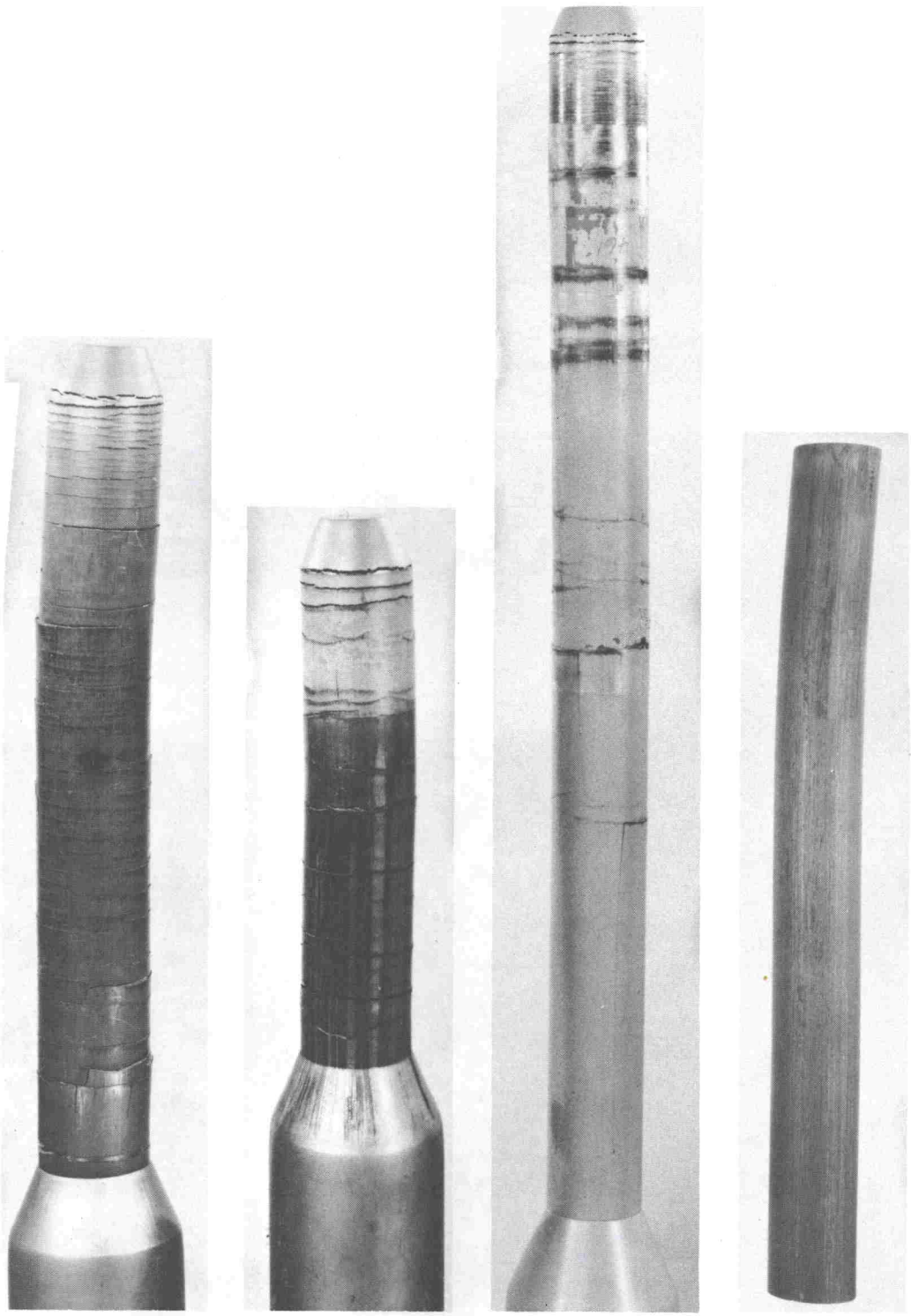
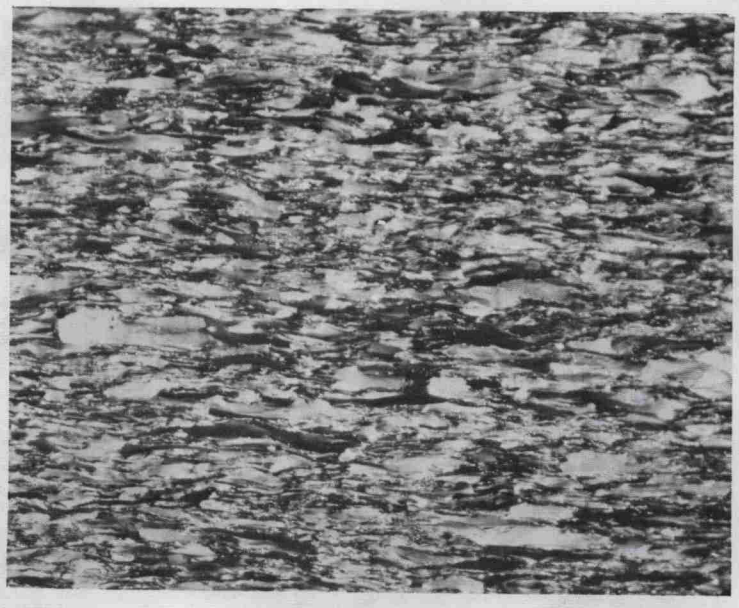


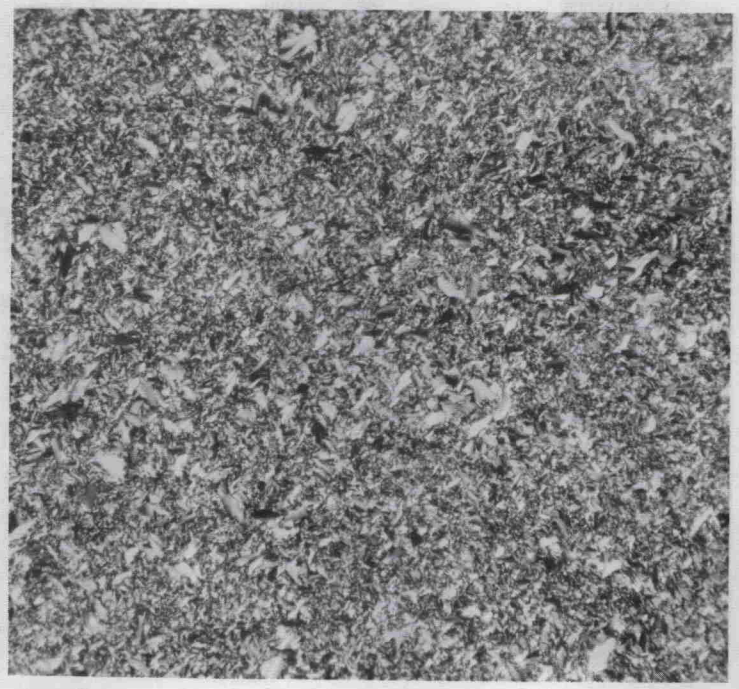
| | 35821 | 35821 | 35821 | 37022 |
|---|---|---|---|---|
| Trial | 377 | 417 | 461 | 495 |
| Extrusion Ratio | 2.5:1 | 2.5:1 | 3.3:1 | 4:1 |
| Temperature | 80 F | 500 F | 80 F | 80 F |
| Billet Lubricant | L38 | L38 | L38 | L38 |
| Die | Standard | Standard | Controlled Relief | Double Reduction (Die C) |

FIGURE 5. INFLUENCE OF DIE DESIGN ON CRACKING IN HYDROSTATIC EXTRUSIONS OF BERYLLIUM



100X 6B551

a. Longitudinal



100X 6B007

b. Transverse

FIGURE 6. PHOTOMICROGRAPHS OF BERYLLIUM COLD EXTRUDED AT A RATIO OF 4:1 BY HYDROSTATIC EXTRUSION WITHOUT FLUID COUNTERPRESSURE