

I. TYPE DESIGNATION:

The type designations of magnetos shall conform to the following, and in the following sequence:

- "S" or "D" indicating single or double type.
- "F" or "B" indicating flange mounting or base mounting.
- A number indicating the number of cylinders served by the magneto.
- "L" or "R" indicating the left-hand (anti-clockwise) or right-hand (clockwise) rotation when facing the drive end of the magneto.
- A letter specified by the U. S. Government to designate the manufacturer.
- Modifications shall be indicated by a dash and an Arabic numeral.

Illustration: Type SF9LK indicates a magneto which is of single type, flange mounted, 9 cylinder, left-hand (anti-clockwise) rotation, and made by the contractor to whom the designation "K" has been assigned.

II. BLAST TUBE: Blast tube connections shall be used as shown in Fig. 1.

III. MAGNETO OUTLET ELBOW: Magneto outlets shall be in accordance with Fig. 2.

IV. MAGNETO RADIO INTERFERENCE:

- A. This specification covers radio interference for magneto installations.
- B. Resistance between magneto and engine shall not exceed 0.001 ohm.

V. GROUND AND HIGH TENSION TERMINAL CONNECTIONS:

- A. This specification covers the ground terminal connections and the high tension terminal connections.
- B. The dimensions of the ground terminal connections shall be identical with Fig. 3.
- C. The dimensions of the high tension terminal connections shall be identical with Fig. 4.
- D. All electrical terminals on magnetos shall be secured by a hexagon nut.

VI. SUPERCHARGING, OR FORCED VENTILATING, CONNECTIONS ON MAGNETOS:

- A. This specification covers all types of magneto supercharging, or forced ventilating, connections.
- B. All connections for supercharging or forced ventilating magnetos shall be tapped to fit 1/8 in. - 27 NPT pipe threads.

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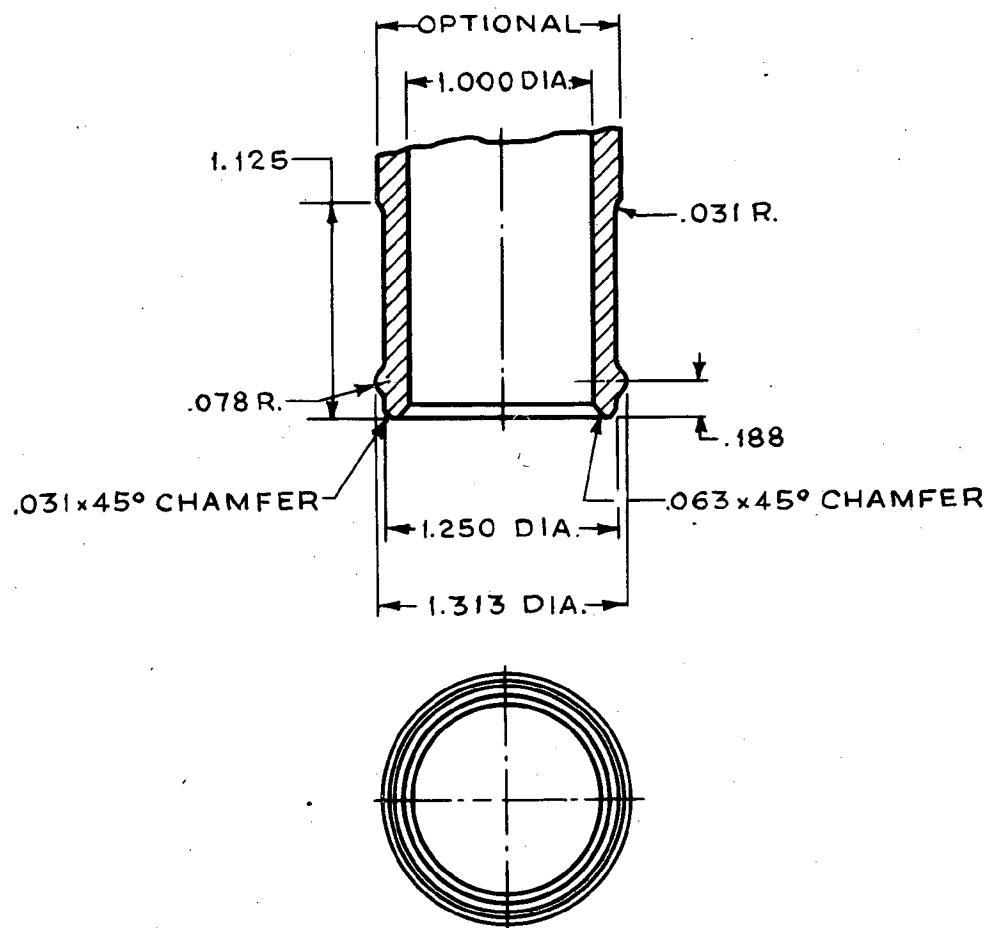


FIG. 1 MAGNETO-AIR BLAST CONNECTION

UNLESS OTHERWISE SPECIFIED, ALLOWABLE TOLER. ON FINISHED DIMS. IS $\pm .010$.