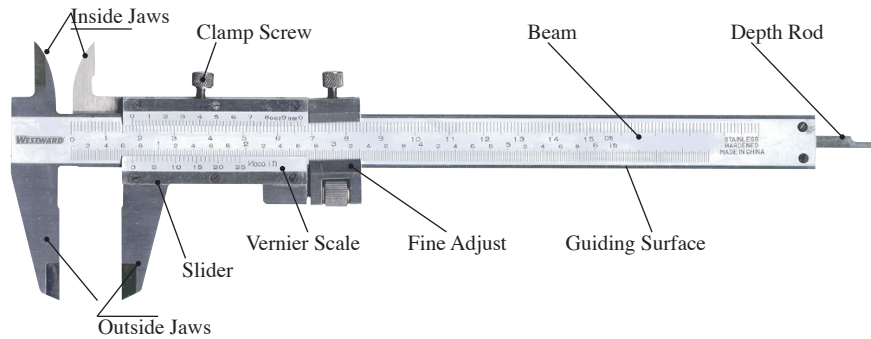




VERNIER CALIPERS

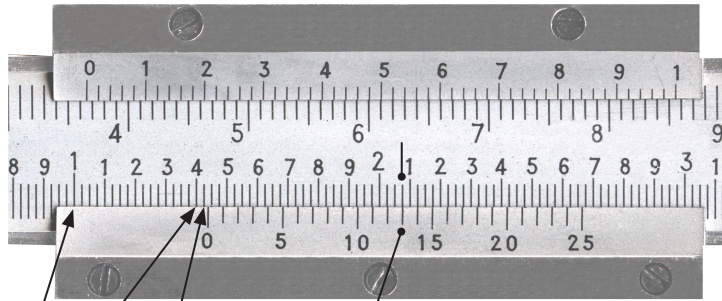
Part Number: 52-058-016



DIRECTIONS

1. Clean the measuring and guiding surfaces before using.
2. Move the slider forward to make the measuring surfaces contact with each other then check the alignment of zero lines of main scale and vernier.
3. While measuring, the measuring force should not be too strong, otherwise the measuring accuracy will be influenced.
4. When reading, your sight line should be perpendicular to the graduation surface.
5. To prolong the life of your caliper, it should be cleaned and oiled to prevent corrosion and stored in the fitted case.

Detail of a vernier scale. This vernier reads to 0.001"



$$1'' + .4'' + .025 = 1.425 + .013 = 1.438''$$

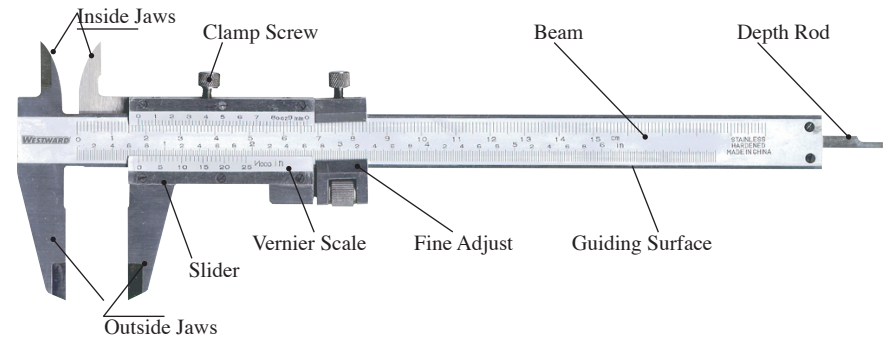
Example:

In the above illustration, the vernier has been moved to the right 1.000 plus 0.400 plus 0.025 which is equal to 1.425 inches. This is indicated by the "0" line on the bottom vernier. The thirteenth line on the vernier coincides with a line on the scale as indicated by the circles. Therefore 0.013" is added to the reading on the scale, giving a total reading of 1.438"



VERNIER CALIPERS

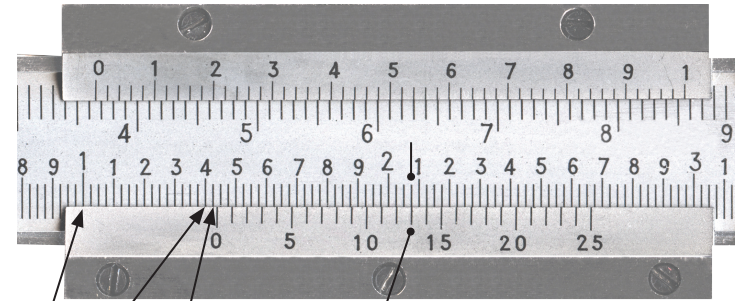
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$$1'' + .4'' + .025 = 1.425 + .013 = 1.438''$$

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In the above illustration, the vernier has been moved to the right 1.000 plus 0.400 plus 0.025 which is equal to 1.425 inches. This is indicated by the "0" line on the bottom vernier. The thirteenth line on the vernier coincides with a line on the scale as indicated by the circles. Therefore 0.013" is added to the reading on the scale, giving a total reading of 1.438"