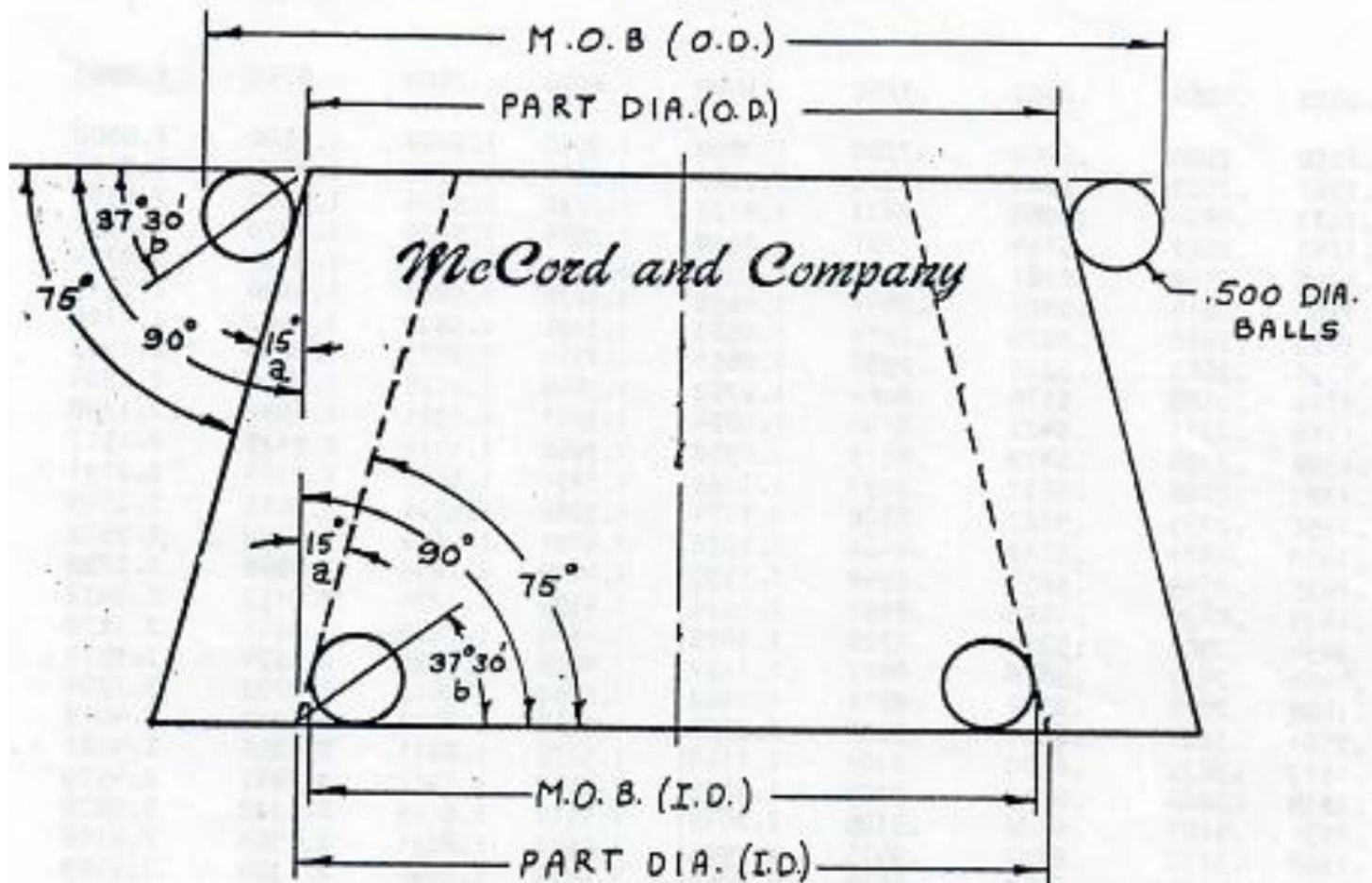


Acute Calculations

METHOD OF CALCULATION FOR MEASUREMENT OVER BALLS ACUTE ANGLES ($90^\circ - a^\circ$)



$$\angle b = \frac{90^\circ - \angle a}{2} = 37^\circ 30'$$

CALCULATED DIMENSION = $\cot \angle b + 1.000 \times \text{BALL DIA.}$

CALCULATED DIMENSION = $\cot 37^\circ 30' = 1.3032$

PLUS $\frac{1.0000}{2.3032}$

TIMES BALL DIA. $\times .5000$

CALCULATED DIMENSION = 1.1516

M.O.B. (O.D.) = PART DIA. (O.D.) + 1.1516

M.O.B. (I.D.) = PART DIA. (I.D.) - 1.1516 PLUS 2 BALL DIAS.