

HOW TO USE A CALIPER?

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The analog caliper is an essential measuring instrument in jewelry. It allows you to easily and accurately take the external and internal measurements of your cabochons and all the small items needed to create DIY costume jewelry. You can also measure the internal diameter of the pearls, very useful for choosing the wire you need!

It has two graduated parts: the rule which is fixed and the vernier which is mobile. The precision of the rule is counted in millimeters and that of the vernier ranges from 0.02 to 0.02 mm.

But how do you take a measurement with a caliper? This is what Lucie explains to you in this video.

Measure the length and width with a caliper

Step 1: Put your coin between the two nozzles. Be careful, it should not be placed at the end of the nozzles, as this would falsify the measurement.

Step 2: Move the vernier using the wheel to block your part without forcing.

Step 3: Tighten the locking screw to hold your part.

Step 4: Take the measurement indicated by the ruler. It should line up perfectly with the zero number on the vernier. If this is not the case, that is to say, if your measurement is not precise (the line falls between two measures), the first number to remember is that of the ruler. Then look at the scale of the vernier. It will be necessary to look for the line which coincides exactly with that of the graduation of the ruler. Then add this number to the one retained previously.

Step 5: Once your measurement is taken, loosen the screw to free your part. Above all, do not pull on your part at the risk of damaging it.

Measure the internal diameter with the caliper

Step 1: Put the two small jaws in opposition located on the upper part in the part to be measured.

Step 2: Move the slide until it touches both edges of your room, still without forcing.

Step 3: Tighten the locking screw to hold your part.

Step 4: Read the measurement indicated by the ruler and / or the vernier.

Step 5: Loosen the screw to free your part.

For more convenience (or not to waste time), know that there is the solution of the digital caliper. Its digital display screen allows easy reading and greater precision. Just remember to change the battery from time to time, or you may find yourself without the possibility of measuring your parts.

Analogue or digital, it's up to you to choose according to your affinities!

