

# TENSILE STRENGTH AND ELASTICITY

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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1. Write a definition of Tensile Strength.

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2. The incomplete diagram below, shows a workshop test, to determine the tensile strength of a piece of material. Complete the diagram and add a suitable description.



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3. Write a definition of Elasticity, in relation to a material.

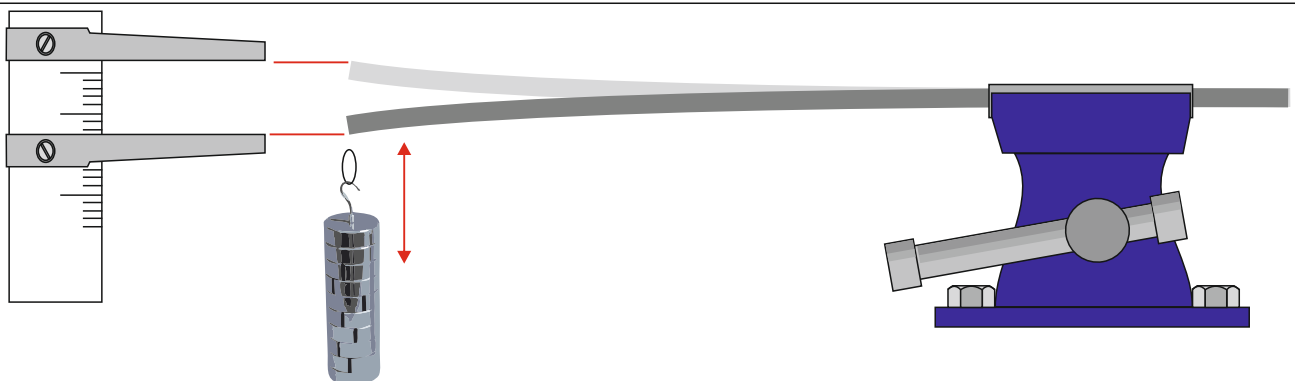
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4. The material fixed in an engineers vice below, is being tested for the physical property elasticity. Describe the nature of the test.

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