## Mechanical properties of corrosion-resistant steel with double aging

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The mechanical properties of corrosion-resistant maraging steel 06X14H6D2MBT ( $9\Pi 817$ ), which was designed for producing the force-measuring resilient member operating at atmospheric conditions, with single and double aging changes were studied. The mode of double aging was selected for providing the maximum degree of strengthening with bending tests and lesser degree of softening after exposure to cyclic loads.

**Keywords:** mechanical properties of corrosion-resistant maraging steel, power elastic element, primary and secondary aging, bending strength, stability of the mechanical properties.

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