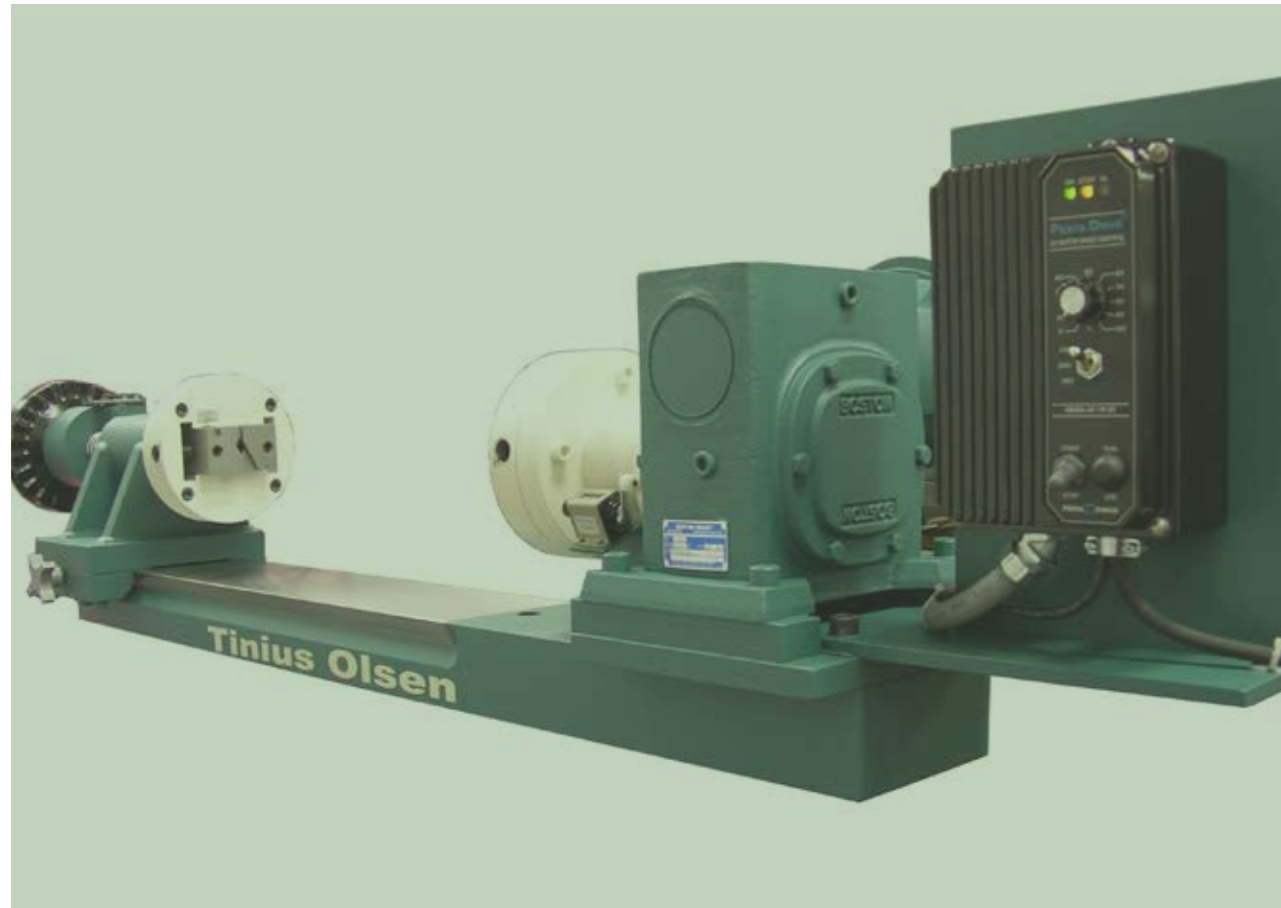


# Wire Twisters



# Wire Twister



**The Tinius Olsen wire twisting machine is a benchtop system that provide the simplicity, performance and affordability needed for quality control and product testing.**

The wire twister from Tinius Olsen is designed to check the number of twists required to fracture a wire. Normally furnished as a bench unit, these machines are also available as floor models, and as multiple twisting units for simultaneously testing two, three or more samples.

The standard, variable speed, motor drive makes up to 62 twists per minute (rpm) with a maximum torsion rating of 1,500 in.-lbs. A counter indicates the total number of twists, and automatically stops the machine when the specimen fails. Wire samples up to 18" long can be accommodated. An initial tensile load of up to 150lbs. can be applied to prevent kinking. Load is read in 2lb. increment on a scale.



# Model T/BW Specifications

The primary difference between the Models T and BW is that the Model T has three jaw chucks for soft wires whereas model BW has special flat holders for bent wire ends for hard material.

## Key Features

- + Three jaw chucks for soft wire from 5/16" to 1-1/2" in diameter **[Model T]**

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- + Special flat holders for bent wire ends for hard material 0.001" to .500" in diameter **[Model BW]**

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- + 62 twists per minute (rpm)

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- + Revolution counter

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- + Wire samples up to 18" long can be accommodated



Models	T		BW
Item #	10014001		10015001
Fixture for material	3 jaw chucks for soft wire		Flat holders for bent wire ends for hard material
Capacity	N.m	169	169
	in.lbf	1,500	1,500
Specimen diameter range	mm	8-38	0.03-13
	in	0.3125-1.5	0.001-0.5
Maximum specimen length	mm	457	457
	in	18	18
Dimensions (HxWxD)	mm	457 x 1626 x 635	457 x 1626 x 635
	in	18 x 64 x 25	18 x 64 x 25
Weight	kg	317	317
	lbs	700	700
Power	220V, 50/60Hz, Single phase		

**Notes:**

- Optional low friction for wire TM model BW
- + 10015006 - High tensile force (150lbf/700N)
  - + 10015007 - Low tensile force (40lbf/100N)

Specifications are subject to change without notice



# Wire Twister

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- + Horsham, PA, USA
- + Redhill, Surrey, UK
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