



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 patentpending 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	
Dynamic Force Rating	3 kN (675 lbf)
Dynamic Torque Rating	+/- 30 Nm (265 in-lb)
Temperature Range	-40C - 200C (-40F - 400F)
Grip Weight (without wedges)	2.9 kg (6.5 lb)
Compatible Wedges	647.02B
Compatible Load Frames*	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.



