



## MTS Series 687 Mechanical Wedge Grips

Fatigue-rated manual wedge grips

### Benefits

- » Economical option for dynamic testing
- » Side-loading for easy specimen access
- » Patent-pending preload reference tool
- » No hydraulic or pneumatic grip supply
- » Compatible with several static and dynamic load frames
- » No hydraulic power unit or hydraulic infrastructure required

The Model 687.003 Mechanical Wedge Grip offers a simple solution for dynamic testing. This fatigue-rated manual grip makes preloading easy with patent-pending sight gages that provide a quick reference showing how much preload is on the specimen.

The side-loading feature allows for quick installation and changing of specimens, reducing test setup time. And because no hydraulics are required, it is the perfect grip for low-force dynamic testing on an MTS Acumen® Electrodynamic Test System.

It is also an excellent choice for smaller labs or university programs that may not have the room or budget for hydraulic infrastructure. For low-force testing of smaller diameter or thickness specimens, this grip delivers the repeatability and ease-of-use you need to expedite your testing.



Revolution increment markings provide a visual indication of how much preload is on the specimen.

### Model 687.003 Specifications

<b>Dynamic Force Rating</b>	3 kN (675 lbf)
<b>Dynamic Torque Rating</b>	+/- 30 Nm (265 in-lb)
<b>Temperature Range</b>	-40C – 200C (-40F – 400F)
<b>Grip Weight (without wedges)</b>	2.9 kg (6.5 lb)
<b>Compatible Wedges</b>	647.02B
<b>Compatible Load Frames*</b>	Acumen 1, axial Acumen 3, axial Acumen 12, axial Bionix® 370.02, axial Landmark® 370.02 Landmark 370.10, with 15/25 kN actuators

\*Contact your MTS sales representative for details about attachment kits for Acumen 3 A/T, 12 A/T, Landmark 370.10 with other size actuators or other MTS load frames.



The Model 687.003 Mechanical Wedge Grips work with MTS Acumen Electrodynamic Test Systems to deliver accurate low-force testing results.



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ISO 9001 Certified QMS

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