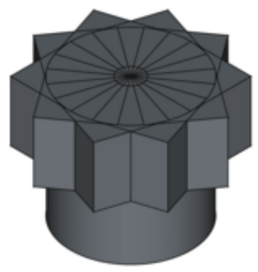
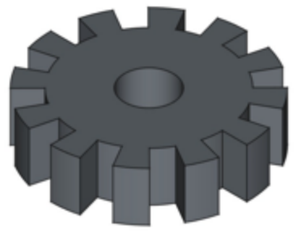
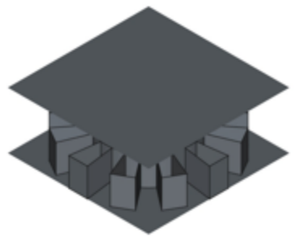
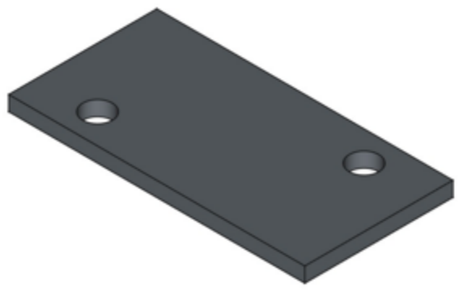
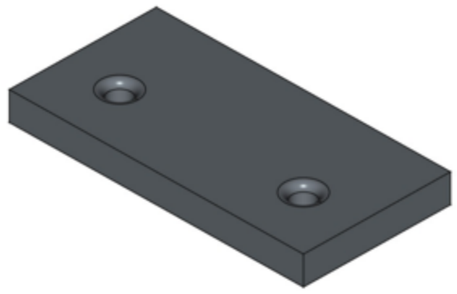
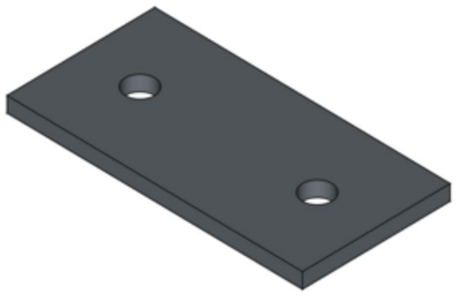
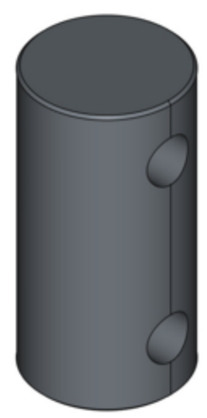
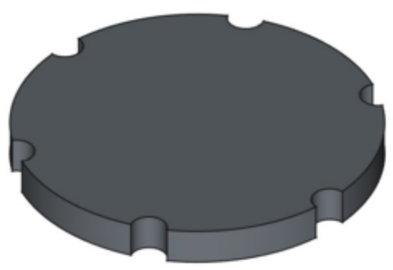
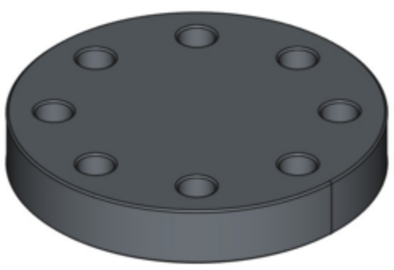
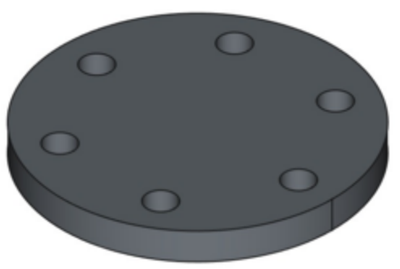
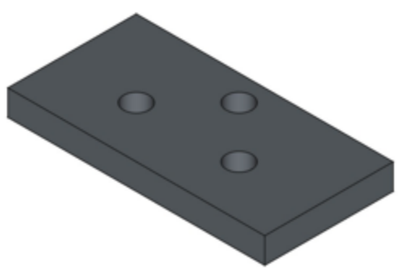
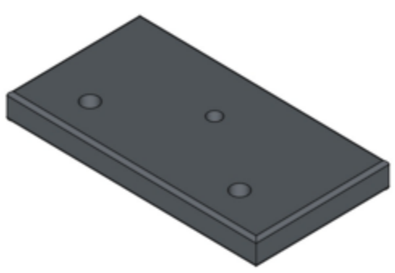
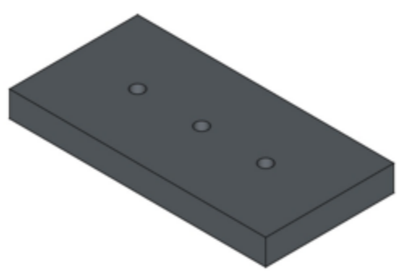
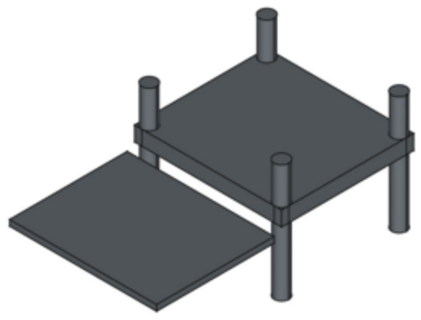
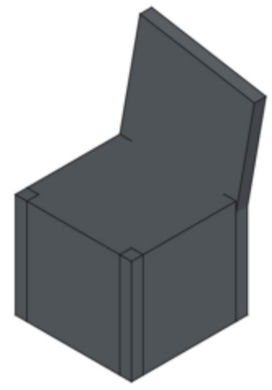
Task	Prompt	o3-mini-high	DeepSeek-r1	Grok 3
gear	Provide the Python code to generate a simple gear shape in a CAD environment, including parameters for radius, teeth size, and central hole.			
bracket	Provide Python code to generate a simple bracket in a CAD system, with specified dimensions for length, width, and hole positions.			
shaft with two holes at the ends	Generate Python code to model a shaft with two holes at the ends, including parameters for the shaft length, diameter, and hole size.			
circular part with multiple holes	Generate Python code for modeling a circular part with multiple holes, including parameters for diameter, number of holes, and hole size.			
rectangular part with three holes	Provide Python code to create a rectangular part with three holes in a CAD system, including parameters for dimensions and hole positions.			
chair	Provide Python code to generate a 3D CAD model of a chair, including the seat, backrest, and four legs. Include parameters for seat height, backrest angle, and leg dimensions.			
table	Provide Python code to generate a 3D CAD model of a table, including the tabletop, four legs, and structural support. Include parameters for tabletop dimensions, leg height, and thickness of the table surface.			