

# **Microcracks Nucleation at the Top of a Stopped Twin**

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**Key words and phrases:** microcrack; twin; twin boundaries; twinning dislocation.

**Abstract:** Microcrack nucleation criteria at the top of a stopped twin for the power and thermally activated approaches have been determined. It is shown that jogged positions of twinning dislocations at the boundaries decrease the critical stresses of microcrack nucleation by approximately an order.