



PORTFOLIO

Siddhi Jain

MECHANICAL ENGINEERING
DSEU OKHLA - II CAMPUS





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Introduction

I'm Siddhi Jain

CAD Designer

Welcome to my CAD Design portfolio! I'm delighted to present a collection of CAD designs that I've passionately developed during my free time. The following projects have been developed on **Autodesk Fusion 360**.

Additionally, during my internship at **Bosch**, I had the privilege of working on three exciting projects using software **Autodesk Inventor**. While I would love to share these experiences, they are, unfortunately, subject to confidentiality agreements. Nevertheless, my adaptability and proficiency with various software platforms mean that I'm well-equipped to tackle new challenges and projects with ease.



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About me

I'm currently in my third year, pursuing a degree in Mechanical Engineering at DSEU Okhla-2 Campus in Delhi. With a passion for CAD design, I've honed my skills and gained practical experience in the field. My journey in engineering has not only equipped me with technical expertise but has also fostered strong communication abilities. I consider myself a confident and innovative thinker who enjoys taking on challenging projects, driven by a commitment to continuous learning and growth.

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- Compressor Impeller
- Soap Dish
- Wrench
- Vacuum Nozzle
- Coat Hook
- Tablespoon
- Taco Stand

Bench Vice

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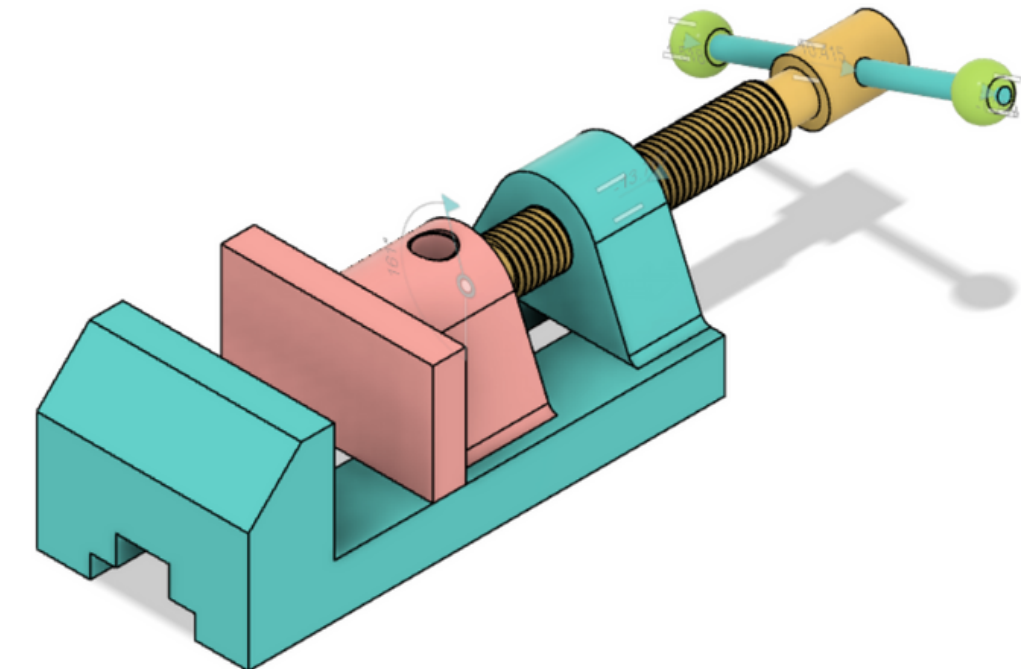
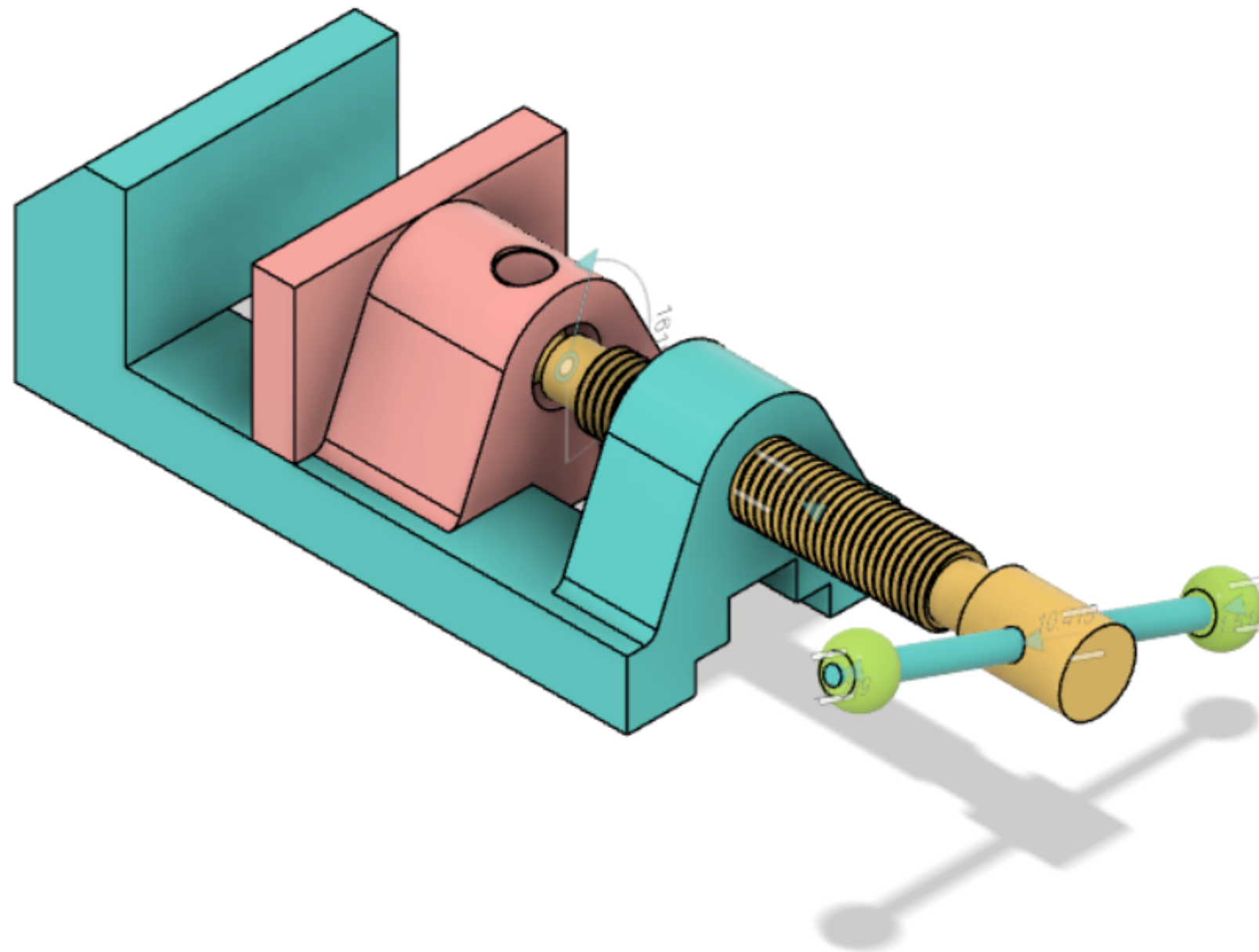
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This intricate tool comprises five individual components that I meticulously crafted and then skillfully assembled. It marked my very first assembly job, a milestone in my engineering journey.

The bench vice design embodies the essence of precision and functionality, and the process of creating it offered invaluable insights into the world of mechanical engineering. It's a testament to my growth as an engineer and my passion for designing tools that make tasks easier and more efficient.

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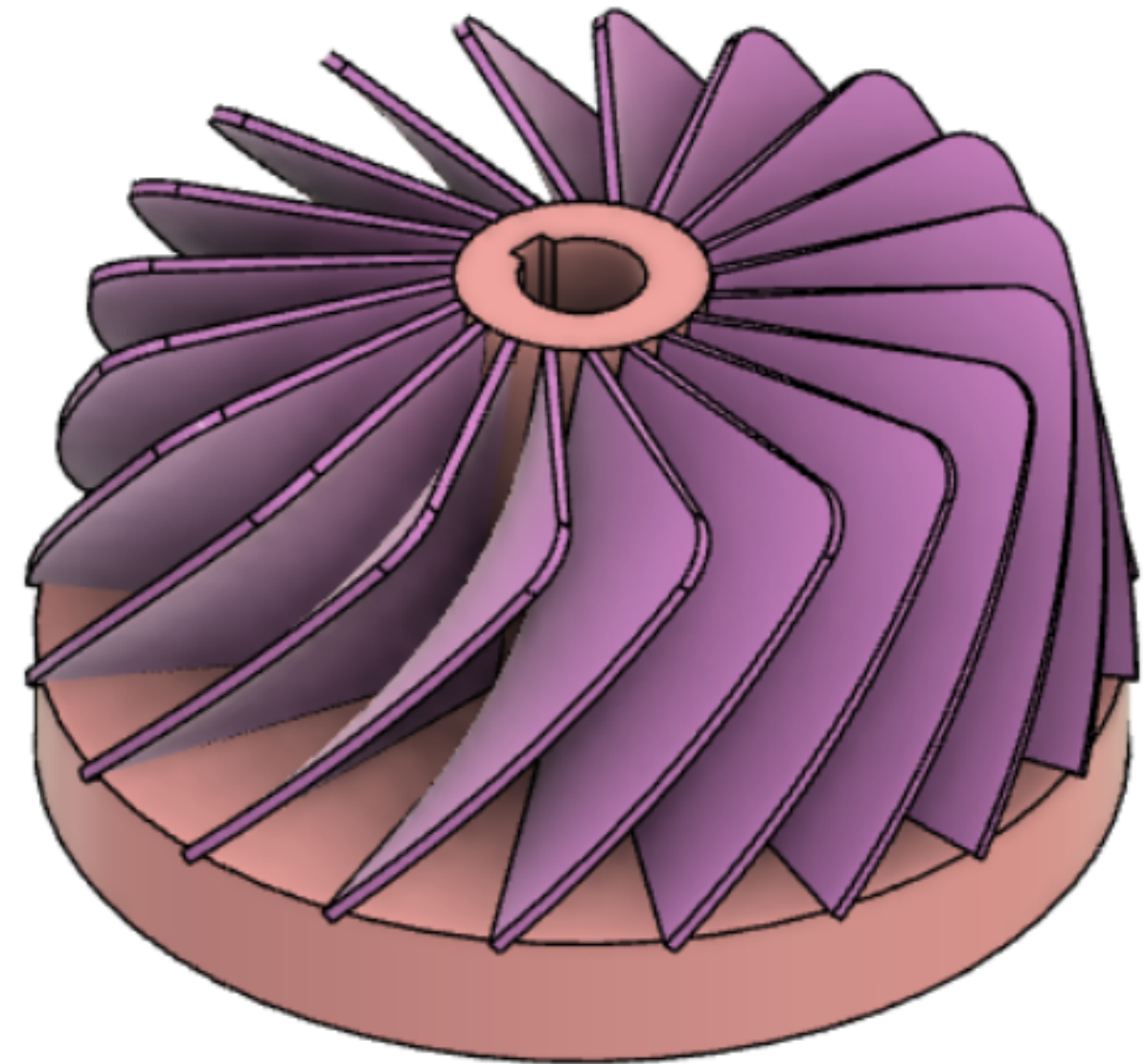
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Compressor Impeller

The compressor impeller I've designed holds a pivotal role in our larger project, making it a critical component of our machinery. What makes this design particularly crucial is the intricate 3D drawing it demanded, which presented a significant challenge.

As part of a dynamic team, I'm committed to refining this impeller design further to ensure optimal performance and efficiency. Its significance lies in its role as the heart of our machinery, where every curve, angle, and dimension matters.



Various Designs

Throughout my journey, I've had the opportunity to work on an exciting array of projects. These projects encompass machine elements, curved pipes, and a diverse range of products. From a ship wheel pendant to the intricate design of a wrench that marries form and function, my work showcases a commitment to precision and creativity. Whether it's a simple yet elegant tablespoon, a versatile coat hook, or a vacuum nozzle engineered for efficiency, each project embodies a unique set of challenges and solutions. The taco stand, a testament to versatility in design, rounds out this portfolio, illustrating my ability to tackle diverse design requirements.

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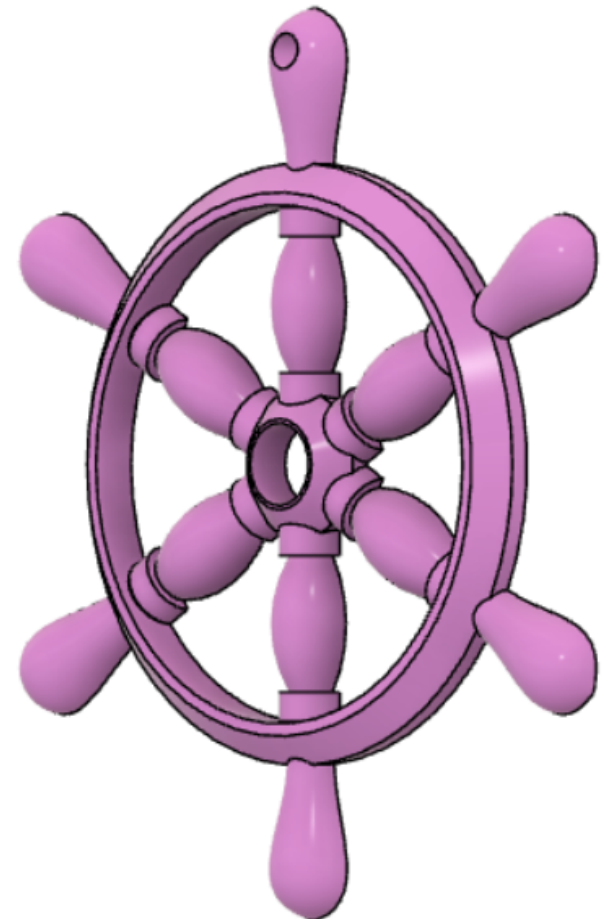
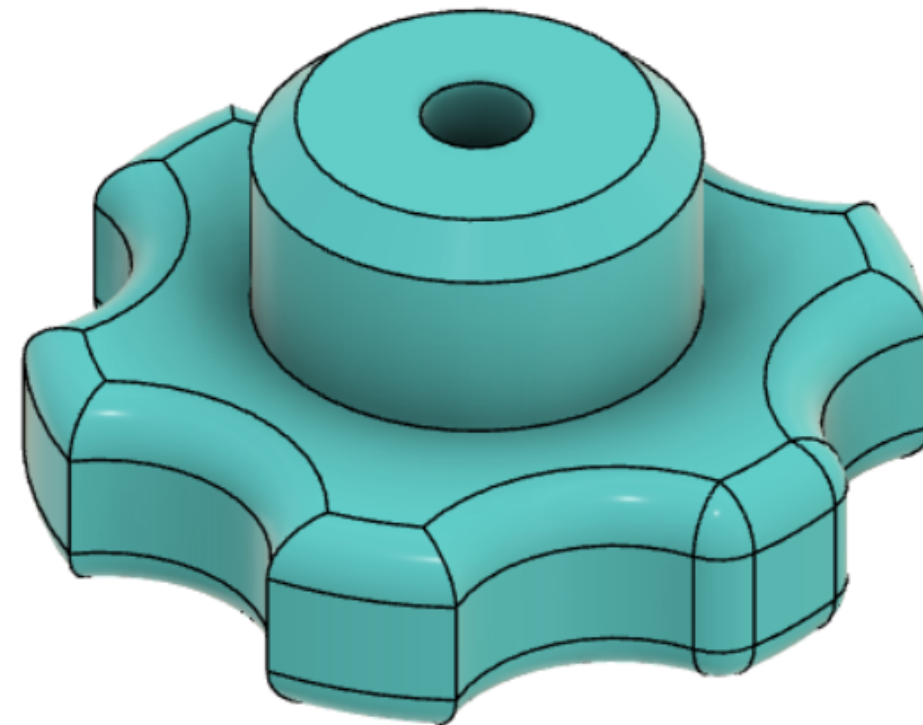
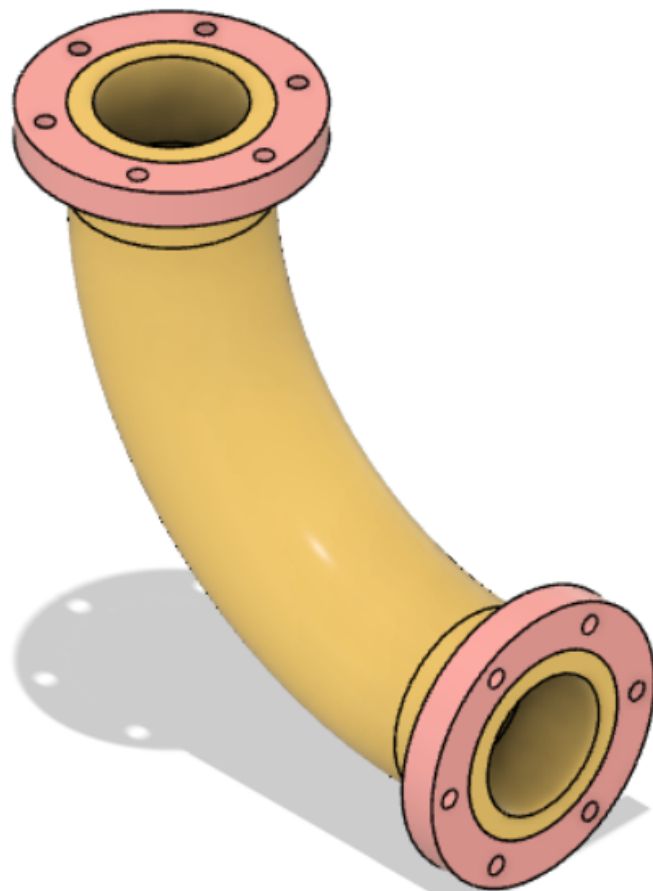
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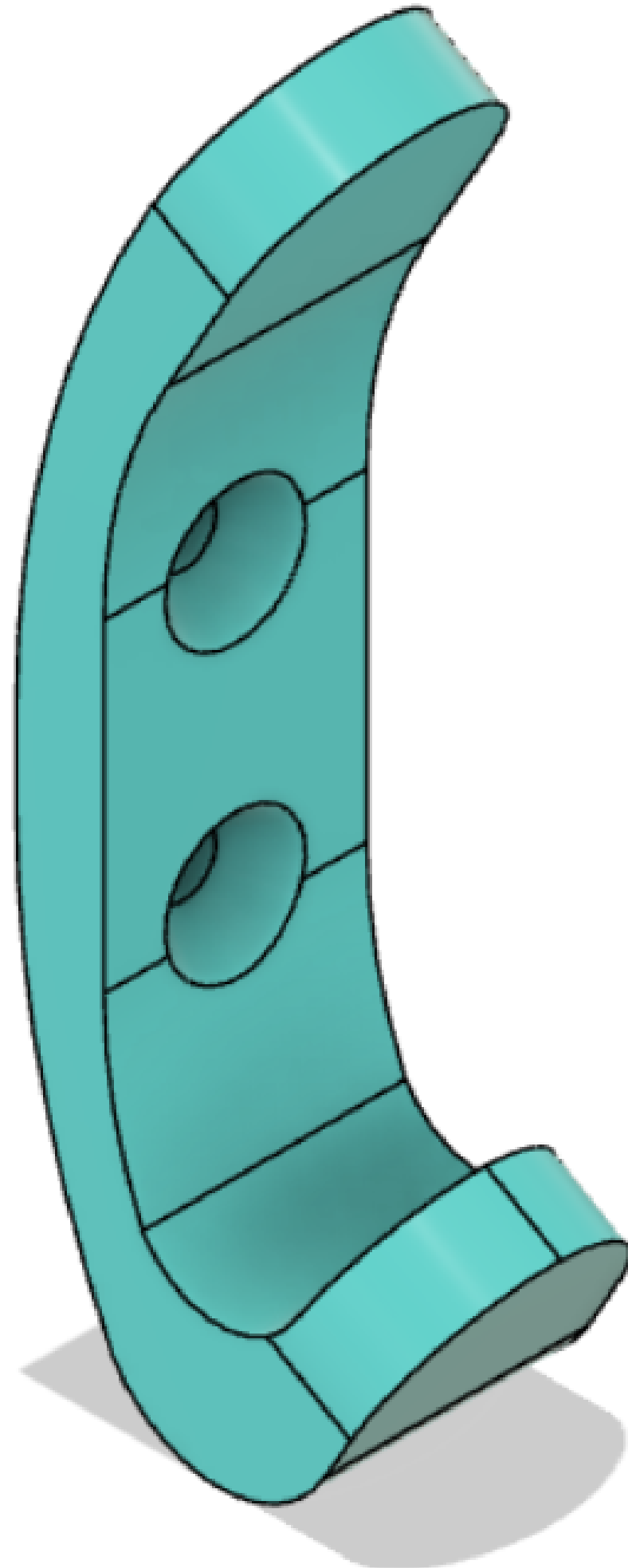
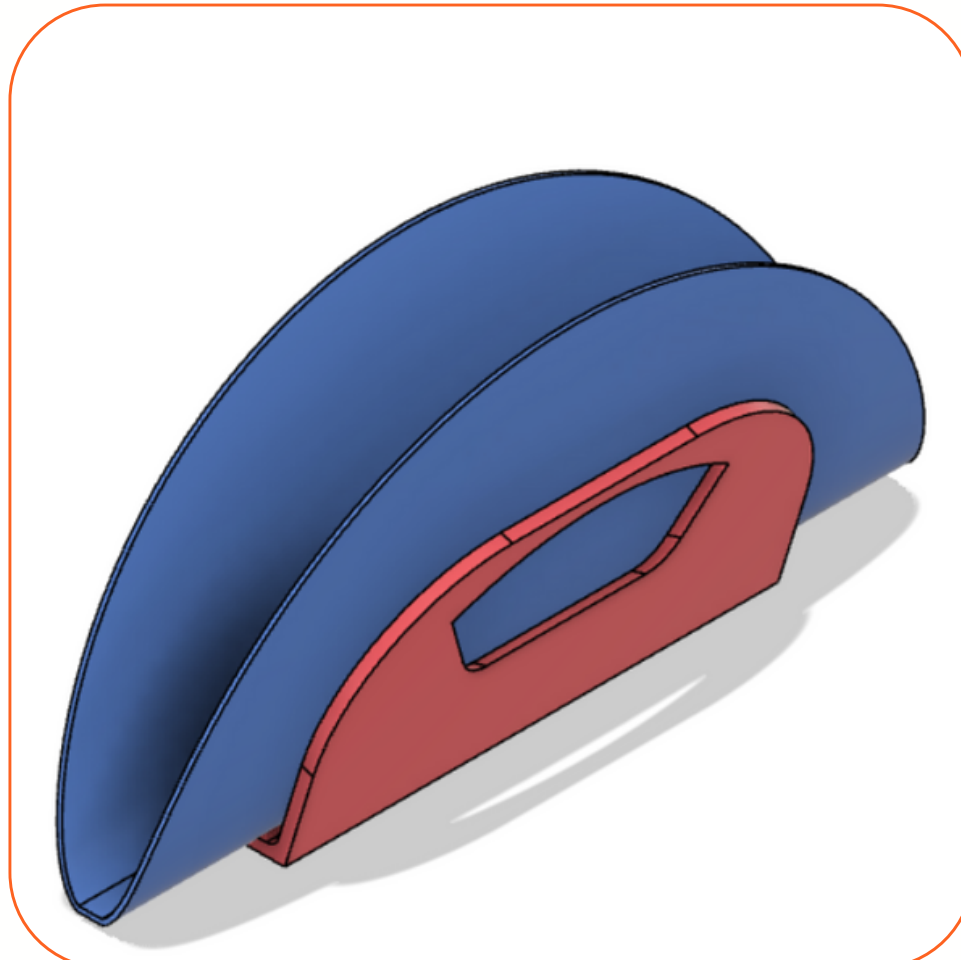
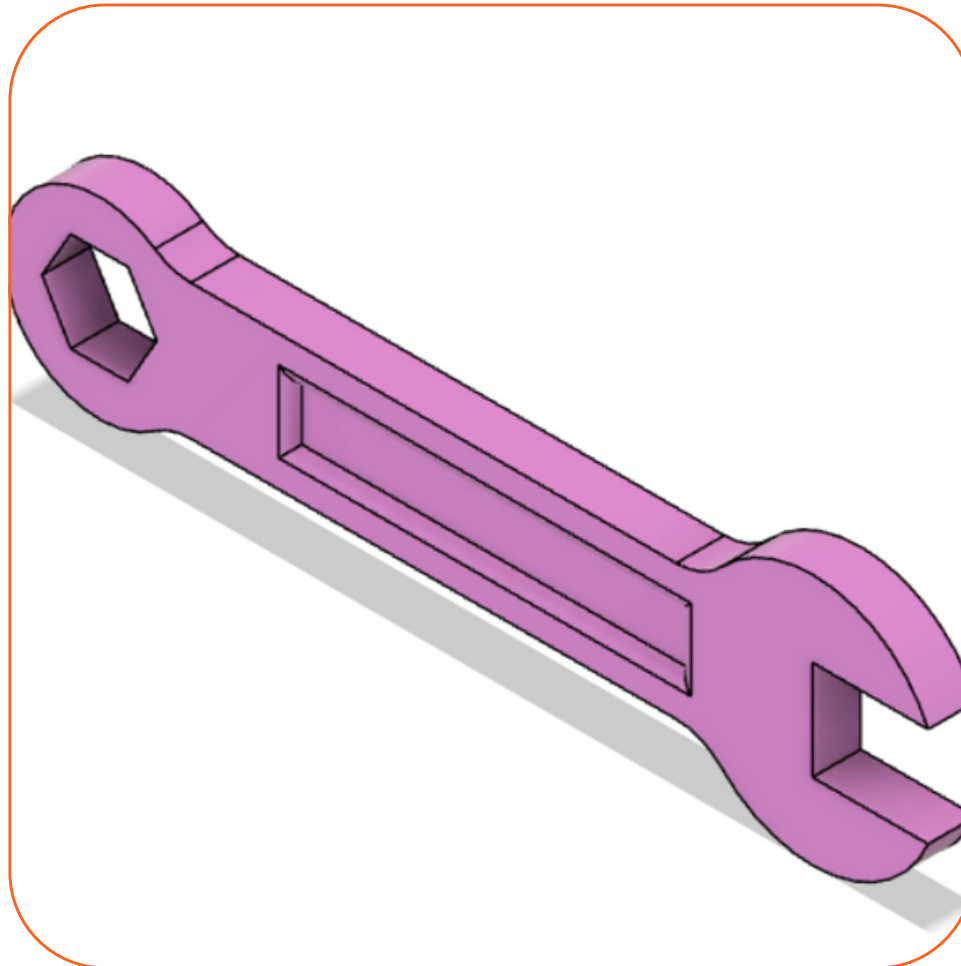
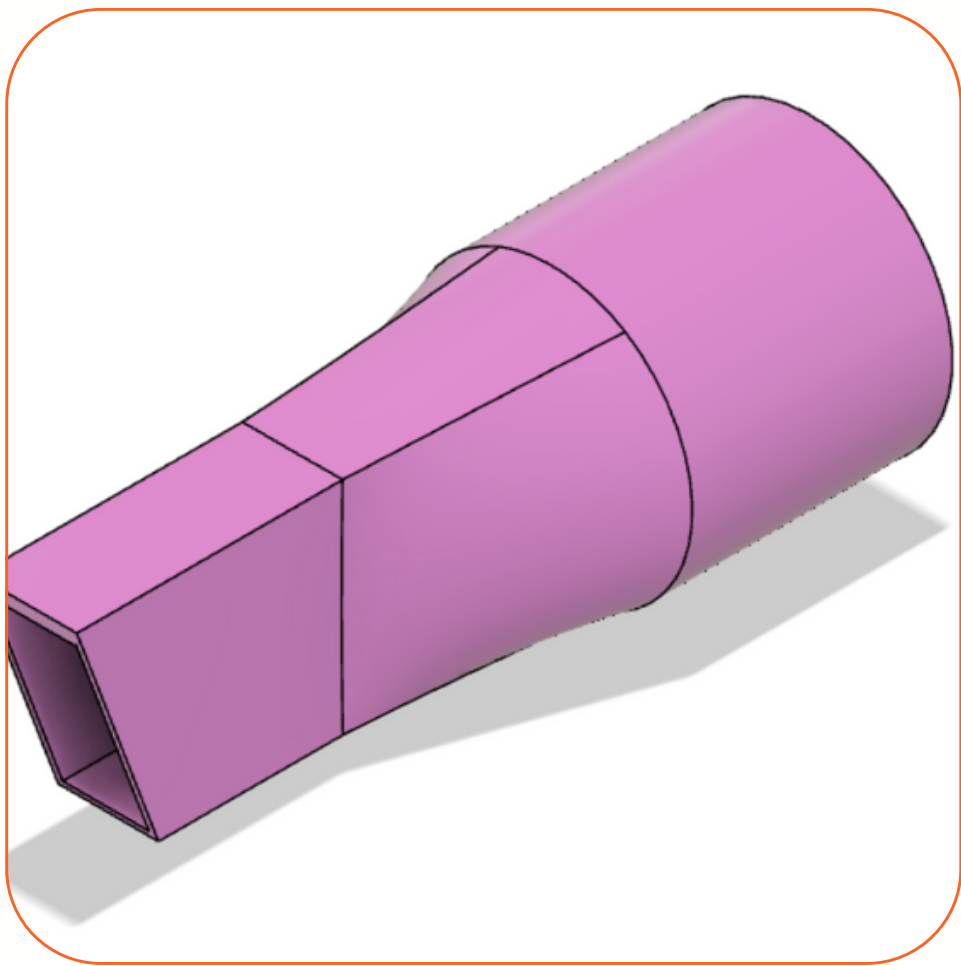
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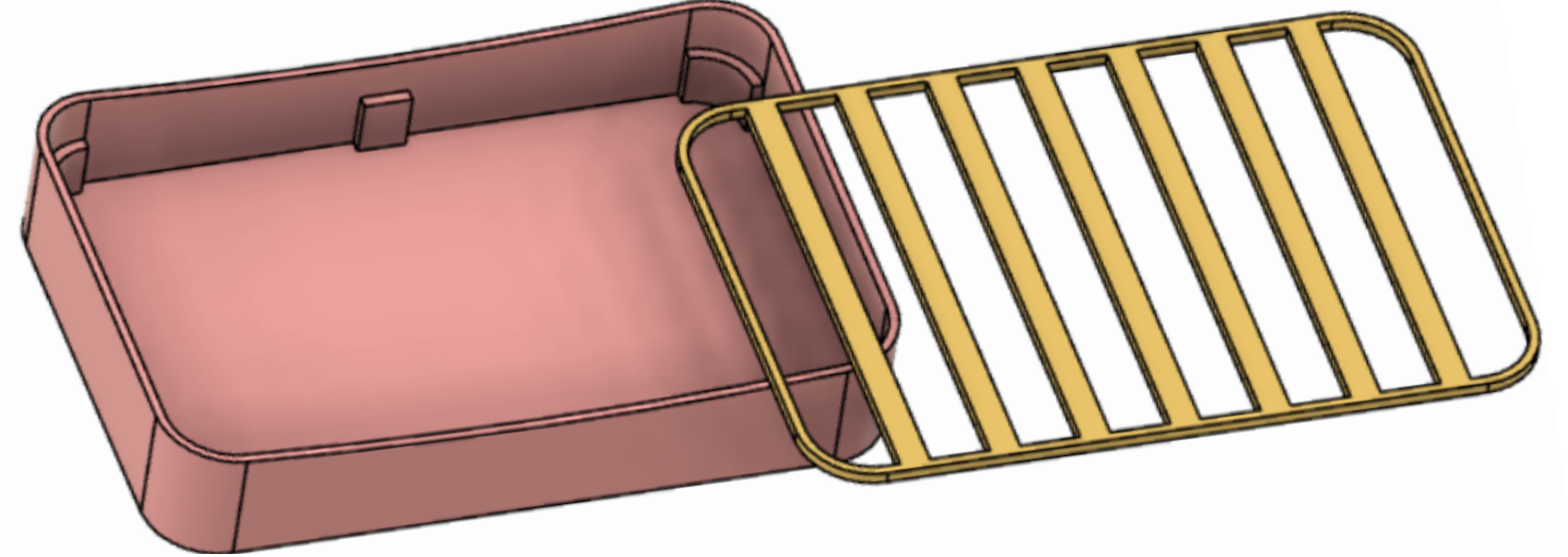
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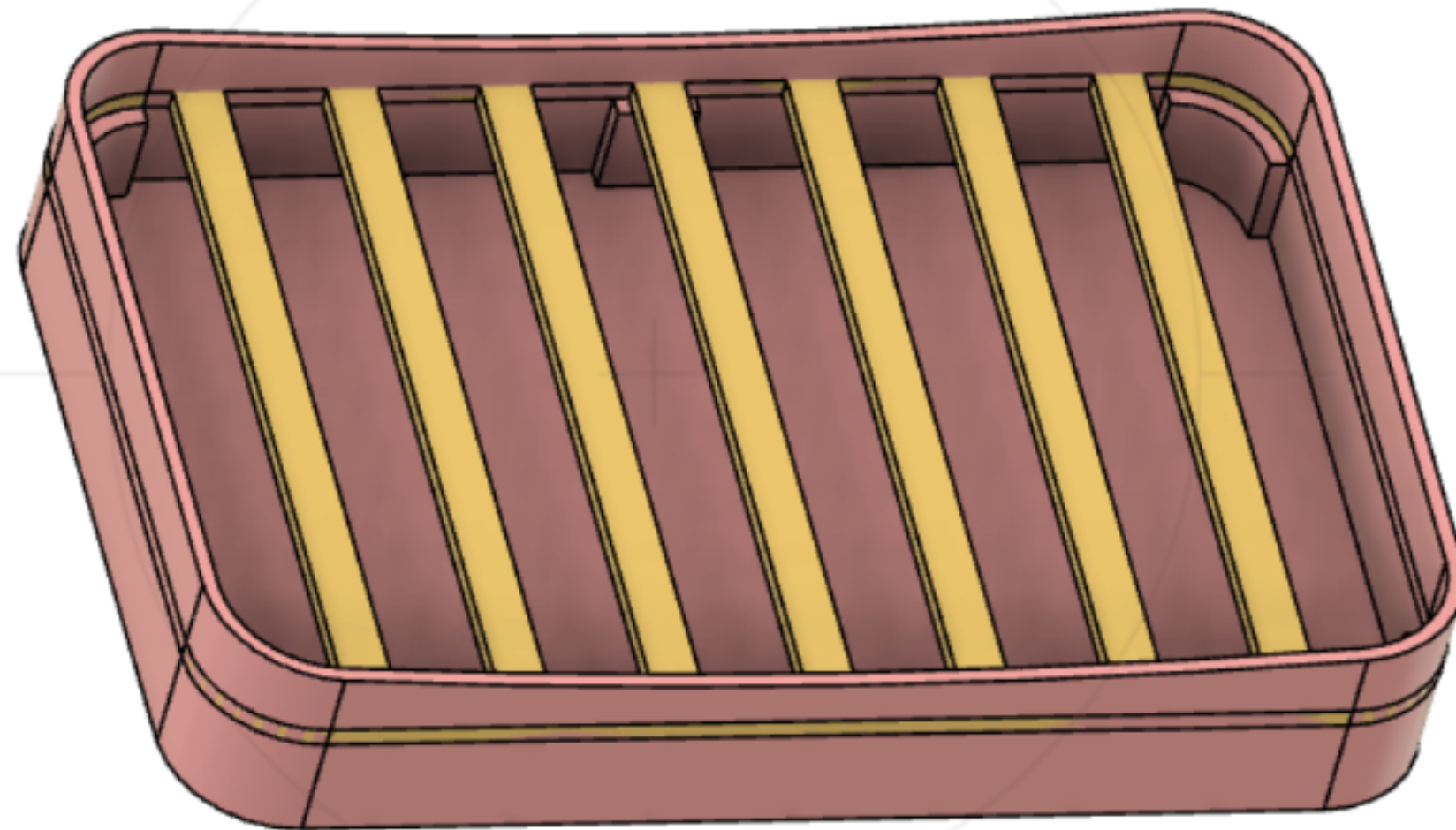
Project 4



Consisting of two distinct components, this design provides a versatile solution for keeping your soap dry and accessible.

The first component serves as the base, featuring efficient drainage to prevent water accumulation, ensuring your soap stays fresh and long-lasting. The second component is a removable cover with a minimalist yet stylish design, adding a touch of elegance to your bathroom.

Together, these two components offer a harmonious and practical soap storage solution, emphasizing the importance of both form and function in everyday objects.



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Thank you

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