

# RIVETS

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

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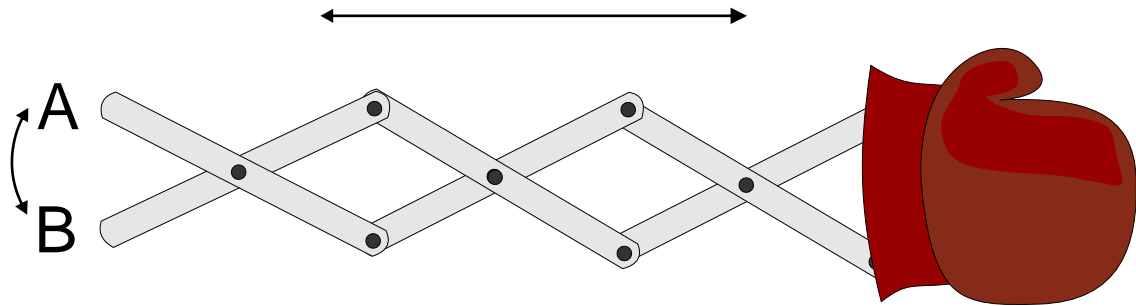
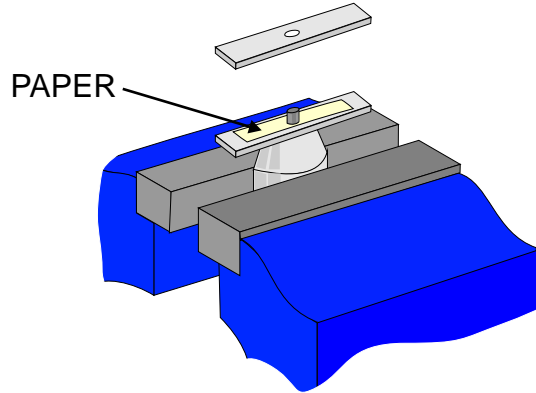
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# COLD RIVETING - MOVING JOINTS

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If there is a need for a 'pivot', a joint that allows movement, a riveted joint can be used. Simply place a piece of paper between the two pieces of material and rivet them together. The gap caused by the paper, allows the joint to move from side to side, a perfect pivot.

The example shown below shows riveted moving joints being used to produce movement in a device designed for a circus clown. By moving handles 'A' and 'B' together the false hand moves forward quickly.



In the space below draw a design for a similar device, designed for a more practical use. For example, an extending arm could be designed to be used to extend the each of a disabled person in a wheel chair. Explain how the device works and the important role of the moving rivets.

DESIGN

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