

Fundamentals and Applications of Spray Forming

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Spray forming is a process to generate preforms like billets, tubes or rings with homogenous and fine microstructure which cannot be achieved by casting. The process has been developed several years ago and is commercially used for different base alloys (Fe, Cu, Al, Si). This presentation covers a fundamental process description and gives an overview of the developments and applications of spray formed materials in the past 20 years. Latest research results and future trends are included as well.