

Preface

In metal forming, relative motion of the tool and workpiece during production makes friction, lubrication and wear phenomena (tribology) of the utmost importance. On that account, for optimum process design, improving formability and enhancing tool life, a better understanding of tribology and an accurate prediction of friction/wear in forming processes are necessary. In this issue, different aspects of tribology in cold/hot sheet metal forming, forging and rolling will be discussed. The topics that are covered in this issue in particular are: modelling of friction, lubrication and wear; tribological characterization methods; surface engineering and control of friction/wear in cold/hot forming processes.

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