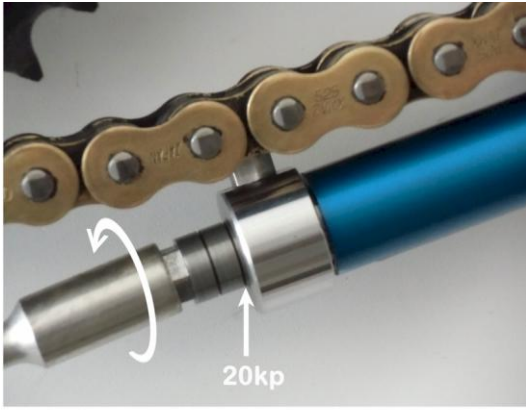


MADE IN GERMANY



Digital CEM Chain Elongation Measurement System

Seal-ring chains (O, X, Z, quad ring) reveal a longer service life than open roller chains. However, the process of computing the correct wear values is much more difficult compared to open roller chains.

Increase in length – the only true indicator!

The wear limit on seal-ring chains is approx. 1%. Some motor-cycle manufacturers quote a maximum increase in length of approx. 0.6% as being the limit to wear.

The range of values required to be determined is thus below 2 mm.

For the very first time, the Digital-CEM elongation measurement system makes it possible to determine the exact degree of wear. To obtain reproducible and recordable measured values a special tensioning device has been developed along with a digital calliper gauge which facilitates reading off the increase in length either in mm or inches.

Simple to use:

First of all, using the tensioning device, a section of the chain is first tensioned. (On motor-cycle chains the test load should be approx. ~ 20kp.) With the aid of the calibration calliper the contact surfaces of the calliper gauge are inserted in the mass position of a new chain and calibrated by pressing the “zero” button. The magnetic contact surfaces can then be placed onto the outer chain links and the increase in length read off on the digital display. Chain sets due to be replaced can be installed comfortably and in true alignment with the L-CAT chain alignment tester incorporated in the system.

Advantages:

In the repair shop the degree of chain wear is quantified by means of measured values and can be recorded in the checklist.

The customer understands that generally-known but meanwhile obsolete test criteria can no longer be applied to modern seal-ring chains.

(Digital-CEM / Dez.2015)

Digital-CEM (Chain Elongation Measurement)

The industrial specifications with regard to wear limits on roller chains are clearly defined.

For the very first time, this service tool facilitates correct, uncomplicated and speedy checking of these specifications. The initial production series is designed for chains with the following dimensions: 420/428 and 520/525/530/532.

Scope of Delivery:

- 1 tensioning device up to 30 kp test load
- 1 calibration calliper for 400 / 500 type chains
- 1 CEM calliper gauge with RS232C data output (display in 0.01mm or 0.0005")
- 1 L-CAT line-laser type chain alignment tester 1 L-CAT.



Net Price: Euro 377,31 / US \$ ~ 425,00

Net Price: Euro 289,90 / US \$ ~ 326,00
(without laser - chain aligner)

Article No.: CEM420-532 Weight: 1.25kg

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