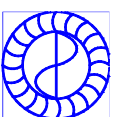
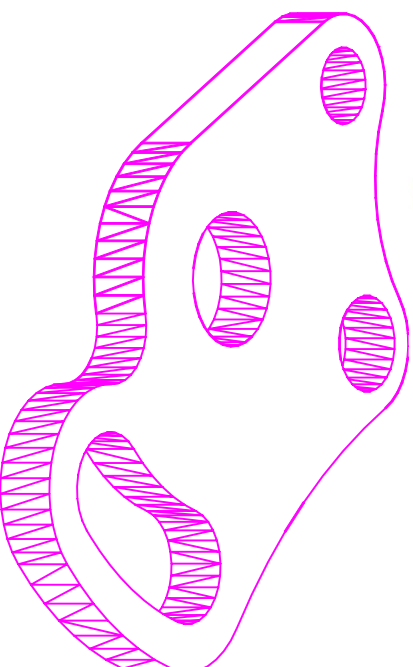


3D DRAWING SET-UP INSTRUCTIONS

1. "EXTRUDE" the 2D shape by 1.25 inches.
2. Be sure to create the holes as shown.
3. Assumptions for question 2 below:
Steel density: 0.283 lbs/cubic inch
Steel price: \$0.38/lb.
Waste Material: 10%

3D DRAWING QUESTIONS

1. The volume of the 3D Solid is:
 - a. 97.56 cu. ins.
 - b. 96.75 cu. ins.
 - c. 97.45 cu. ins.
 - d. 96.55 cu. ins.
 - e. 97.65 cu. ins.
2. What is the cost of steel for 100 pieces of the part with the assumptions shown in note 3 above?
 - a. \$1,155.41
 - b. \$1,515.14
 - c. \$1,155.94
 - d. \$1,155.14
 - e. \$1,157.14
3. The weight of one piece is:
 - a. 27.653 lbs.
 - b. 27.635 lbs.
 - c. 26.735 lbs.
 - d. 27.365 lbs.
 - e. 27.835 lbs.
4. The total "TIME" you have spent creating this part is: _____
5. The start Date/Time for version of this drawing is: _____
6. Use the "SCALE" command to increase the part size by a factor of 1.2. The new volume of the part is:
 - a. 168.47 cu. ins.
 - b. 186.74 cu. ins.
 - c. 168.74 cu. ins.
 - d. 167.84 cu. ins.
 - e. 186.47 cu. ins.



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DWG TITLE **GASKET EXERCISE**

CLIENT	THE EKHO INSTITUTE	Rev. 0	REV.# 0	DATE: 2004/10/06
DWGN BY	EKH	DATE: 2004/10/06	REV. BY: EKH	
CHKD BY	EKH	DATE: 2006/02/10		
SCALE	1:1 on Letter size	SHEET 1 OF 1	DWG NO: GASKET	
DESIGNED BY:	EKH	PROJECT:	EH041006	DISK: SERVER