



## Handbook of Residual Stress and Deformation of Steel (Hardback)

By -

ASM International, United States, 2002. Hardback. Condition: New. Language: English . Brand New Book. Distortion, cracking, and residual stresses are among the most important concerns for heat treaters, manufacturing engineers, and design engineers. This work includes practical information and data to help minimize and control the effects of residual stresses and distortion. Topics covered include recommended heat treating practices, methods for maintaining temperature uniformity during heating, tips for preventing oxide formation, and techniques for measuring residual stresses, to name but a few. Designed as both a practical and theoretical reference, this book features contributions from recognized experts from around the world. Much of this data has been unavailable in the United States until now. Contents: Introduction to residual stress formation and distortion; Effects of materials and processing on residual stress formation; Design considerations, and much more.



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