

Study on parts ion-plasma nitriding

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Abstract

© Published under licence by IOP Publishing Ltd. Nitriding is used in various industries to improve the operational reliability of a wide range of products: cylinder liners, crankshafts and camshafts, spindles of machine tools, stamping and cutting tools, turbine parts, etc. Durability and performance of instruments is largely determined by the surface condition and its properties. One of the most effective ways of hardening the surface is ion-plasma nitriding.

<http://dx.doi.org/10.1088/1742-6596/567/1/012030>
