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**THE DIMENSIONAL CHANGE IN THE SINTERING OF MIXTURE OF A HIGH
COMPRESSIBLE POWDER AND HIGH-ALLOYED IRON POWDER**

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In the elemental or mixtures ferrous sintering is very important to control the dimensional change. Events associated with sintering such as lubricant removal, atomic motion and phase transformation could change dimensions over a wide range. Dilatometry analysis has shown that most contributions in the dimensional change in the sintering iron powders mixture were due to the combination of several effects that occur during the processing in the heating and cooling stages.