

Sue Silverstein

BPR Test #2

Refer to the Clamp Bracket Print

1. What is the scale of the drawing?
2. What is the drawing number?
3. What size drill do you use to create .203 diameter holes?
4. What does the notes say regarding the .281 diameter holes?
5. What type of line is letter A in the bubble pointing to?
6. What type of line is the number 2 in the bubble pointing to?
7. What are the two reference dimensions on the print?
8. What is meant by .50 TYP dimension?
9. What is the tolerance for the 1.188 dimension?
10. What is the tolerance for the .88 dimension?
11. What type of weld is required for the bracket?
12. Create a material list for this part:

QTY	material	size

13. What is the difference between a 2A bracket and a 2B bracket?

Refer to the Pump Base Print

1. How many parts are required?
2. What type of material is to be used?
3. What does the general note indicate?
4. How many .375 diameter holes are there?
5. Find dimensions:
 - A. B.
 - C. D.
 - E. F.
 - U. H.
6. What type of line is indicated by the letter K in the bubble?
7. What is the **maximum** length the part can be?
8. What is the **minimum** height the part can be?
9. If you were laying out the center point location of the .375 diameter hole, what your measurements be of the ends.
10. Surface P is what line in the top view?
11. If you are creating 90 degree angles, what angle would you cut the material at?