FIGURE 15.74 (5)
N.B. Australian Standard for thread representation differs from ANSI I Standard in Bertoline

436-105 Tutorial 2
15.5 (Fig. 15.79)
FIGURE 15.89

N.B. Rather poor layout of dimensions.

AS for thread representation differs from ANSI Standard in Bertoline.

436-105 Tutorial 2
15.15 (Fig. 15.89)
Refer to sheet 7.4a to answer these questions.

1. How is the Pulley, Part 3, secured to the Shaft, Part 6? **TAPER PIN**

2. How is the lower Gear, Part 4, secured to the Shaft? **Ø2.5 x 25 BRASS PIN**

3. What is the diameter of the Shaft? **13**

4. How is the Cover, Part 2, secured to the Housing, Part 1? **6-M5 x 0.8 x 10 BRASS MACHINE SCREWS**

5. What dimension is the most critical in the pump assembly? **35** Is there provision made to adjust this dimension? **NO**

6. What is the length of the Shaft? **VARIABLE**

7. What is the difference between the bottom of the Pulley and the bottom of the Housing? **4 - THE PULLEY MUST CLEAR THE MOUNTING SURFACE**

8. What is the clearance between each Gear and the inside of the Housing? **.3 - .4**

9. If you were to drill two holes to firmly mount the pump, what would be the spacing of the holes? **54**

10. Ditto lines are used on the pump drawing for what purpose? **TO REPRESENT GEAR TEETH**

11. What is the function of Part 7, the Nut? **HOLD PACKING NUT IN PLACE**

12. Why are the slots on the mounting screws shown out of projection? **CONVENTIONAL PRACTICE**

13. What is the overall height of the Housing? **91**