

The Biomechanical Material Testing Laboratory works based on the quality assurance system regulated by the international standard EN ISO 17025. The test activity of the Laboratory was accredited in 2007 by the Hungarian Accreditation Board.

The detailed list of our standard testing procedures:

Test

Tensile Testing of Metallic Materials

Testing of welded joints of thermoplastics semi-finished products. Tensile test

Determination of tensile properties -- Part 1: General principles

Methods for determining the density of non-cellular plastics -- Part 1: Immersion method, liquid pyknometer method and titration method

Determination of compressive properties

Determination of flexural properties

Determination of tensile properties -- Part 2: Test conditions for moulding and extrusion plastics

Determination of tensile properties -- Part 3: Test conditions for films and sheets

Determination of tensile properties -- Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites

Determination of tensile properties -- Part 5: Test conditions for unidirectional fibre-reinforced plastic composites

Plastics and ebonite -- Determination of indentation hardness by means of a durometer (Shore hardness)

Standard Guide for Evaluating the Static and Fatigue Properties of Interconnection Mechanisms and Subassemblies Used in Spinal Arthrodesis Implants

Standard Specification and Test Methods for External Skeletal Fixation Devices

Standard Test Methods for Spinal Implant Constructs

Standard Specifications and Test Methods for Components Used in the Surgical Fixation of the Spinal Skeletal System

Standard Specification and Test Methods for Intramedullary Fixation Devices

Standard Specification and Test Method for Metallic Bone Plates

Standard Specification and Test Methods for Metallic Medical Bone Screws

Standard

**MSZ EN ISO 6892-1:2010**

**MSZ EN 12814-2:2000**

**MSZ EN ISO 527-1:2012**

**MSZ EN ISO 1183-1:2013**

**MSZ EN ISO 604:2003**

**MSZ EN ISO 178:2011**

**MSZ EN ISO 527-2:2012**

**MSZ EN ISO 527-3:1996**

**MSZ EN ISO 527-4:1999**

**MSZ EN ISO 527-5:2009**

**MSZ ISO 868:2003**

**ASTM F 1798-13**

**ASTM F 1541 – 02 (2015)**  
(Chapter A7)

**ASTM F 1717-15**

**ASTM F 2193-14**

**ASTM F 1264-14**

## **ASTM F 382-14**

## **ASTM F 543-13e1**

You can find more information about our partners in the [references section](#)