

EDS

Engineering,
GM DAEWOO Auto & Technology.
Standards

NICO-BF PROCESS

EDS-M-3304

ISSUED DATE: 2001. 08. 06

REVISED DATE: 2005. 01. 28

VERSION: 3

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1. SCOPE

This standard shall be applied when some parts (among all parts used by GM DAEWOO Auto & Technology Inc.) go through Oxinitrocarburising process (NICO-BF process), with a view to enhancing surface hardening and corrosion-resistance.

2. METHOD TO MARK HEAT TREATMENT ON THE DRAWING

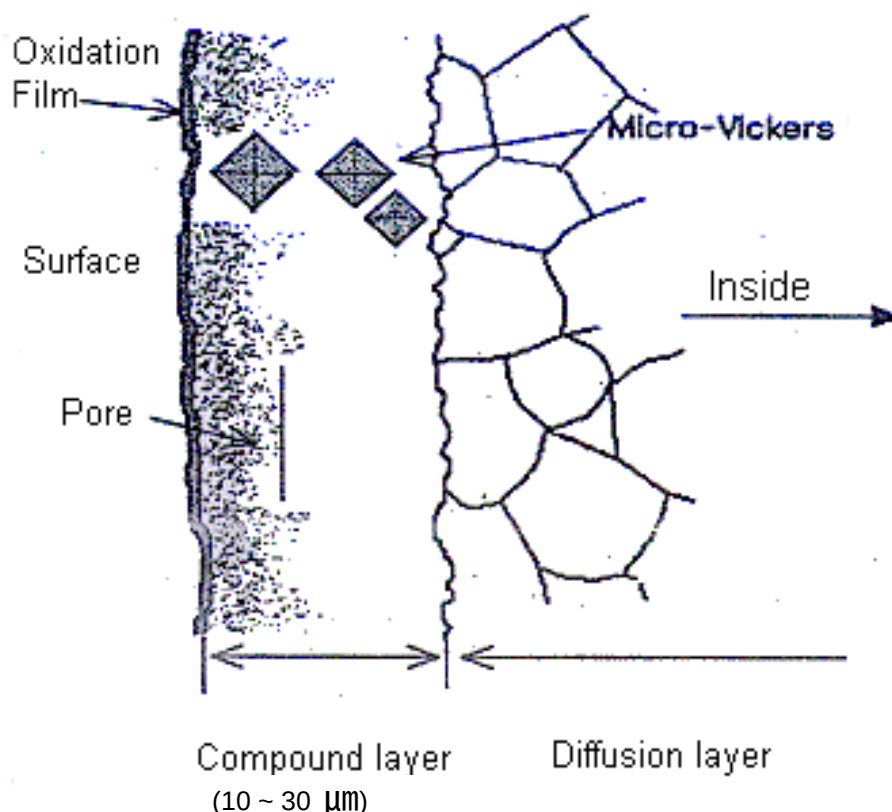
Gas Oxinitrobarburising process (NICO-BF process)

3. Term

3.1. Oxidation Film: This refers to the Oxidation film of Fe_3O_4 formed on the outermost surface of the compound in case of NICO-BF process.

3.2. Compound Layer: This refers to the nitrogen layer formed on the surface of a product. It is seen white through the microscope after getting Etching treatment.

3.3. Diffusion Layer: This refers to the nitrogen diffusion layer existing between the surface of a product and the base metal in case of NICO-BF process.



Picture 1. NICO-BF Sectioned Drawing