

Abstract Submitted
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The Uses and Benefits of Thermal, Acoustic, and Electromagnetic Stimuli in Conjunction with Standard Cryogenic Treatment of Metals

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None — We explore modifications to the basic cryogenic procedures utilized by 300 Below Inc. to strengthen metal components. We consider combinations of additional thermal, acoustic, and electromagnetic stimuli in our efforts to further optimize the cryogenic treatment – i.e., to augment the already improved tensile strength, shear strength, thermal and electrical conductivity, etc. resulting from traditional cryogenic treatment. We report the relative benefits of each stimulus independently as well as the effects of combinations of stimuli used in concert.

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None

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