

COLD FORMING OF WORK-HARDENING METALS

by

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Project Report

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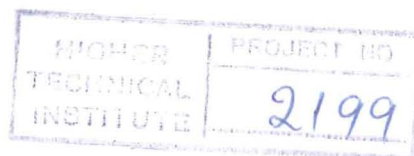
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ABSTRACT

This project report is divided into three parts.

The first part includes a study of work-hardening expression, and the several methods of cold forming of metals, such as extrusion, deep-drawing, wire-drawing, shearing and blanking.

The second part consist of the experimental work for the determination of the work-hardening expression of five specimens, tables of true stress and strain, graphs and finally the evaluation.

The third part includes the calculations needed for the design of the machine and several figures.

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