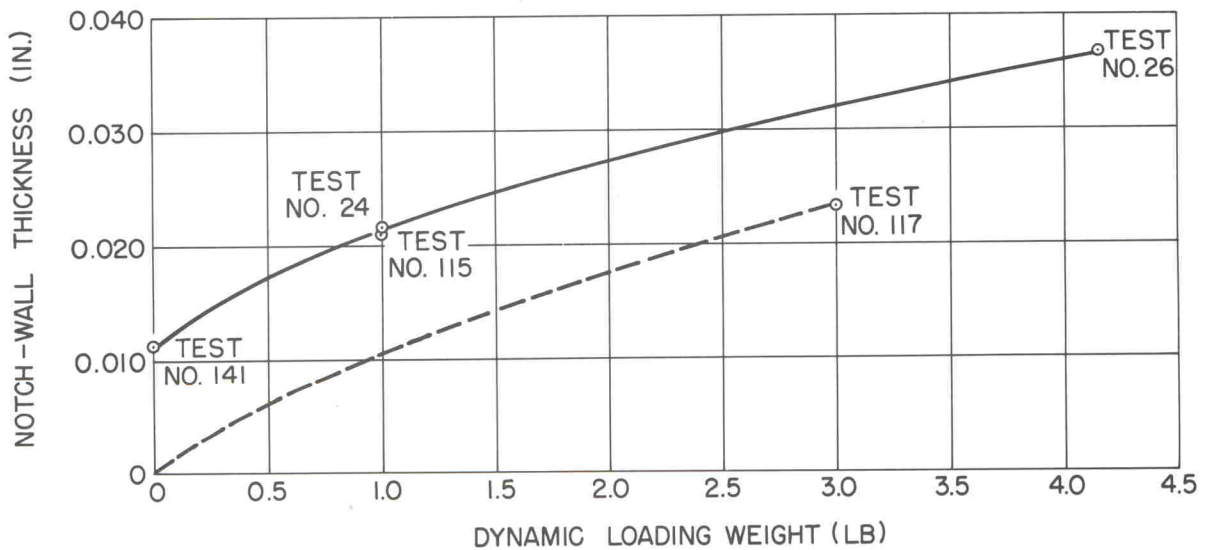
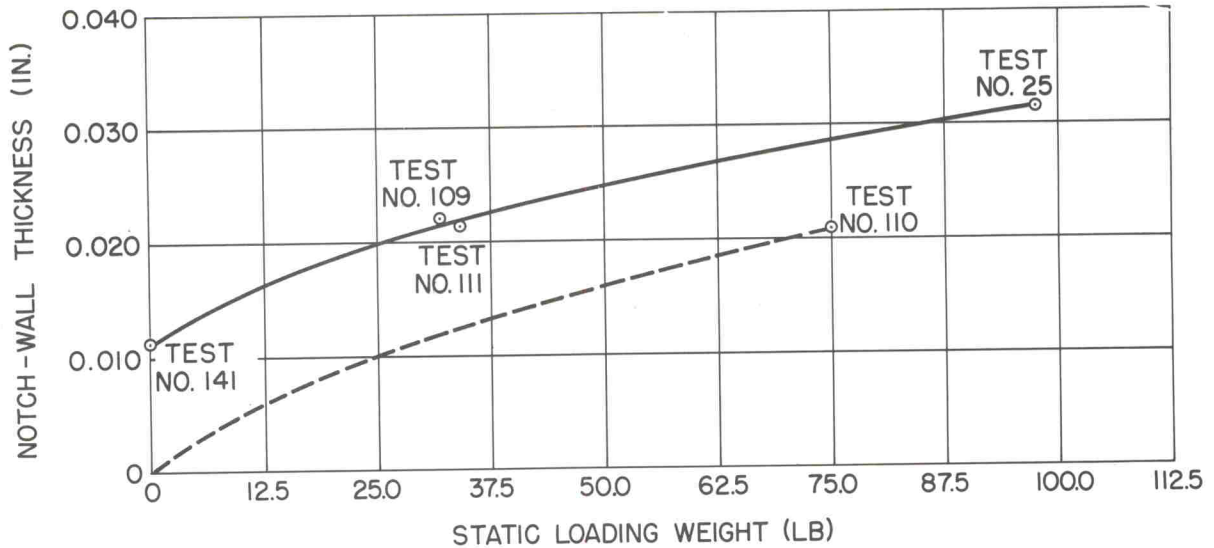


LEGEND:

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



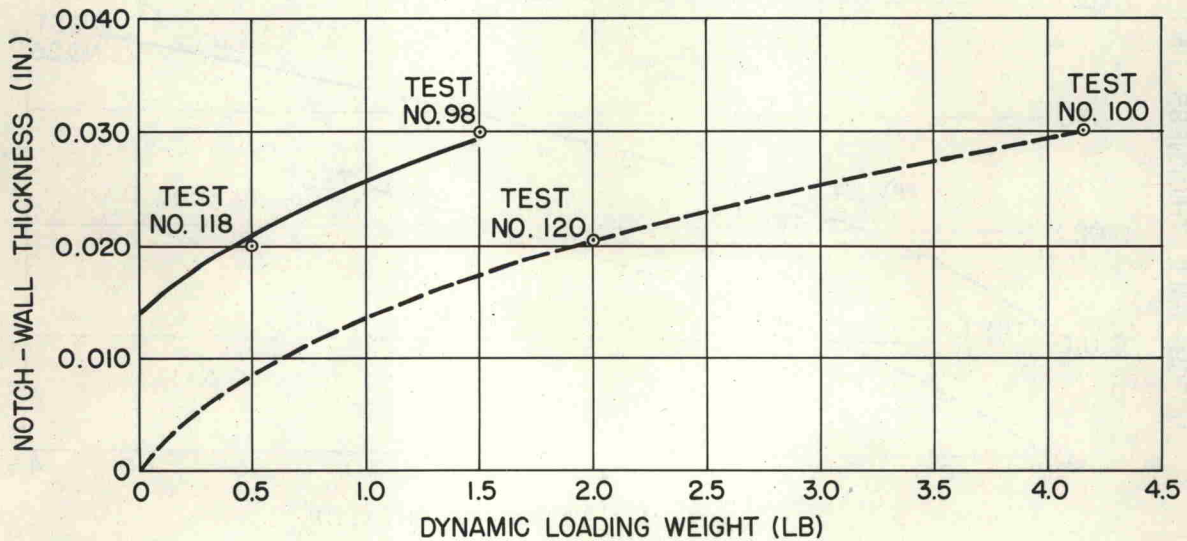
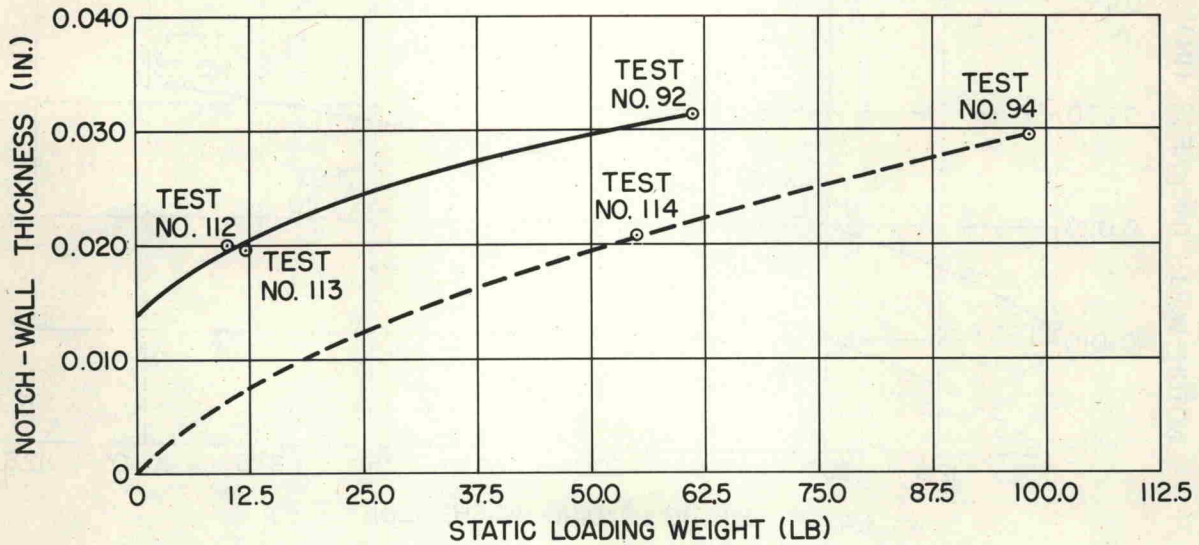
NOTES :

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

FIG. 21 EFFECTS OF PRESSURE AND NOTCH-WALL THICKNESS ON FAILURE OF 9/16" O.D. (3/16" I.D.) TUBES, WITH NO CASE-HARDENING, 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 WEIGHT DROPPED FROM HEIGHT OF 6 INCHES (IMPACT VELOCITY \approx 68 IN./SEC)

FIG. 22 EFFECTS OF PRESSURE AND NOTCH-WALL THICKNESS ON FAILURE OF 9/16" O.D. (3/16" I.D.) TUBES, WITH 0.005 INCH CASEHARDENED DEPTH, SUBJECTED TO STATIC AND DYNAMIC LOADS