## Accepted Manuscript

Fracture Toughness of NiTi–Towards Establishing Standard Test Methods for Phase Transforming Materials

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PII: S1359-6454(18)30760-2

DOI: 10.1016/j.actamat.2018.09.048

Reference: AM 14857

To appear in: Acta Materialia

Received Date: 23 February 2018

Revised Date: 22 September 2018

Accepted Date: 23 September 2018

Please cite this article as: B. Haghgouyan, C. Hayrettin, T. Baxevanis, I. Karaman, D.C. Lagoudas, Fracture Toughness of NiTi–Towards Establishing Standard Test Methods for Phase Transforming Materials, *Acta Materialia* (2018), doi: https://doi.org/10.1016/j.actamat.2018.09.048.

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## **TEST METHOD FOR MEASURING FRACTURE TOUGHNESS IN THE PRESENCE OF MARTENSITIC TRANSFORMATION: Fracture toughness of NiTi**

## **Measurement of Fracture Toughness from Single CT Specimen**



□ Near-equiatomic NiTi CT specimens are tested under mode-I, isothermal loading

□ Load-load line displacement is recorded

□ Stable crack growth is observed throughout the tests







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