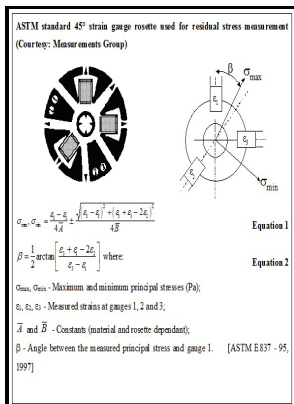


Residual stress measurements

- - VEQTER



Description: -

-
Communist education -- Russia.
City planning
Streets
Metals.
Strains and stresses. Residual stress measurements
-Residual stress measurements
Notes: Includes bibliographies.
This edition was published in 1952



Filesize: 51.81 MB

Tags: #Methods #of #measuring #residual #stresses #in #components

The Slitting Method for Measuring Residual Stress

For residual stress measurement, we employ industry-proven methods and specialise in the technique.

What is Residual Stress?

Centre hole drilling works on the principle of drilling a small hole into an object.

The Slitting Method for Measuring Residual Stress

Post-weld heat-treatments are often used to relieve or redistribute the residual stresses in a welded object.

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When the material containing residual stress is removed the remaining material reaches a new equilibrium state, which has associated deformations around the hole. Owing to the complexity of some of the measurement techniques, the measurement must be performed in a specialised facility. Additional add-on features include pole figures, retained austenite, or nitride analysis to make your system even more powerful.

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