

How to read the vernier calliper

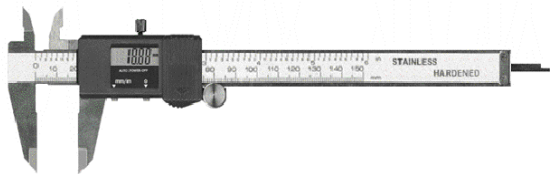
Read the number of full inches that show from zero on the main scale to zero on the vernier. In the figure, this would be 1.000 inch.

Read the number of divisions on the main scale beyond the last full inch to the zero of the vernier scale. The figure shows 0.425. Note that the zero line of the vernier is between the 0.425 and 0.450 lines on the main scale.

To read the vernier scale, read along the scale until you find the line on the vernier scale that lines up exactly with a line above on the main scale. In the figure (at right), the eleventh line is correct. This means that 0.011 is to be added to the main scale reading.

The sum of the readings in the paragraphs above is the correct reading of the calliper. In the example in the figure, it would be $1.000 + 0.425 + 0.011 = 1.436$ inches.

Vernier callipers are also available with dial indicators and even digital liquid crystal display (LCD) heads which do not require interpolation (direct reading) and some convert to metric at the touch of a button.



Artic Truck Parts & Service

EDSON

4720 ~ 2nd Ave.

Edson, AB., T7E 1C1

Phone (780) 723-6060

Toll Free 1-877-723-6060

Fax (780) 723-2060

After Hours (780) 723-1260

EDMONTON

63 Strathmoor Drive.

Sherwood Park, AB., T8H 0C1

Phone (780) 416-4444

Toll Free 1-800-667-4327

Fax (780) 416-4428

CALGARY

7034 ~ 30 Street SE.

Calgary, AB., T2C 1N9

Phone (403) 720-2910

Toll Free 1-800-661-1251

Fax (403) 720-3063

RED DEER

#3 ~ 6540 ~ 71 Street

Red Deer AB., T4P 3Y7

Phone (403) 348-0999

Toll Free 1-888-348-0999

Fax (403) 348-5198

Tech Tips & Information

Artic Truck Parts & Service disclaims any liability or responsibility arising out of any inaccuracies of this information.



Vernier Calliper

