

62-20457

I. Dvoryanov, P. A.

Dvoryanov, P. A.
THE EFFECT OF NONMETALLIC INCLUSIONS ON
FATIGUE FAILURE IN HARDENED ShKh15 STEEL
(Vliyanie Metallicheskih Vklucheni v Zakalennoi Stali
ShKh15 na Ustaloostnoe Vykrashivanie). [1962] [27]p.
(foreign text included) 2 refs.
Order from OTS or SLA \$2.60 62-20457

Trans. of Podshipnik (USSR) 1953, no. 5, p. 13-19.

DESCRIPTORS: *Ball bearings, *Roller bearings, *Steel,
Hardness, Impurities, Fatigue (Mechanics), Failure
(Mechanics), Stresses

The purpose of the present work is to establish the re-
lationship between the size, shape and nature of non-
metallic inclusions and fatigue failure of hardened
ShKh15 ball-bearing steel with hardness $R_c = 61$ to 65 ,
under alternating stress.
(Machinery--Machine Parts, TT, v. 9, no. 11)

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Reconditioning of Tapered Radial Thrust Roller
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