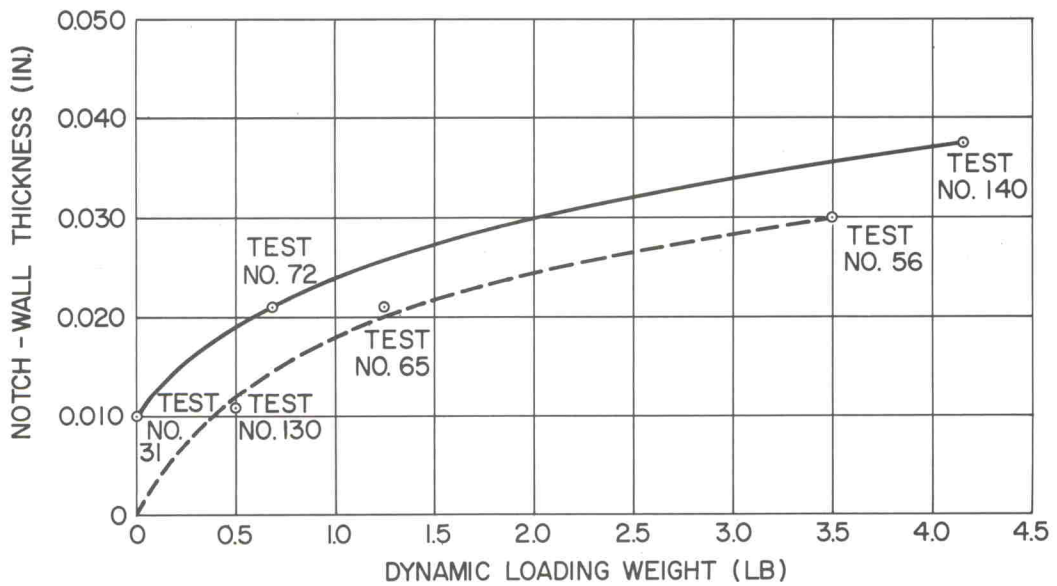
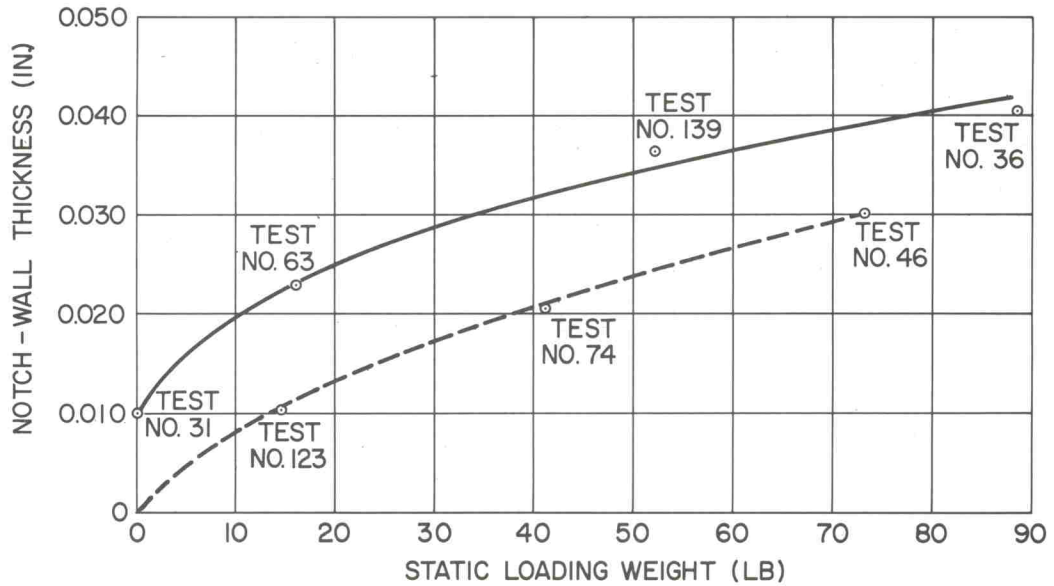


LEGEND:

- TEST PRESSURE = 45,000 PSIG
- - - TEST PRESSURE = 0 PSIG



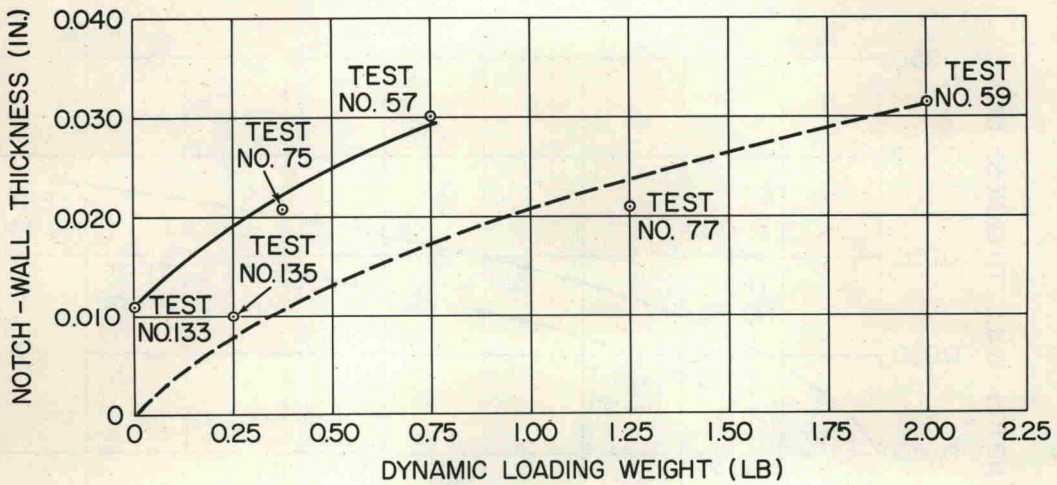
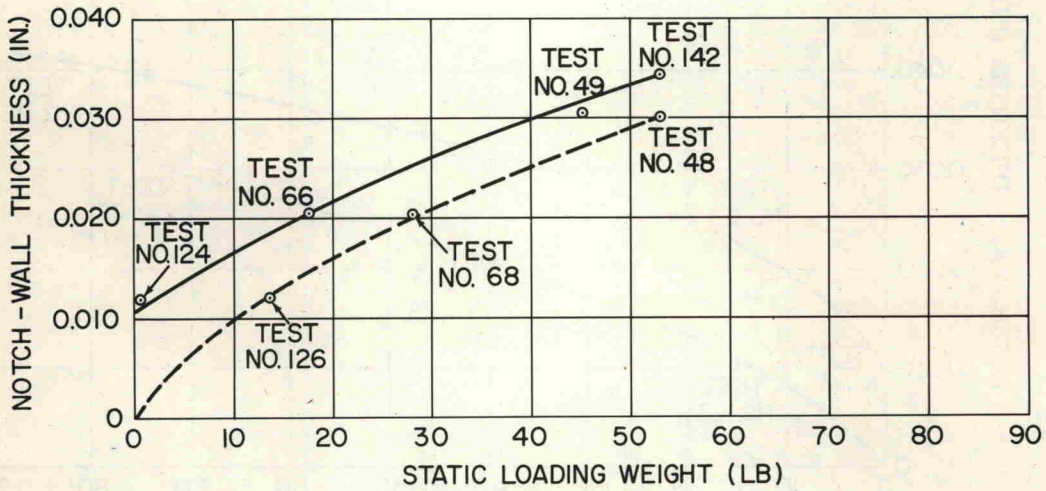
NOTES:

1. LOADING WEIGHTS APPLIED TO KNOCK-OFF TUBES AT POINT 2.00 INCHES FROM NOTCH
2. DYNAMIC LOADING WEIGHTS DROPPED FROM HEIGHT OF 6 INCHES (IMPACT VELOCITY \approx 68 IN./SEC)

FIG. 18 EFFECTS OF PRESSURE AND NOTCH-WALL THICKNESS ON FAILURE OF 3/8"O.D. (1/8" I.D.) TUBES, WITH NO CASEHARDENING, SUBJECTED TO STATIC AND DYNAMIC LOADS

LEGEND:

- TEST PRESSURE = 45,000 PSIG
- - - TEST PRESSURE = 0 PSIG



NOTES:

1. LOADING WEIGHTS APPLIED TO KNOCK-OFF TUBES AT POINT 2.00 INCHES FROM NOTCH
2. DYNAMIC LOADING WEIGHTS DROPPED FROM HEIGHT OF 6 INCHES (IMPACT VELOCITY \approx 68 IN./SEC)

FIG. 19 EFFECTS OF PRESSURE AND NOTCH-WALL THICKNESS ON FAILURE OF 3/8" O.D. (1/8" I.D.) TUBES, WITH 0.005-INCH CASEHARDENED DEPTH, SUBJECTED TO STATIC AND DYNAMIC LOADS