## Surface Hardening Technology

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## Abstract

Surface hardening technology is an effective method to protect structural materials from wear loss. Since Nihon Parkerizing began providing salt bath nitriding in 1962, we have successfully introduced and improved many other surface hardening technologies such as carburizing (gas and liquid), austempering, ion nitriding (plasma nitriding), NCC-COAT (composite plating), and gas nitrocarburizing. In this article, the research results of these technologies are explained based on the previous Nihon Parkerizing tech reports.

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