

Complete the text with the correct words from the table below.

VERNIER CALLIPERS [*ˈvɜniə ˈkæləpə(r)z*]

To¹ sizes to a tolerance of less than 1 mm, you need to use a² device which measures reliably and which can measure fractions of a millimetre, such as 1/10 or 1/20 mm.

A measuring device which fulfils this³ is the vernier calliper. The two⁴ of the vernier calliper measure much more accurately than a ruler or a tape. The vernier calliper is particularly suitable for measuring⁵.

Using the vernier, it is⁶ to divide millimetres so they can be read to 1/10th or 1/20th of a millimetre.

The vernier is seen on the⁷ arm of the vernier calliper. Its scale is⁸ into equal parts. When the zero line on the vernier is in line with a line on the main scale, the⁹ between the measuring arms is in whole millimetres. When the moving arm is moved 1/10 mm, the zero line of the vernier is in line with a line of the main scale.

By using the vernier calliper, you can measure to¹⁰ of a millimetre. Every vernier calliper has a¹¹ or a retainer to fix the moveable¹² if necessary. A depth probe may be attached to the moveable head.

Vernier callipers can also be used to measure inside diameters or the¹³ of a hole. Inside diameters are measured with the help of internal¹⁴ that can be found at the top of the¹⁵ arm and the moving arm.

1	a) measure b) measurement c) measuring	2	a) measure b) measured c) measuring	3	a) require b) requirement c) required
4	a) legs b) arms c) fingers	5	a) radiuses b) circumferences c) diameters	6	a) possibility b) possible c) impossible
7	a) move b) movement c) moving	8	a) divided b) division c) divide	9	a) space b) distance c) area
10	a) thousandths b) tenths c) hundredths	11	a) screwing lock b) screwed lock c) locking screw	12	a) neck b) shoulder c) head
13	a) depth b) width c) length	14	a) teeth b) lips c) jaws	15	a) fixing b) fix c) fixed