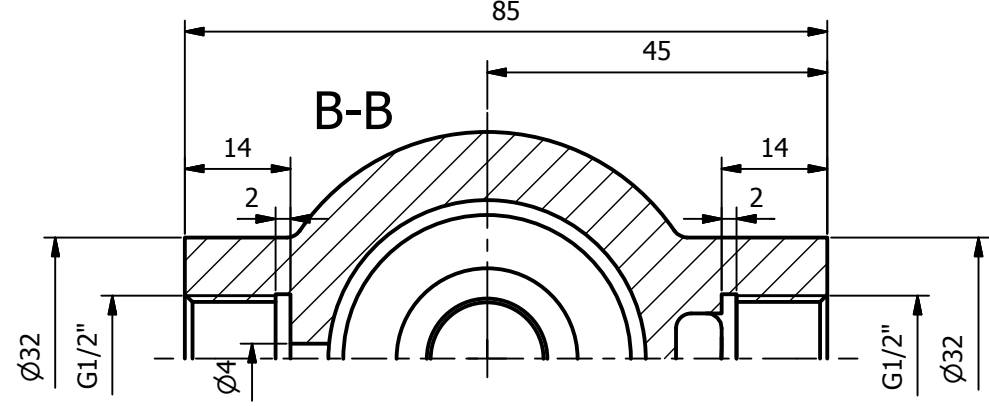
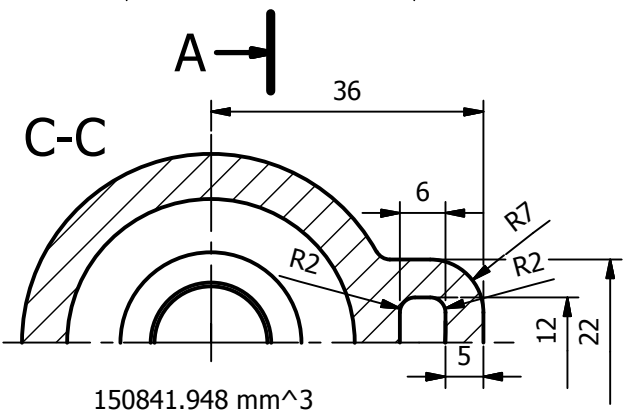
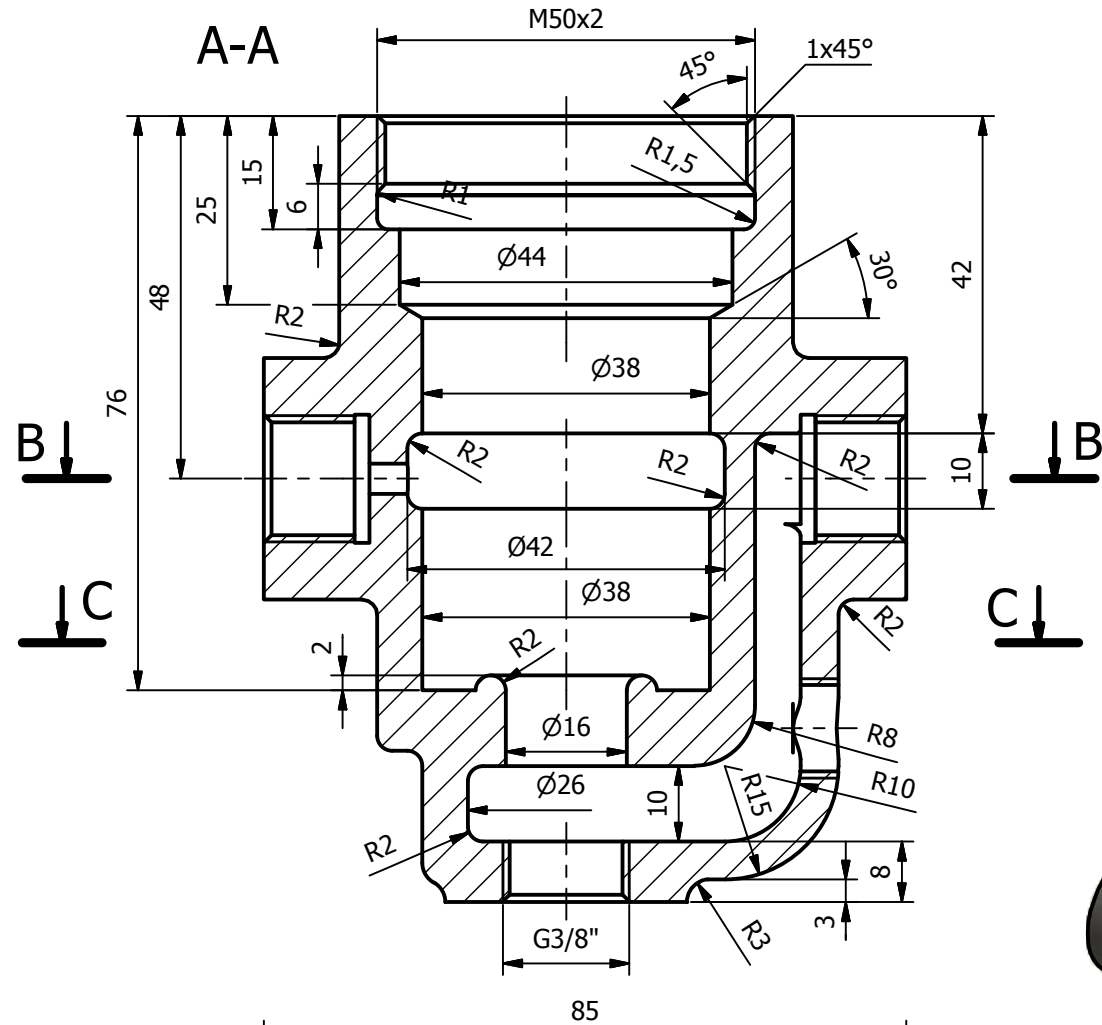
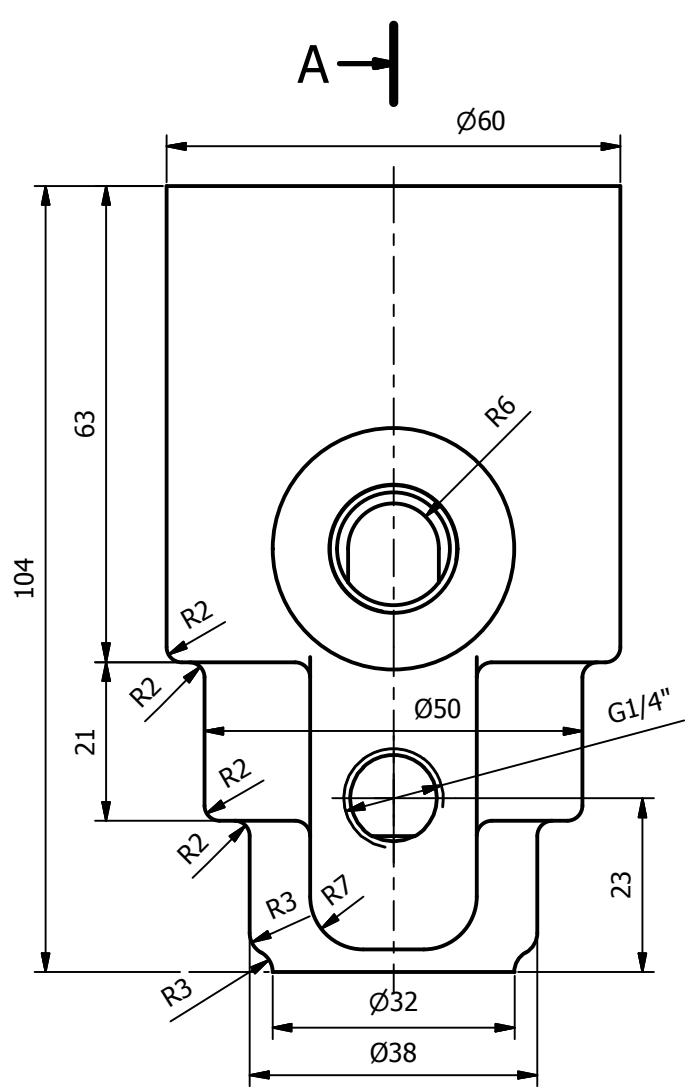
166891.781 mm³



116853.807 mm³







150841.948 mm³

