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These are piping and related component standards developed by the Manufacturer 's Standardization Society. The MSS standards are directed at general industrial applications. The pipeline industry makes extensive use of these piping component and quality acceptance standards.

Mechanical Engineering Design-for-Reliability | ASME ...

These advances are based on development of highstrength structural metals, composites, other materials, better understanding of fracture/failure phenomena, and development of better techniques for stress analysis and computation, which resulted in reducing of stress concentrations and safety factors.

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Prototyping is an essential part of product development in companies, and yet it is one of the least explored areas of design practice. There are limited ethnographic studies conducted within companies, specifically around the topic of prototyping.

### <u>The American Society of Mechanical</u> <u>Engineers - ASME</u>

The book will be useful for practicing engineers working in the field of machine design, design of machine elements, machine dynamics, mechatronics, robotics and precision engineering. It will also be a useful reference for educators, as well as advanced undergraduate and graduate students.

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