

G1

30

20

10

0

G1.3 Gauge

● G1.3 Gauge

This gauge is recommended for measuring to 1/10th mm structural changes involving several centimetres, or noticeable development of a relatively large gap.



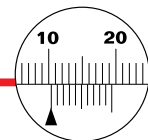
The standard G1.3 gauge is suitable for measuring a maximum width of 17 centimetres.

The G1.3 gauge is reusable.



This G1.3 Saugnac Gauge is based on the same two concepts:

- Measurements are made using a vernier measuring to 1/10th of a mm
- It can be fixed using double-sided self-adhesive tabs, glued if necessary, or attached mechanically using plugs and screws supplied with the gauge. (See our instructions: Advice on fixing by mechanical means).



The tools, measurements, expertise, and service

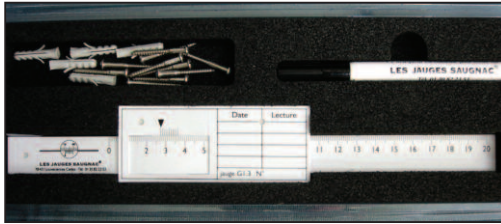
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Description of the G1.3 gauge



The G1.3 gauge pack

Dimensions: 260 x 40 mm, depth 3 mm, weight 8 g.
Traction force 55 g.

The G1.3 gauge is composed of a rule graduated from 0 to 20 cm sliding within a vernier plate and includes a table for noting dates and readings.

The gauge is made from extruded PVC. It is designed for interior and exterior measurement in a single plane of changes in wide gaps.

The G1.3 gauge is reusable.

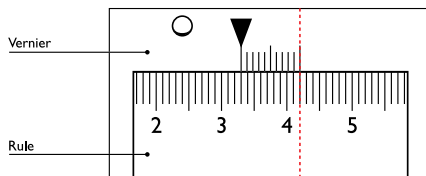
(See our instructions: Advice on fixing by mechanical means).

Examples of reading

1) Exact dimension

The ▼ of the vernier scale corresponds exactly to a millimetre graduation.

the dimension in mm is obtained directly

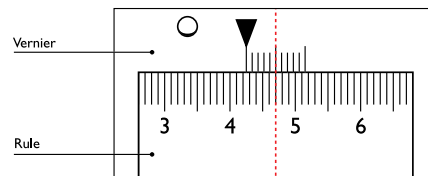


Reading: 33 mm*

*It can be seen that in the case of an exact reading the last mark on the right of the vernier scale corresponds to a millimetre graduation.

2) Reading with decimals

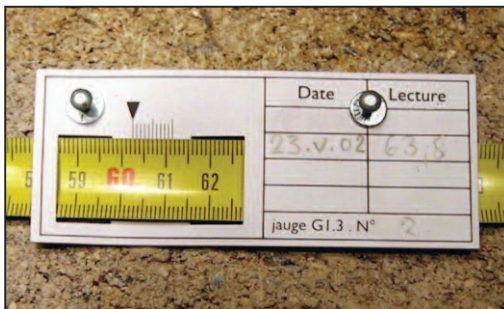
The ▼ of the vernier is between two millimetre divisions. The millimetre division to the left of the ▼ gives a reading in whole numbers of mm. Now look for a mark on the vernier coinciding with any mark on the rule. this mark indicates the decimal figure to add to the size in whole mm.



Reading: 42.5 mm*

*It can be seen in the example above, that it is clearly division 5 of the vernier which coincides with division 47 of the rule.

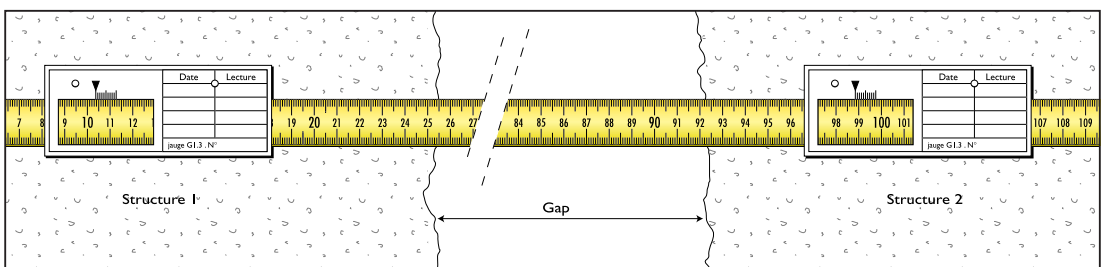
Using the G1.3 gauge



As a variation on the so-called "standard" use of the gauge with a rule of 20 cm as shown on the previous page, we propose:

- replacing the rule by another of 50 cm to assess a more significant variation in width,
- abandoning the standard rule and using a 19 mm wide steel millimetre tape passed through 2 vernier plates the distance between which is specified. The tape is fixed on one side.

See sketches to the left and below.



Intermediate plates can be positioned so as to avoid any buckling of the tape.