



AISI S100-16/S2-20



AISI STANDARD

Supplement 2 to the 2016 Edition of the North American Specification for the Design of Cold-Formed Steel Structural Members

2020 Edition

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The material contained herein has been developed by a joint effort of the American Iron and Steel Institute (AISI) Committee on Specifications, CSA Group Technical Committee on Cold Formed Steel Structural Members (S136), and Camara Nacional de la Industria del Hierro y del Acero (CANACERO) in Mexico. The organizations and the Committees have made a diligent effort to present accurate, reliable, and useful information on cold-formed steel design. The Committees acknowledge and are grateful for the contributions of the numerous researchers, engineers, and others who have contributed to the body of knowledge on the subject. Specific references are included in the *Commentary on the Specification*.

With anticipated improvements in understanding of the behavior of cold-formed steel and the continuing development of new technology, this material may eventually become dated. It is anticipated that future editions of this *Specification* will update this material as new information becomes available, but this cannot be guaranteed.

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PREFACE

This Supplement 2 includes the Supplement 1 changes, which were published in December 2018 as AISI S100-16/S1-18, and additional revisions as outlined below:

Changes included in Supplement 1:

1. Provisions for strength increase from cold work of forming (Section A3.3.2) are reverted to those in the 2012 edition of the *Specification*.
2. Provisions in Sections E2.2 and H1.2 for singly-symmetric unstiffened angle cross-sections with holes are reverted to those in the 2012 edition of the *Specification*.
3. Section 7.2, Power-Actuated Fasteners (PAFs) in Concrete, is deleted.

Additional changes included in Supplement 2:

1. References in Section A2 are updated.
2. References to AISI S240, S400, MH16.3, and SDI C are removed from the main body of the *Specification*.
3. Upper limit to slenderness ratio (h/t) and the *yield stress* (F_y) are clarified in Table B4.1-1.
4. Test standard references in Section K1 are updated.

American Iron and Steel Institute
CSA Group
Camara Nacional de la Industria del Hierro y del Acero
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