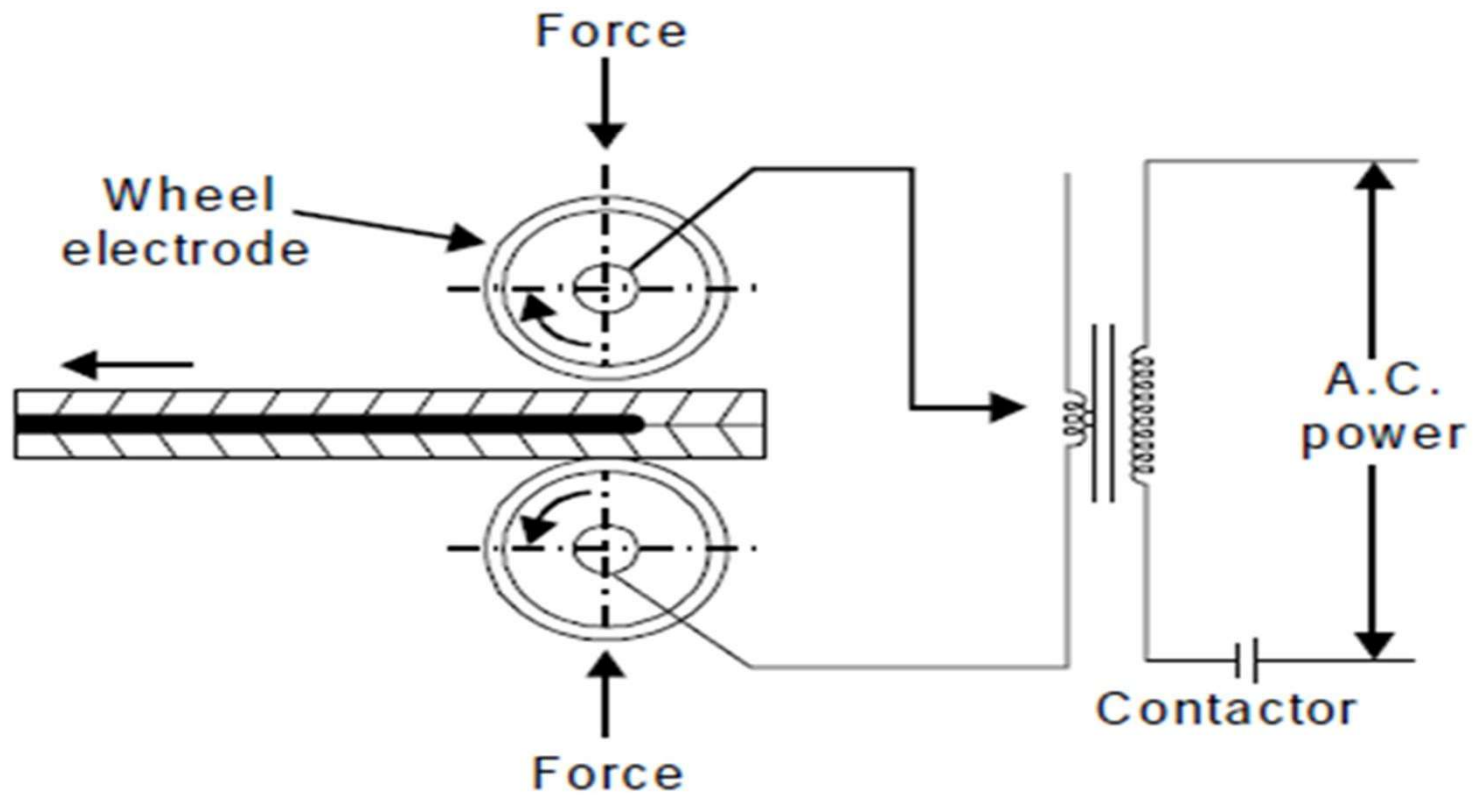
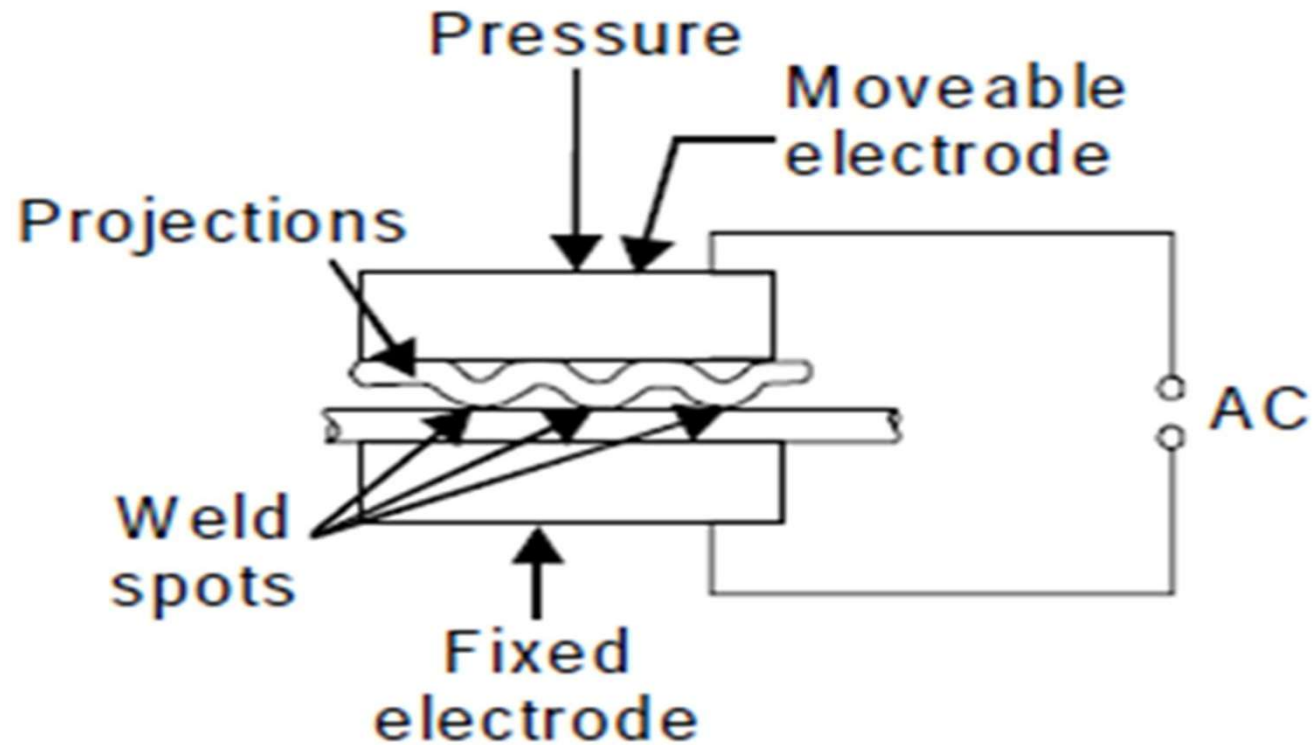


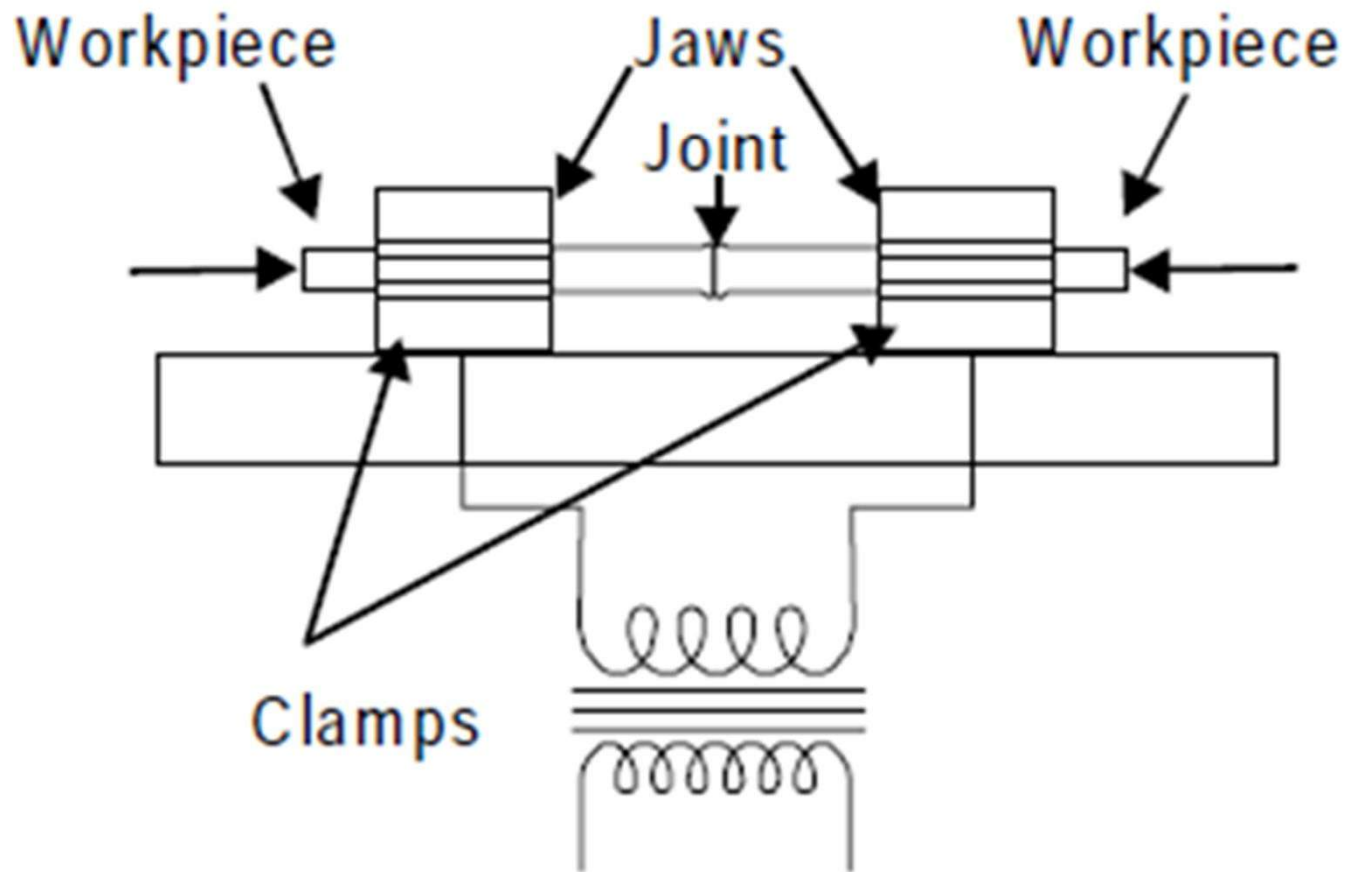
Resistance Seam Welding

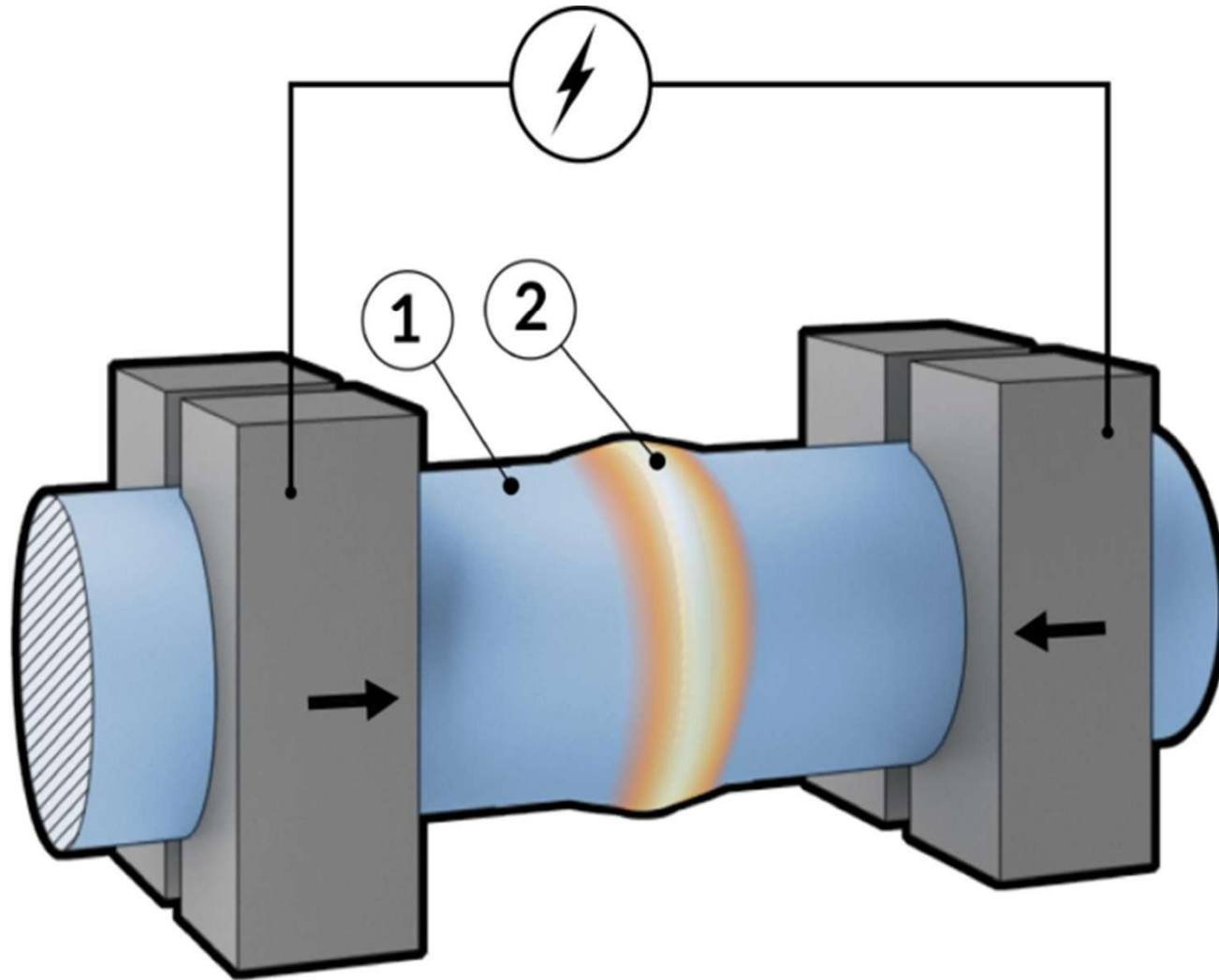


Resistance Projection Welding



Resistance Butt Welding





Advantages of Resistance Welding

- It is well suited for mass production.
- It is economical in operation, since nothing is consumed except electrical power.
- Skilled welders are not required.
- Welds are quickly made.
- It is possible to weld dissimilar metals.

Disadvantages

- High initial cost of the resistance welding equipment.
- Certain resistance welding processes are limited to lap joints.
- A lap joint has an inherent service between the two metal pieces, which causes stress concentrations in applications where fatigue is present. This service may also cause trouble when corrosion is present.