



## Set pulleys, spring associations and deformations

EQ008E

### Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: Matter and energy. A simple machine called a fixed pulley. A simple machine called a movable pulley. Force, mechanical deformations, plastic deformation and elastic deformation. What is a temporary deformation, elastic deformation. What is permanent deformation, plastic deformation. Comparing and classifying the deformations suffered by the test specimens. Force applied to a spring and the elongation suffered. Building table and graph. Measuring mass weights. The P versus m graph, etc.

### Knowledge areas

Physics

### Key Experiments

Force, mechanical deformation, plastic deformation and elastic deformation

