




Professionally approved products.

Datasheet


RS 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>
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Code	Range	Metric Grads	Inch Grads	Accuracy Ext. Jaws	Accuracy Int. Jaws & Depth Rod	External Jaw Length	Internal Jaw Length
4649952	150mm / 6"	0.02mm	0.001"	±0.02mm	±0.04mm	40mm	18mm

Fine Adjustment Style

	<p>Hardened stainless steel body Satin chrome finish Fine adjustment all models Depth Rod Four-way measurement: Outside Inside Step Depth Raised sliding surface to prevent wear to scale</p>
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Code	Range	Metric Grads	Inch Grads	Accuracy Ext. Jaws	Accuracy Int. Jaws & Depth Rod	External Jaw Length	Internal Jaw Length
8412530	145mm/5 1/2"	0.02mm	0.001"	±0.02mm	±0.04mm	40mm	18mm
8412533	300mm/12"	0.02mm	0.001"	±0.04mm	±0.08mm	63mm	20mm

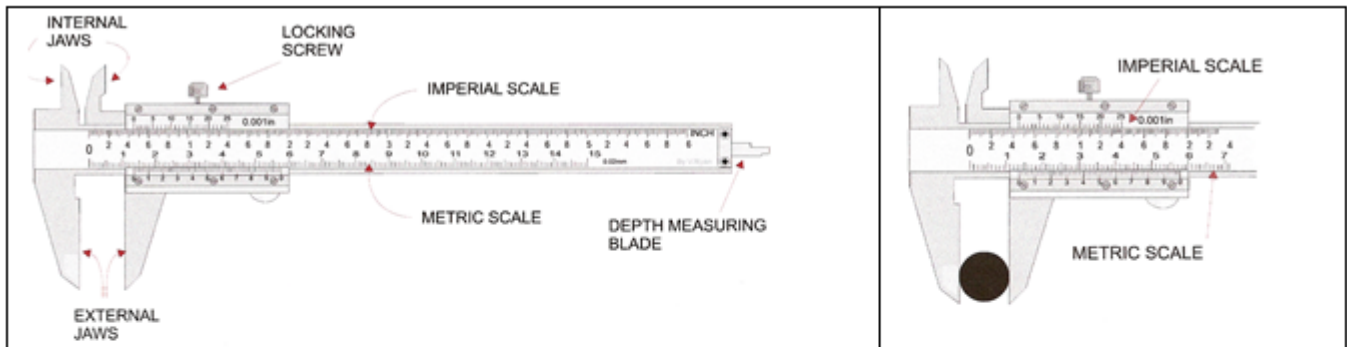


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A Brief History

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



<p>Example 1:</p> $19 + 32 \times 0.02$ $19 + 0.64$ $19.64 = \text{Correct reading}$	<p>Example 2:</p> $13 + 21 \times 0.02$ $13 + 0.42$ $13.42 = \text{Correct reading}$
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