



Vernier Calipers

Thumb Lock Style

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|---|--|
|  | <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

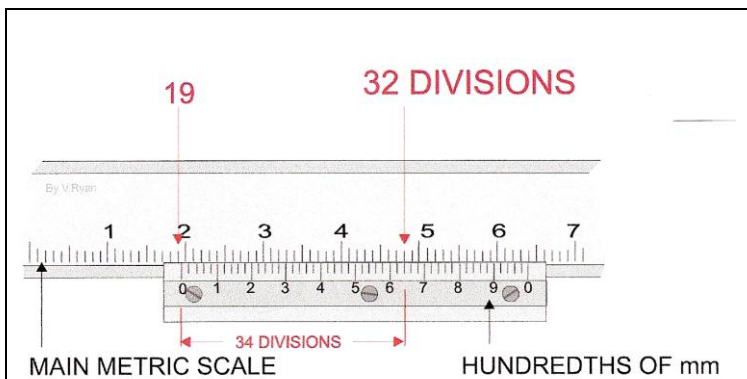
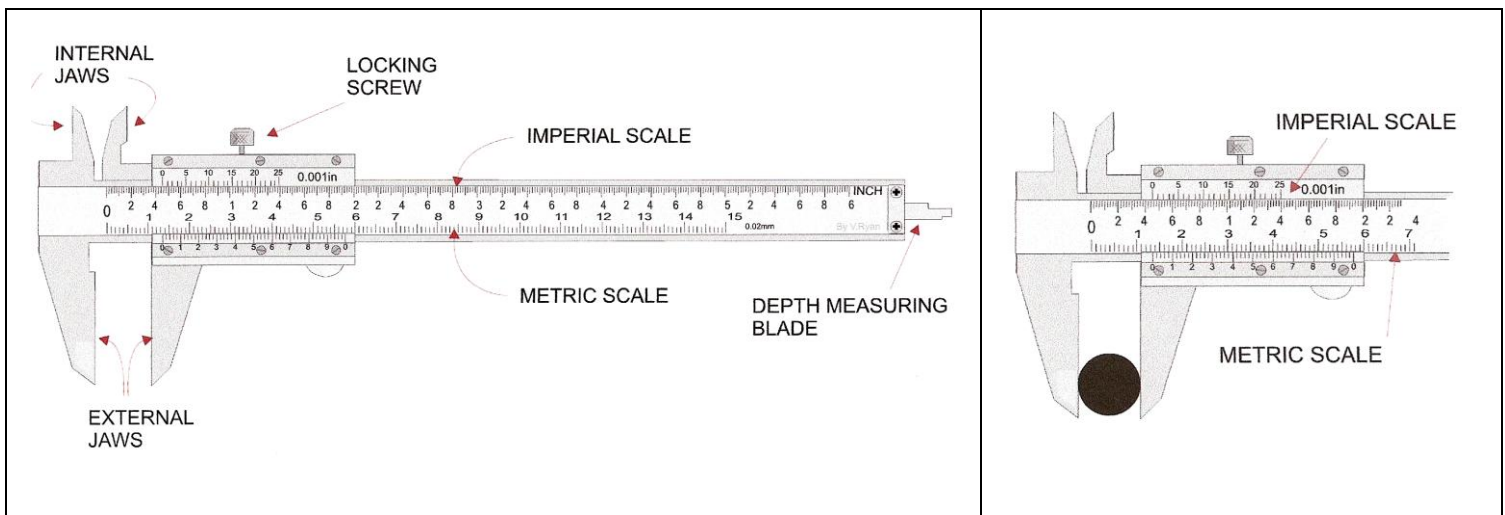
| | |
|---|---|
|  | <p>Hardened stainless steel body Satin chrome finish Micro-fine graduations, machine divided and engraved Fine adjustment Raised sliding surface to prevent wear to scale</p> |
|---|---|

| 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 |

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

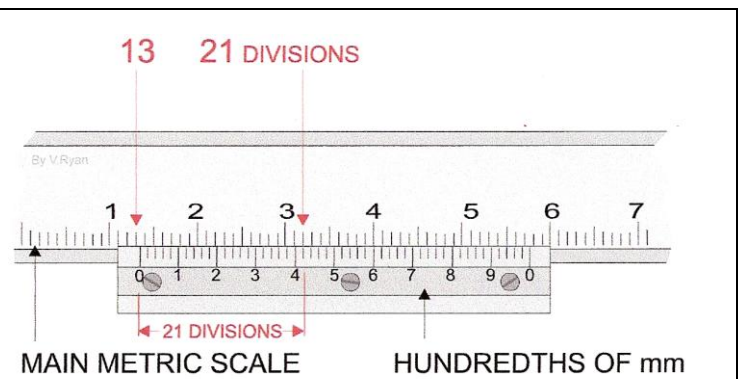


Example 1:

$$19 + 32 \times 0.02$$

$$19 + 0.64$$

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



Example 2:

$$13 + 21 \times 0.02$$

$$13 + 0.42$$

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