



Vernier Calipers

Thumb Lock Style

	<p>Hardened stainless steel body Satin chrome finish Thumb Lock Depth Rod Four-way measurement: Outside Inside Step Depth Raised sliding surface to prevent wear to scale</p>
---	---


Code	Range	Metric Grads	Inch Grads	Accuracy	External Jaw Depth	Internal Jaw Depth
51-101-006	150mm / 6"	0.02	0.001	±0.02mm	40mm	18mm

Fine Adjustment Style

	<p>Hardened stainless steel body Satin chrome finish Fine adjustment Depth Rod Four-way measurement: Outside Inside Step Depth Raised sliding surface to prevent wear to scale</p>
--	--

Code	Range	Metric Grads	Inch Grads	Accuracy	External Jaw Depth	Internal Jaw Depth
51-100-006	145mm/5 1/2"	0.02	0.001	±0.02mm	40mm	18mm
51-100-008	200mm/8"	0.02	0.001	±0.03mm	48mm	20mm
51-100-012	300mm/12"	0.02	0.001	±0.04mm	63mm	20mm

Master Vernier Calipers

	<p>Hardened stainless steel body Satin chrome finish Micro-fine graduations, machine divided and engraved Fine adjustment Raised sliding surface to prevent wear to scale</p>
---	---

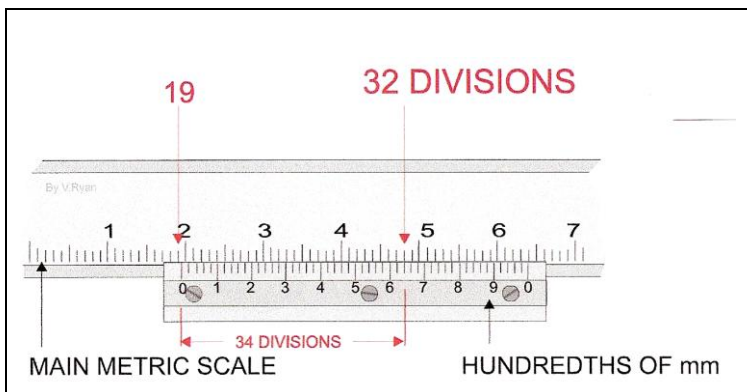
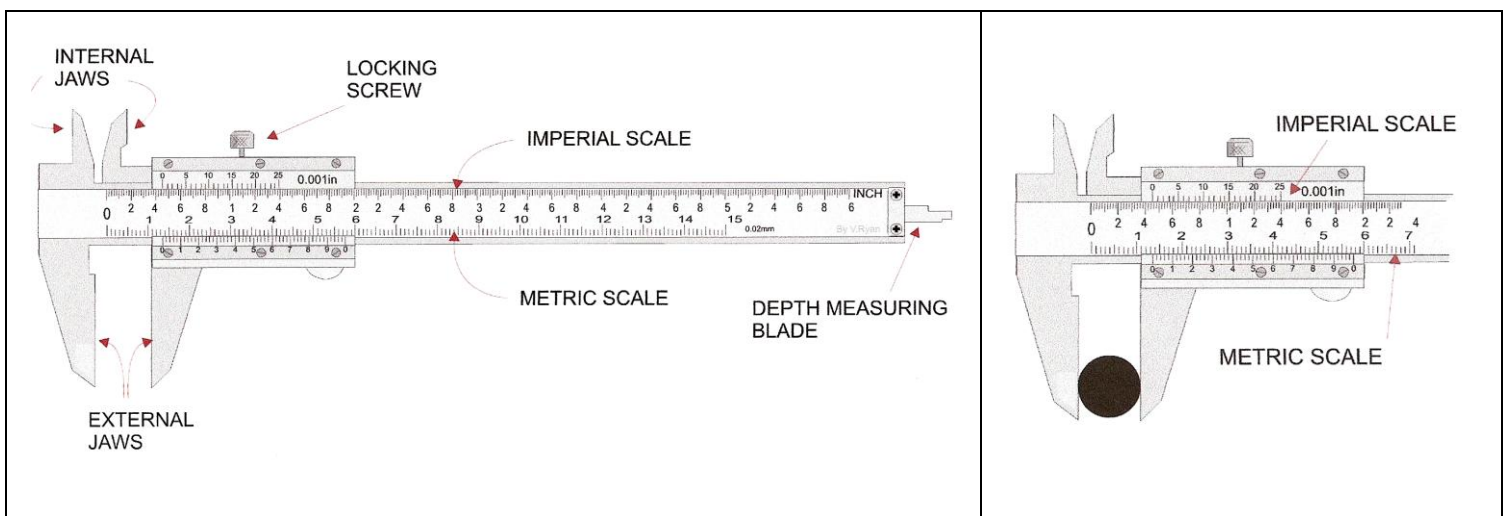
Code	Range	Metric Grads	Inch Grads	Accuracy	External Jaw Depth	Internal Jaw Depth
51-110-012	300mm/12"	0.02	0.001	±0.04mm	75mm	Not supplied
51-110-024	600mm/24"	0.02	0.001	±0.06mm	100mm	Not supplied
51-110-040	1000mm/40"	0.02	0.001	±0.07mm	150mm	Not supplied

Vernier Calipers

A Brief History

The Vernier Caliper is an instrument for making very accurate linear measurements. The instrument was first introduced in 1631 by Pierre Vernier of France. It utilises two graduated scales: The main scale which is similar to that on a rule plus a specially graduated sliding scale (called the Vernier scale). The Vernier scale slides parallel to the main scale and enables readings to be made to a fraction of a division on the main scale.

Reading a Vernier

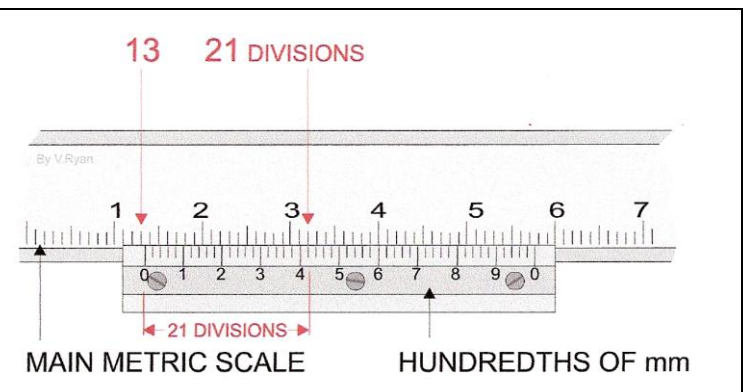


**Example 1:**

$$19 + 32 \times 0.02$$

$$19 + 0.64$$

$$19.64 = \text{Correct reading}$$



**Example 2:**

$$13 + 21 \times 0.02$$

$$13 + 0.42$$

$$13.42 = \text{Correct reading}$$