Analysis of extrusion

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1.Quiz – Key

1. Define redundant work.

It is the work spent for shear deformation of the billet when it passes through the extrusion die.

2. What is the effect of redundant work on extrusion pressure?

Total extrusion pressure increases due to shear deformation.

3. Define extrusion efficiency.

It is the ratio of ideal extrusion work to actual extrusion work.