

NOTES

1. SURFACES A, B, C, D, E, F & G TO BE TURNED & INSPECTED IN SAME SET-UP, (E.G. ON A 36" BULLARD VERTICAL TURNING LATHE).
2. RUNOUT OF SURFACES A, B, F & G NOT TO EXCEED .002.
3. DIAMETERS A & B TO BE THE SAME WITHIN .002.
4. WIDTHS A-C & B-D TO BE THE SAME WITHIN .003.
5. WIDTH E-F TO BE UNIFORM WITHIN .003.
6. CUT TEETH BEFORE RING IS SEVERED.
7. RUNOUT OF SURFACES A, B & F NOT TO EXCEED .002 TIR WHILE TEETH ARE BEING CUT.
8. RUNOUT OF SURFACES A, B & F NOT TO EXCEED .002 TIR WHILE .835, 3.856, $\frac{17}{32}$ SECTION Y-Y HOLES, & $\frac{1}{2}$ TAP HOLES ARE BEING BORED.
9. SECTION Y-Y HOLES TO BE CONCENTRIC WITH EACH OTHER WITHIN .001 TIR & PERPENDICULAR TO A-B WITHIN .002 INCH/INCH.
10. CENTER "O" IS THE MEAN CENTER OF SURFACES A & B.
11. CENTERLINE "X" INTERSECTS CENTER "O" & IS TANGENT TO BOTH .835 HOLES.
12. MACHINE OFF SHADED AREAS (E.G. ON A GEL HORIZONTAL BORING MILL) TO THE POINT OF VISUAL TANGENCY WITH .835 HOLES.
13. SURFACE FINISH ON SURFACES A THRU F $\sqrt[32]{}$.