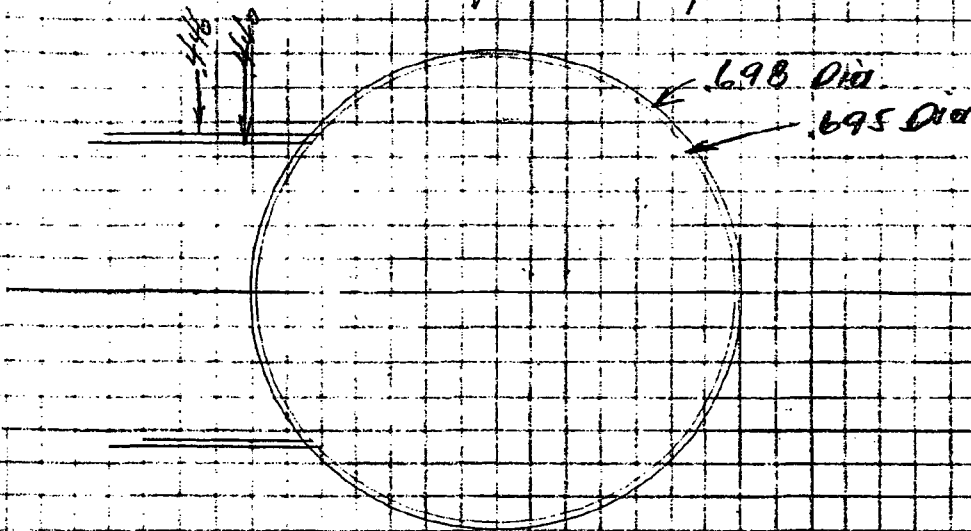


DATE

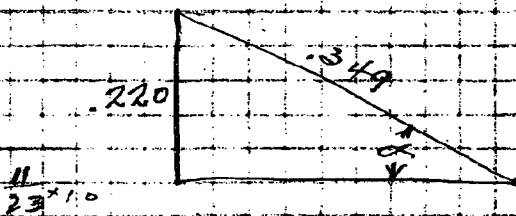
7-12-44

SUBJECT OF EXPT

Bolt Body and Lug Intersection



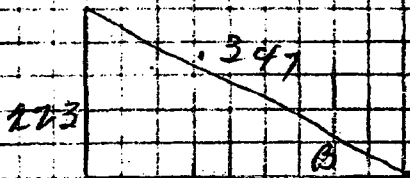
MIN LUG & MAX BOLT



$$\sin \alpha = \frac{.220}{.349} = .6304$$

$$\alpha = 39^{\circ} - 4' - 47''$$

MAX LUG & MIN BOLT



$$\sin \beta = \frac{.223}{.347} = .6426$$

$$\beta = 39^{\circ} - 59' - 5''$$

$$\beta - \alpha = 54' - 18'' = 54.3'$$

$$\frac{54.3}{360 \times 60} \times .698 \times \pi = \text{Linear Movement Approx.}$$

$$= .00552''$$

EXPERIMENTER

DATE

WITNESS

DATE