



A cable tensiometer is used during regular maintenance checks to measure the amount of tension in a cable in a host of different industrial applications. These measurements and, by association, their calibration are critical, too. Morehouse has the calibration solution with our Mechanical Tensiometer Calibrator, reference loadcell, adapters, indicator, and a set of standard cables. Morehouse has assembled a kit of nine standard cables that replicate the vast majority of applications for cable tensiometers, specifically for their calibration.

## Standard Features

- » A cable set comprises a bundle of nine cables of different diameters but a common length of 60 inches, designed to calibrate the majority of cable tensiometers.
- » All cables are proof tested to twice the recommended working load, ensuring correct and safe operation through its work cycle.
- » Compatible with Morehouse Adaptable Clevis Kits for calibrating several types of dynamometers and crane scales with only one set of clevises





**Technical Specifications**

Tensiometer Cab Tensiometer Cable Set, Part Number PCM-2MD-STD-9CK					
Cable Information	Length	Type	Specification	Proof Load lbf	Morehouse Part Number
1/16"-7x7 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	192	TN-0019-A
3/32"-7x7 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83421	370	TN-0019-B
3/32"-7-19 SSAC	2.00x 60" lg (± 1/2")	Type I, Comp B	MIL-DTL-83422	368	TN-0019-C
1/8"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83423	800	TN-0019-D
5/32"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83424	1120	TN-0019-E
3/16"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83425	1680	TN-0019-F
1/4"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83426	2800	TN-0019-G
7/32"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83427	2240	TN-0019-H
5/16"-7x19 GAC	2.00x 60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83428	3920	TN-0019-J

The measurement of cable tension is of particular importance when the cables are installed in aircraft, which are used in all shapes, sizes and types of aircraft. Here you see a Morehouse Deadweight Calibration Machine that was custom-built to calibrate aircraft cable tensiometers used to measure the tension in cables used in military aircraft.

