



Designation: F 2082 – 013

Standard Test Method for Determination of Transformation Temperature of Nickel- Titanium Shape Memory Alloys by Bend and Free Recovery¹

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1. Scope

1.1 This test method describes a procedure for determining the martensite-to-austenite transformation temperatures of nickel titanium alloys by measuring the deformation recovered during the thermal transformation.

1.2 The values in SI units are to be regarded as the standard. The values given in inch-pound units are provided for information only.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

E 220 Test Method for Calibration of Thermocouples by Comparison Techniques²

¹ This test method is under the jurisdiction of ASTM Committee F04 on Medical and Surgical Materials and Devices and is the direct responsibility of Subcommittee F04.15 on Material Test Methods.

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