

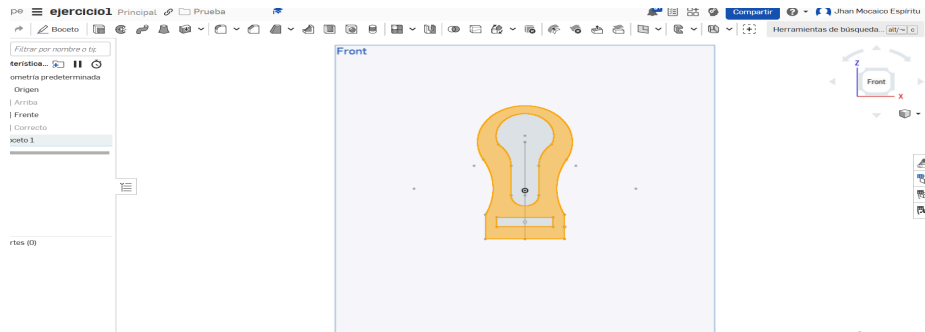


UNIVERSIDAD PERUANA  
**CAYETANO HEREDIA**

# **INFORME MÓDULO 2: FUNDAMENTOS CAD**

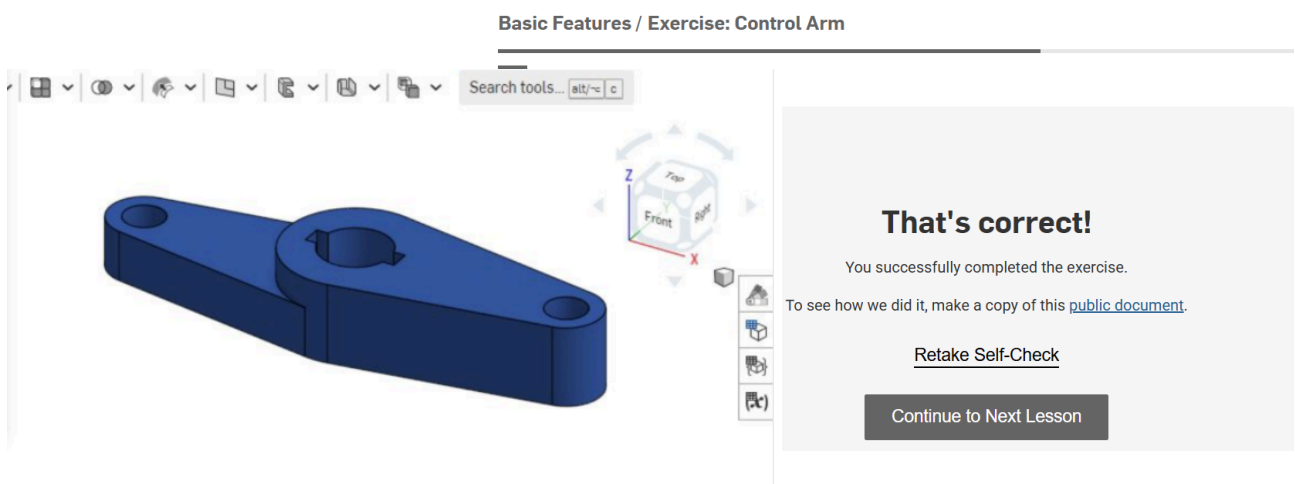
# 1. Introduction to Sketching

Ejercicio Sketch Tools:



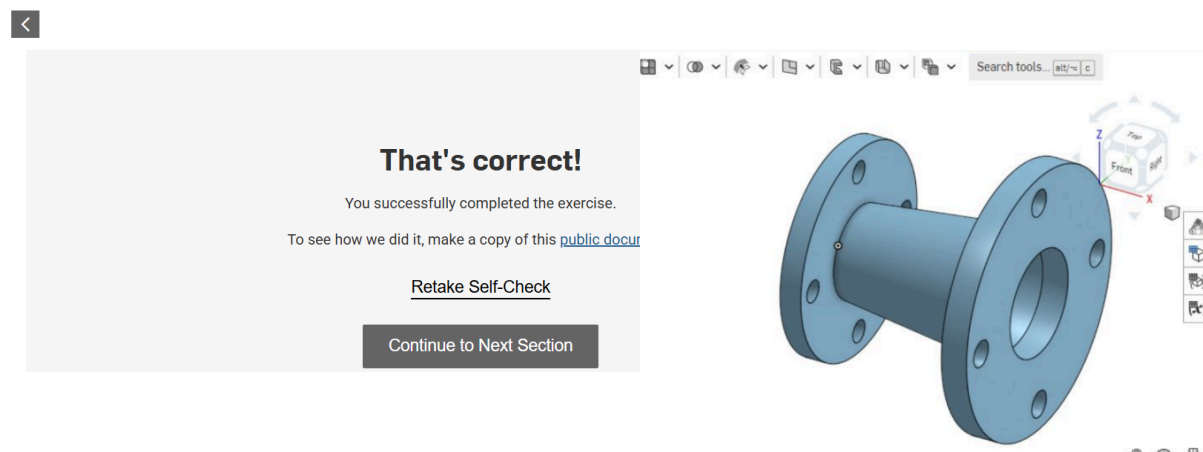
## 2. Introduction to Part Studios

Ejercicio: Control Arm



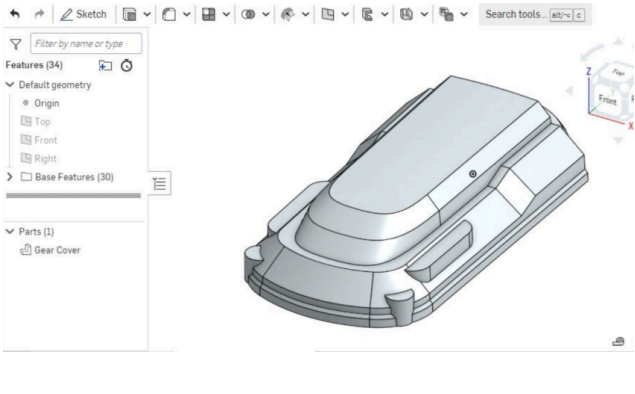
Ejercicio: Reducer Coupling

Basic Features / Exercise: Reducer Coupling



## Ejercicio: Jackhammer Gear Cover

### Applied Features / Exercise: Jackhammer Gear Cover



### That's correct!

You successfully completed the exercise.

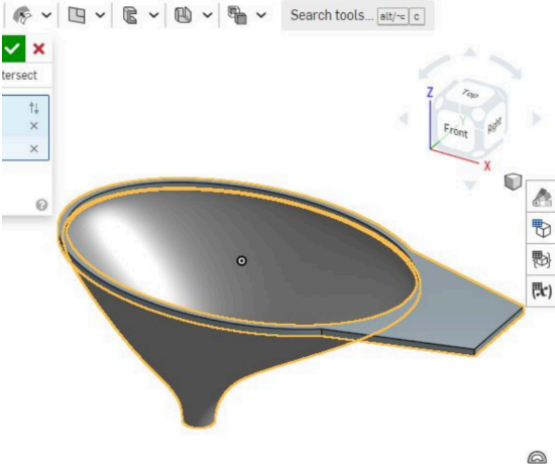
To see how we did it, make a copy of this [public document](#).

[Retake Self-Check](#)

[Continue to Next Section](#)

## Ejercicio: Funnel

### Advanced Features / Exercise: Funnel



### That's correct!

You successfully completed the exercise.

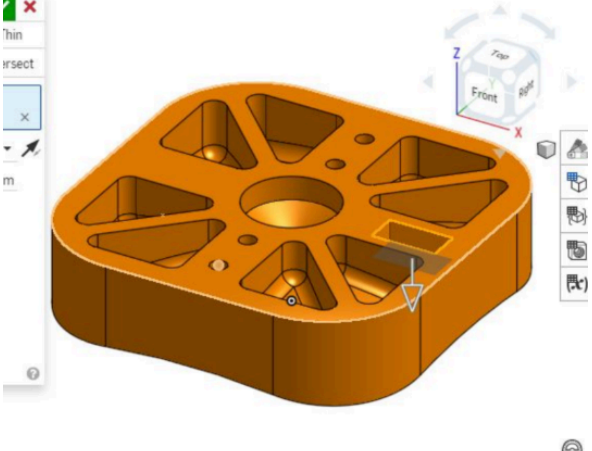
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## Ejercicio: Rocket Guidance Reflector

### Patterning / Exercise: Rocket Guidance Reflector



### That's correct!

You successfully completed the exercise.

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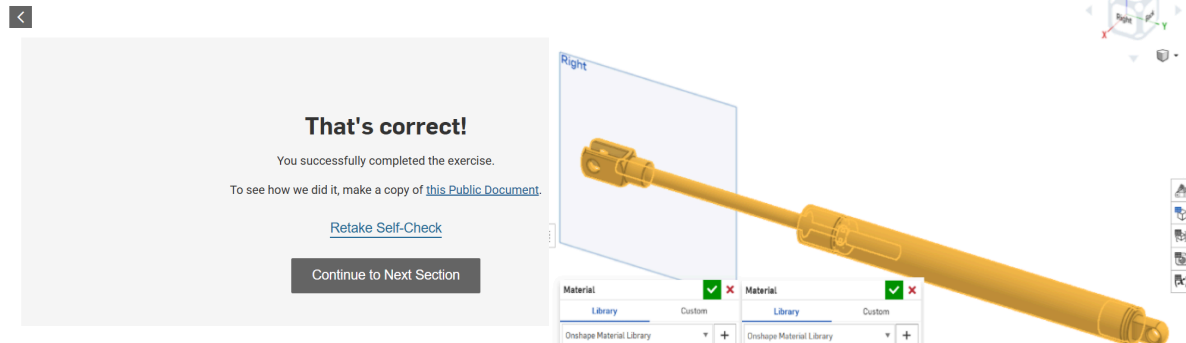
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### 3. Multi-Part Part Studios

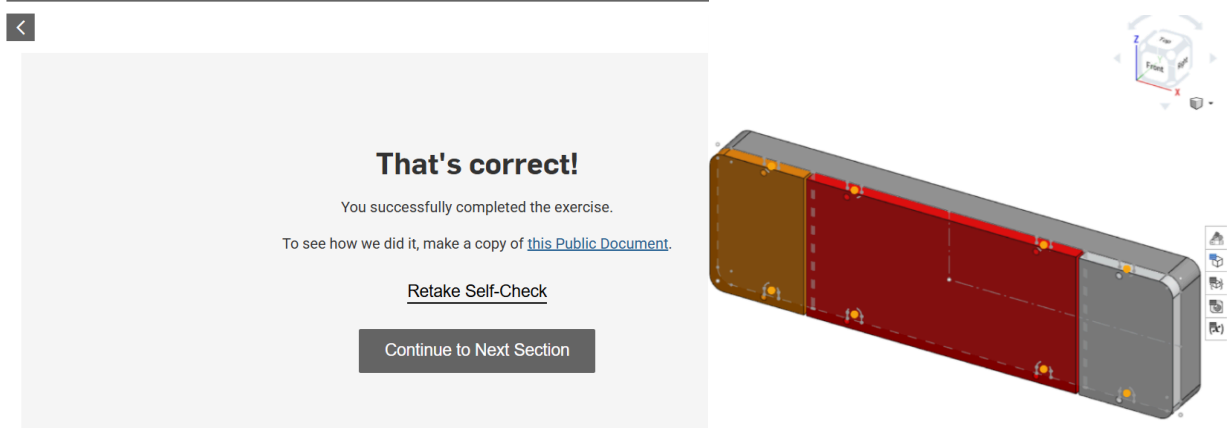
#### Ejercicio: Creating Multiple Parts in a Part Studio

Why Use Multi-Part Part Studios? / Exercise: Creating Multiple Parts in a Part Studio



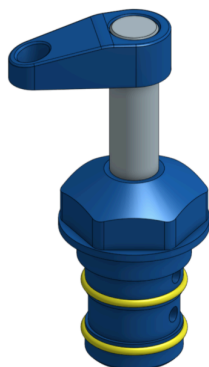
#### Ejercicio: Utilizing a Master Sketch

Multi-Part Sketching Techniques / Exercise: Utilizing a Master Sketch

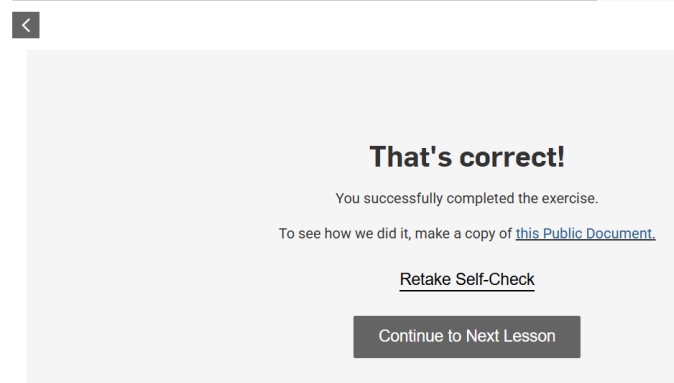


### 4. Onshape Assemblies

#### Ejercicio: Basic Assembly




Mating Assembly Components / Exercise: Basic Assembly



## Ejercicio: Creating Explicit Mate Connectors

Search tools... **Mating Assembly Components / Exercise: Creating Explicit Mate Connectors**



**That's correct!**

You successfully completed the exercise.

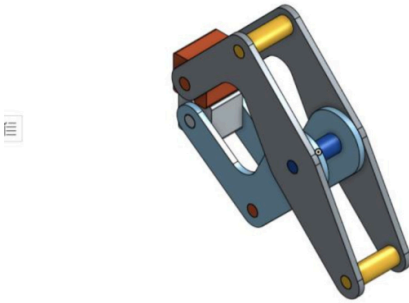
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## Ejercicio: Intermediate assembly

Search tools... **Working with an Assembly / Exercise: Intermediate Assembly**



**That's correct!**

You successfully completed the exercise.

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[Retake Self-Check](#)

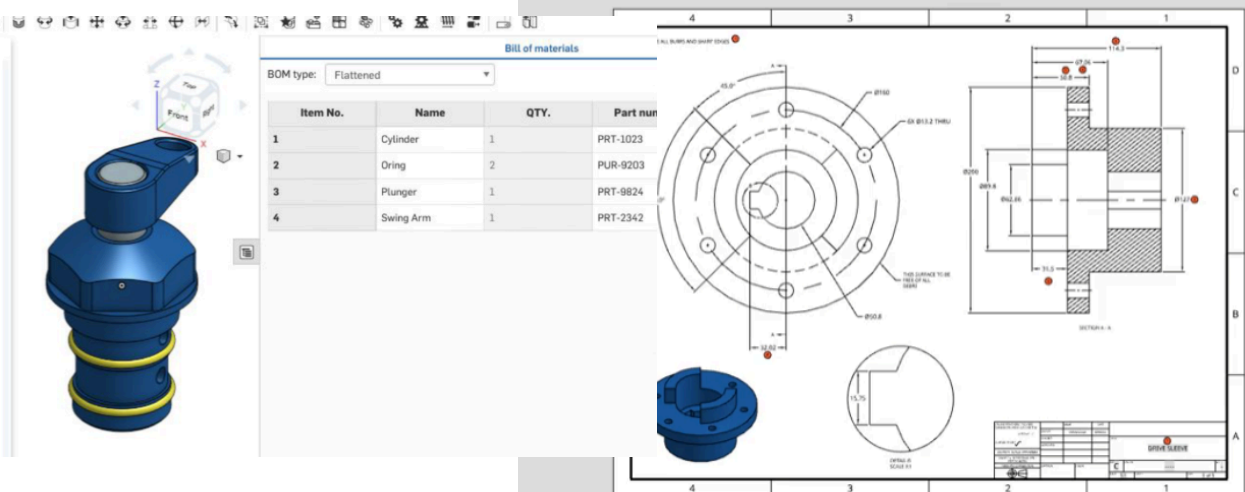
[Continue to Next Lesson](#)

## 5.Detailed Drawings

Search tools... **Bill of materials**

BOM type: Flattened

Item No.	Name	QTY.	Part num
1	Cylinder	1	PRT-1023
2	O-ring	2	PUR-9203
3	Plunger	1	PRT-9824
4	Swing Arm	1	PRT-2342



The technical drawing includes a top view, a side view, and a cross-section view. Dimensions are provided in millimeters (mm). The top view shows a circular feature with a diameter of 100 mm and a hole of diameter 10 mm. The side view shows a rectangular feature with a height of 100 mm and a width of 100 mm. The cross-section view shows the internal structure of the assembly.