

FIGURE 1. DUCTILITY VERSUS PRESSURE FOR VARIOUS TYPICAL MATERIALS

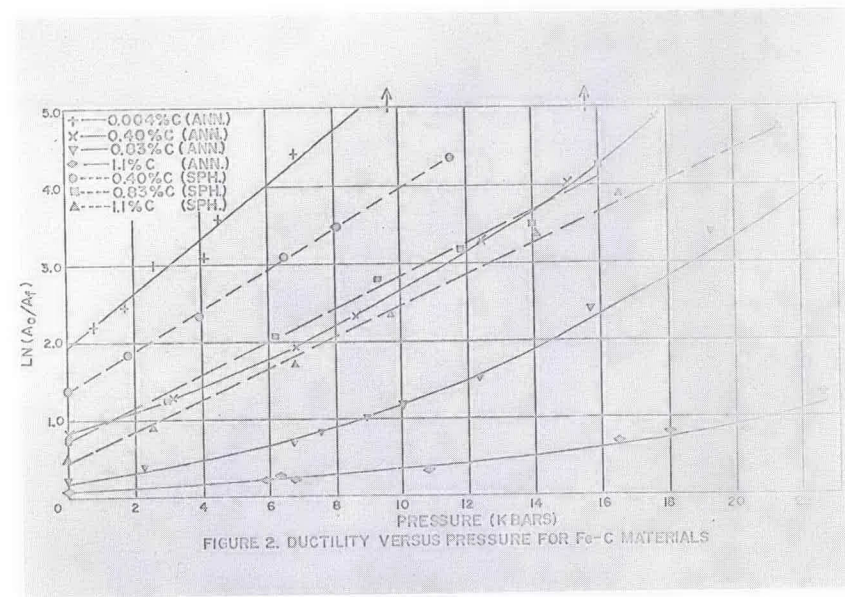


FIGURE 2. DUCTILITY VERSUS PRESSURE FOR Fe-C MATERIALS

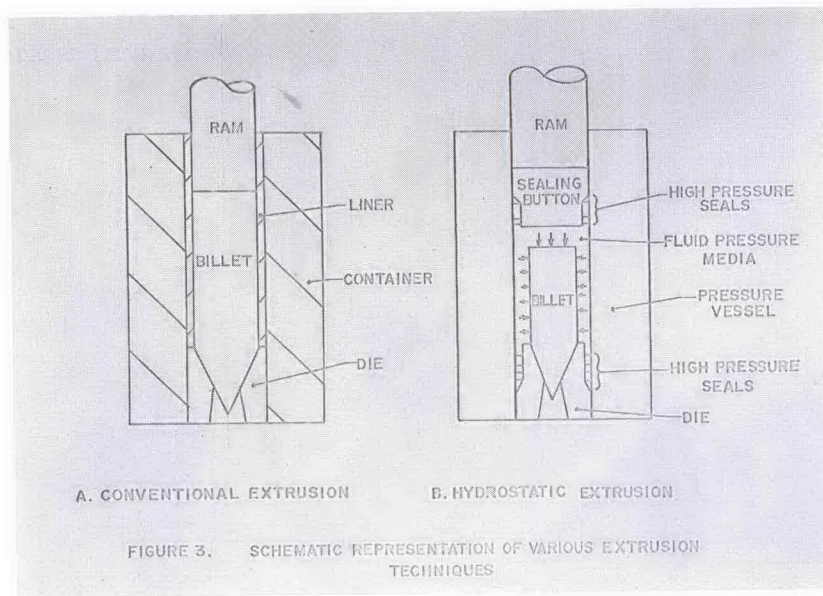


FIGURE 3. SCHEMATIC REPRESENTATION OF VARIOUS EXTRUSION TECHNIQUES

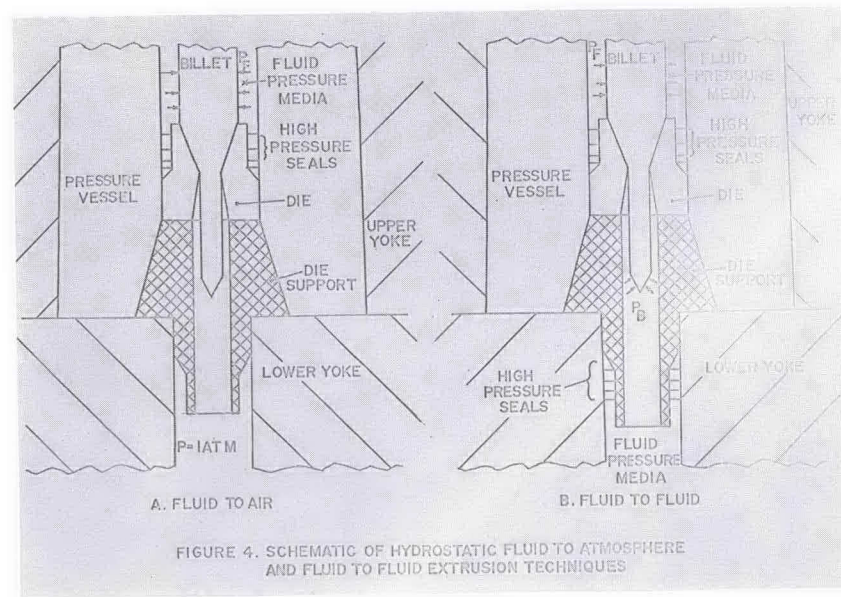
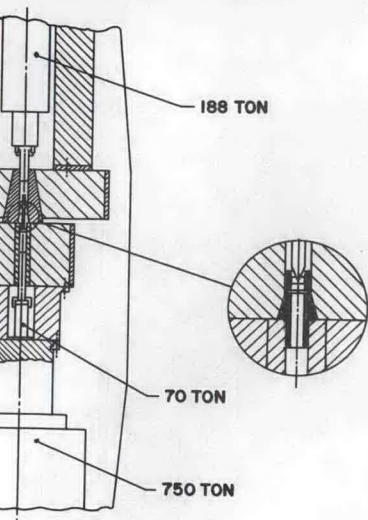
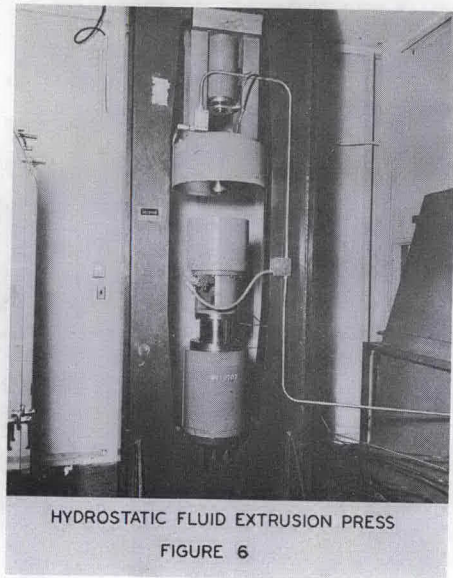


FIGURE 4. SCHEMATIC OF HYDROSTATIC FLUID TO ATMOSPHERE AND FLUID TO FLUID EXTRUSION TECHNIQUES



HYDROSTATIC EXTRUSION PRESS
FIGURE 5



HYDROSTATIC FLUID EXTRUSION PRESS
FIGURE 6

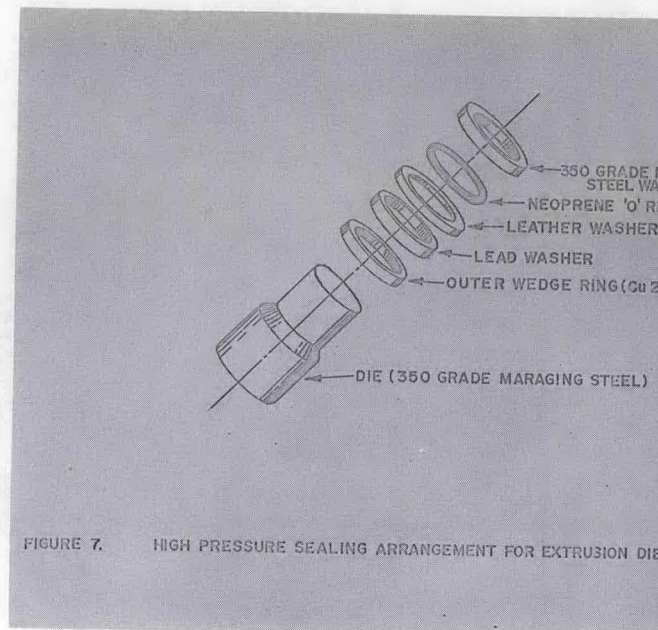


FIGURE 7. HIGH PRESSURE SEALING ARRANGEMENT FOR EXTRUSION DIE

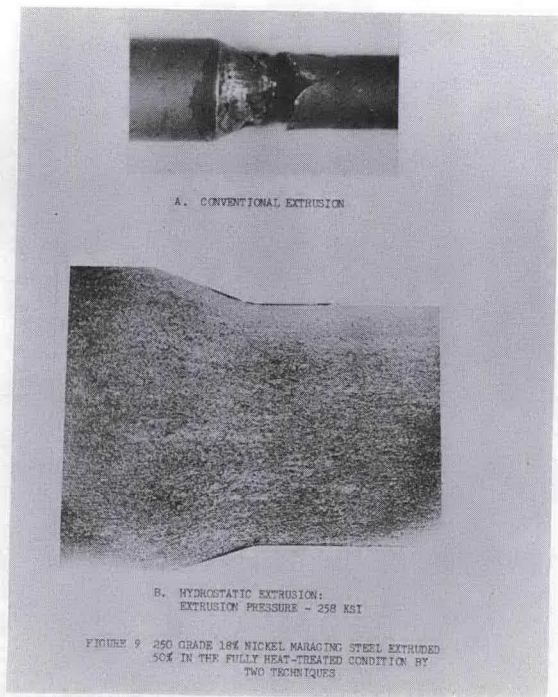


FIGURE 9 250 GRADE 18% NICKEL MARAGING STEEL EXTRUDED
50% IN THE FULLY HEAT-TREATED CONDITION BY
TWO TECHNIQUES

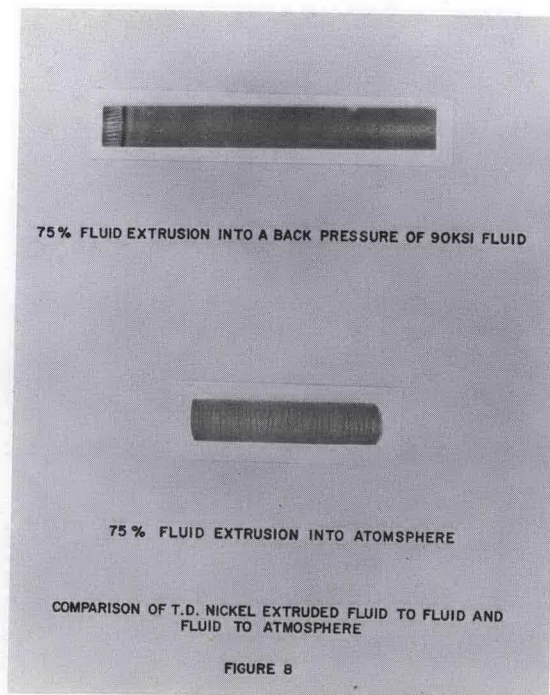


FIGURE 8