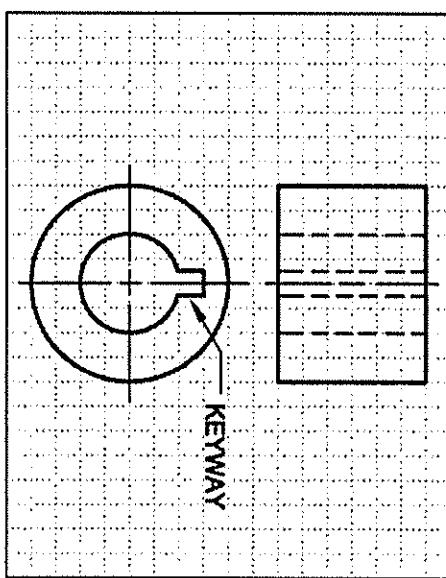


THREE DESIGN FEATURES ARE GIVEN. BELOW EACH FEATURE, SKETCH AN ISOMETRIC VIEW OF THE FEATURE USING THE GIVEN FRONT AND TOP ORTHOGRAPHIC VIEWS AS THE DATA SOURCE. TRANSFER GRID DIVISIONS ONE-TO-ONE TO MAKE A FULL-SIZE ISOMETRIC SKETCH. CHOOSE AN ORIGIN FOR THE ISOMETRIC SKETCH THAT MAKES GOOD USE OF THE SPACE PROVIDED.

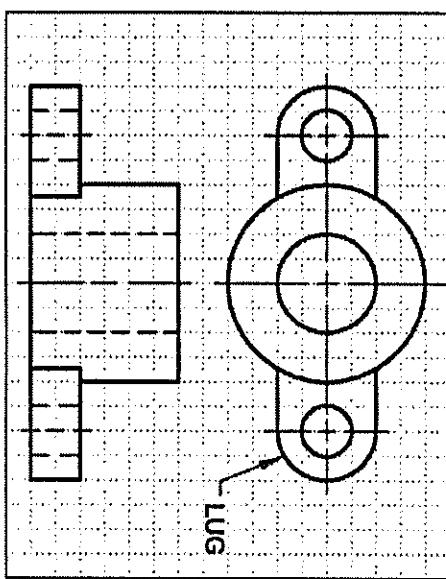
SCALE: FULL SIZE

1. KEYWAY

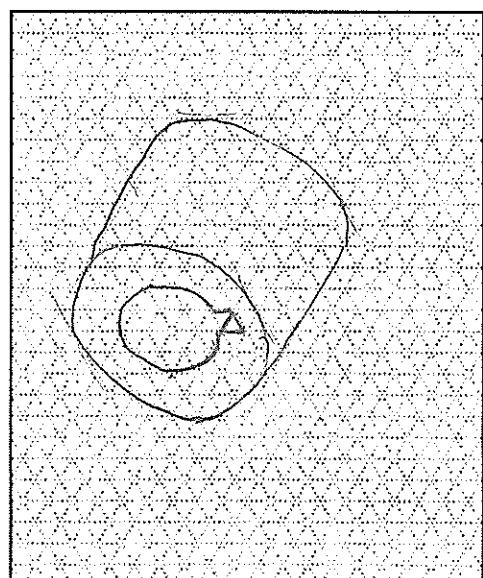
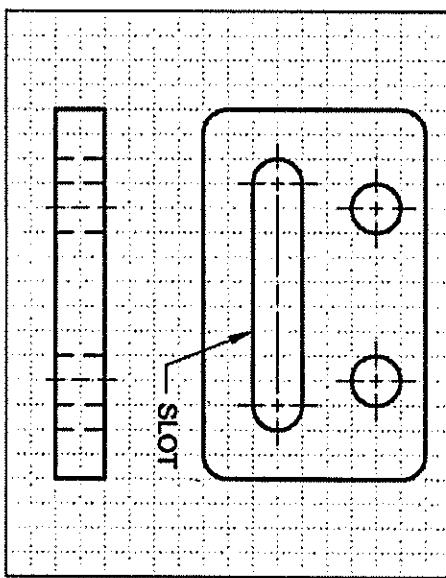


ALL GRID DIVISIONS: 0.125"

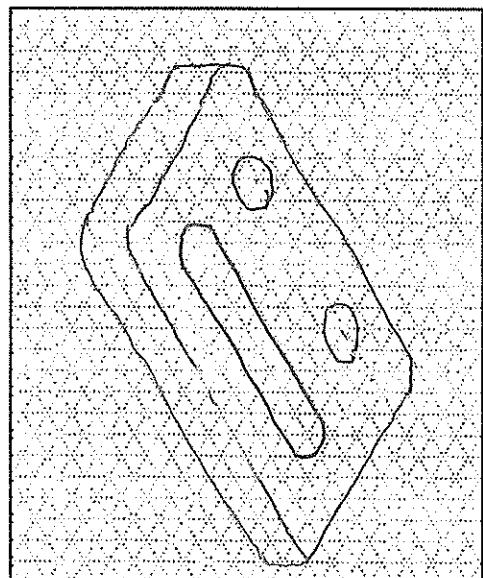
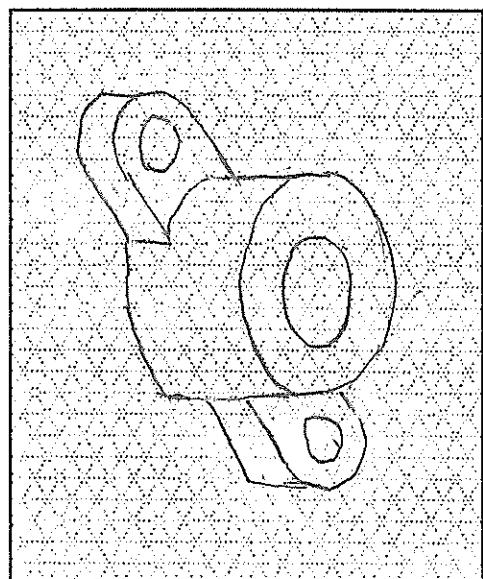
2. LUG



3. SLOT



ALL GRID DIVISIONS: 0.125"



**DESIGN SKETCHING**

**ENGINEERING DESIGN GRAPHICS**

NAME: \_\_\_\_\_

SEC: \_\_\_\_\_

GRADE:

4.2