AISI S911-17

American Iron and Steel Institute

# AISI STANDARD

## Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members

2017 Edition

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## Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members

2017 Edition

Approved by
the AISI Committee on Specifications for the Design of
Cold-Formed Steel Structural Members

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The material contained herein has been developed by the American Iron and Steel Institute Committee on Specifications for the Design of Cold-Formed Steel Structural Members. The organization and the Committee have made a diligent effort to present accurate, reliable, and useful information on testing of cold-formed steel members, components or structures. The Committee acknowledges and is grateful for the contributions of the numerous researchers, engineers, and others who have contributed to the body of knowledge on the subject. With anticipated improvements in understanding of the behavior of cold-formed steel and the continuing development of new technology, this material will become dated. It is anticipated that future editions of this test procedure will update this material as new information becomes available, but this cannot be guaranteed.

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## PREFACE

The American Iron and Steel Institute Committee on Specifications developed this Standard to provide a test method for determining the nominal flexural strength [resistance] of an open hat shaped cross-section subject to *negative bending moment*.

The Committee acknowledges and is grateful for the contributions of the numerous engineers, researchers, producers and others who have contributed to the body of knowledge on this subject.

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