



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 are critical and, by association, their calibration is critical too. Morehouse has the calibration solution with our Mechanical Tensiometer Calibrator, reference loadcell, adapters, and indicator, along with a set of standard cables. Morehouse has assembled a kit of 9 standard cables that replicate the vast majority of applications for cable tensiometers, specifically for their calibration.

Standard Features

- » A cable set comprises 9 cables of different diameters and number of bundles, but all have 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 Cable Set, Part Number PCM-2MD-STD-9CK					
Cable Information	Length	Type	Specification	Proof Load lbf	Morehouse Part Number
1/16"-7x7 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	192	TN-0019-A
3/32"-7x7 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	370	TN-0019-B
3/32"-7x19 SSAC	60" lg (± 1/2")	Type I, Comp B	MIL-DTL-83420	368	TN-0019-C
1/8"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	800	TN-0019-D
5/32"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	1120	TN-0019-E
3/16"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	1680	TN-0019-F
1/4"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	2800	TN-0019-G
7/32"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	2240	TN-0019-H
5/16"-7x19 GAC	60" lg (± 1/2")	Type I, Comp A	MIL-DTL-83420	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.

