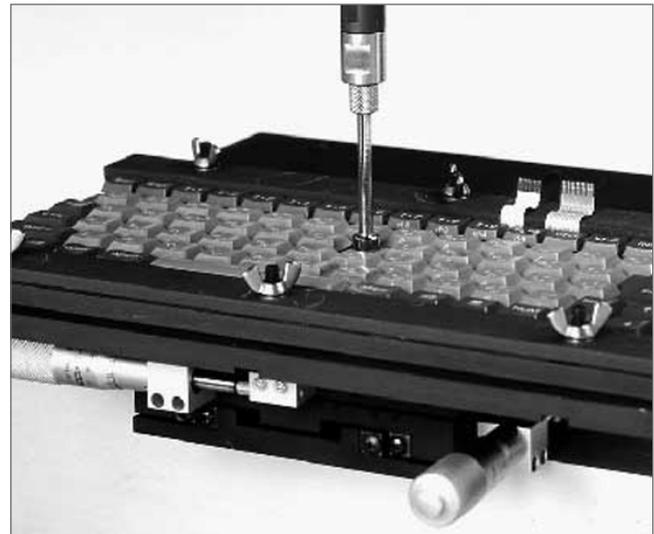


Keyboard Compression Test Jig

This test jig is used for compression testing keys on computer keyboards. The keyboard compression test jig includes a 30 mm (1.2 in) compression plate, a keyboard holder, and a compression and bending loading jig. It should be ordered according to the capacity of the load cell with which it will be used. Compatible load cells are AG-X plus series and AGS-X series load cells with a maximum capacity from 50 N (11 lbf) to 10 kN (2,200 lbf).

The keyboard is clamped into a holder attached to the table of the universal tester. This holder is designed with micrometers to move the keyboard in the x- and y-directions aligning the keys with the compression plate.



This keyboard compression test jig cannot be installed on universal testers with safety covers attached.

Relevant Materials

Electronics

Operation

The keyboard is placed into the holder and secured by tightening nuts spaced around the holder. The micrometer heads are used to align the desired testing area with the compression plate.

Specification

Maximum Capacity			Applicable Keyboard Size		Upper Plate Diameter	Temperature Range	Upper Plate Mass
			Width	Length			
N	kgf	lbf	mm (in)	mm (in)	mm (in)	°C (°F)	kg (lb)
100	10	22	460 max. (18.1 max.)	140 to 175 (5.5 to 6.9)	30 (1.2)	0 to 40 (32 to 104)	0.040 (0.088)

Ordering Information

P/N	Description
Keyboard Compression Test Jig Includes: 30 mm upper compression plate, keyboard holder, and compression and bending loading jig	
346-53925-07	Keyboard compression test jig for AG-X plus series 10 kN load cells
346-53925-08	Keyboard compression test jig for AG-X plus series 50 N to 5 kN load cells
346-53925-57	Keyboard compression test jig for AGS-X series 10 kN load cells
346-53925-58	Keyboard compression test jig for AGS-X series 500 N to 5 kN load cells
346-53925-63	Keyboard compression test jig for AGS-X series 50 N and 100 N load cells

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