

Safety Warnings - please read

- Wear eye and hand protection when using this tool.
- Always carefully clean the tool components after each use.
- Do not use the tool for any purpose other than for which it is designed.



Safety First. Be Protected.

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



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Distributed by The Tool Connection Ltd
Kinson Road, Southam, Warwickshire CV47 6DR
T +44 (0) 1926 815000 F +44 (0) 1926 815005
info@toolconnection.co.uk www.toolconnection.co.uk

Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.

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Part No. 5493

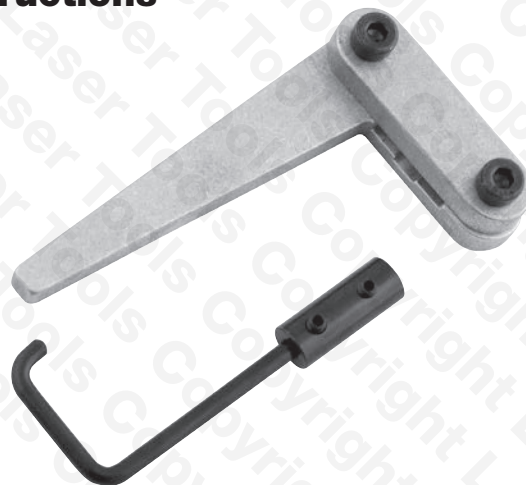
LASER[®]

Brake Disc Measurement Gauge

for Vernier calipers for use with wheels in situ



Instructions



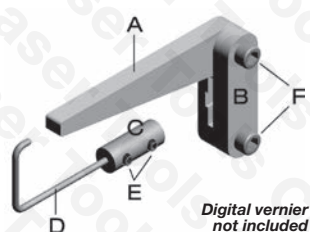
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Introduction

Developed by Laser Tools to allow the user to use a standard digital vernier caliper that is equipped with a depth gauge bar to measure brake disc thickness without removing the wheels.

- Fits easily to most digital Vernier calipers, please see Laser Part No. 4263.
- Quick and simple to use.
- Ensures more accurate quoting without needing to remove the wheels or strip the brakes first.
- Access can be through the cooling slots in the wheels or from behind the wheel as shown.

Components



Ref.	Description
A	Base Plate Anvil
B	Clamping Plate
C	Offset Measuring Fixture Adaptor
D	Offset Measuring Fixture
E	Socket Head Grub Screw (M3)
F	Socket Head Setscrew (M4)

Assembly



Refer to image above:

- Mount components to the Vernier gauge.
- Ensure the anvil tip and offset measuring fixture align correctly.
- Don't over tighten any of the holding screws.
- Gauge can be zeroed when offset fixture (D) is slid against baseplate anvil (A).

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Instructions

Method A

1. Insert the assembled tool through an appropriate wheel ventilation hole or from behind the wheel and latch the tool on to the brake disc ensuring the offset measuring fixture contacts the opposite side of the disc.
2. Close the anvil and offset fixture so they grip the disc gently and then zero the vernier.
3. Now remove the tool and slide the anvil and offset measuring fixture so they touch and take the reading from the Vernier.

Note: this reading will be a negative reading but the reading will still equate to the thickness of the disc. Compare the reading to manufacturer's minimum thickness.

Method B

1. Slide the anvil and offset fixture together and zero the Vernier.
2. Fit the tool to the disc as described above.
3. Take the reading directly from the Vernier whilst holding the tool steady. This is the disc thickness.



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