

TRƯỜNG ĐẠI HỌC NÔNG LÂM TP. HỒ CHÍ MINH KHOA CƠ KHÍ – CÔNG NGHỆ

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Sketch Entities and Tools



http://www2.hcmuaf.edu.vn/?ur=dangnh

1. Objectives

- ✓ Learn about the <u>Sketch Entities</u> Tools
- ✓ Learn about the <u>Sketch</u> tools
- ✓ Use the <u>Sketch tools</u> together to create shapes and parts
- ✓ Editting a <u>Sketch</u>
- ✓ Use the <u>Smart Dimension</u> tools
- ✓ Use the <u>Relations</u> tools

2. <u>Sketch Entities</u> Tools (1)

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	Defeature Part Reviewer	Corner Rectangle Center Rectangle 3 Point Corner Rectangle 3 Point Center Rectangle	Features Sketch Evaluate DimXpert
2.20	Select Invert Selection Power Select	 Parallelogram Straight Slot Centerpoint Straight Slot 	<u>%</u> [2] ⊕ [3] ≫
2	Compare Find/Modify Design Checker Format Painter	 	
	Sketch Entities Sketch Tools Sketch Settings Blocks	 Perimeter Circle Centerpoint Arc Tangent Arc 3 Point Arc 	

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2. Sketch Entities Tools (2)

- Start new Part
- Select the Sketch tool
- Chose the plane
- Use Sketch tool
- Use the relation and Dimension
- Click Exit Sketch

2. Sketch Entities Tools (3)

- Line
- Circle
- Rectange
- 3 point arc
- Spline
- Polygon
- Ellipse
- Offset

Trim/Extend

Mirror

- Move
- Rotate
- Copy
- Center line
- Sketch Pattern
- Text

3. Editting the Sketch

- Right click on the drawing screen.
- Select Edit Sketch tools.
- Dimension.
- Click OK in the Modify dialog box.
- Exit Sketch.

4. Use Smart Dimension

- Click New Part
- Click Sketch and create the sketch
- Click Smart Dimension
- Use the Smart Dimension for the Sketch

Bài tập tại lớp



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Bài tập tại lớp



Bài tập tại lớp







5. Home Work

6. Bài tập lớn

Cảm ơn các bạn đã theo dõi!



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