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Record 1 of 1**Author(s):** Banhart, J; Grutzner, H**Title:** Manufacture of novel composites by spray forming**Source:** JOURNAL OF ADVANCED MATERIALS, 34 (2): 19-24 APR 2002**Language:** English**Document Type:** Article**Abstract:** Silicon carbide, alumina and tungsten carbide powders were added to the metal spray during spray forming of two different steels. For this purpose, a specially designed device was used which allows for the controlled injection of powder particles directly into the atomization zone where they mix with the metal droplets. After deposition, the resulting billets were characterized both by micrography, hardness measurements and wear resistance tests.**Addresses:** Inst Mfg & Adv Mat, Bremen, Germany**Reprint Address:** Banhart, J, Inst Mfg & Adv Mat, Bremen, Germany.**Cited Reference Count:** 14**Times Cited:** 0**Publisher:** SAMPE PUBLISHERS**Publisher Address:** 1161 PARKVIEW DRIVE, COVINA, CA 91722 USA**ISSN:** 1070-9789**29-char Source Abbrev.:** J ADV MATER**ISO Source Abbrev.:** J. Adv. Mater.**Source Item Page Count:** 6**Subject Category:** Materials Science, Multidisciplinary**ISI Document Delivery No.:** 533EE[Back to Results](#)ISI Web of Knowledge
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