



AISI S912-17



**American
Iron and Steel
Institute**

AISI STANDARD

Test Standard for Determining the Strength of a Roof Panel-to-Purlin- to-Anchorage Device Connection

2017 Edition



Documents

Document Sharing Hub



AISI S912-17



AISI STANDARD

Test Standard for Determining the Strength of a Roof Panel-to-Purlin- to-Anchorage Device Connection

2017 Edition

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

The material contained herein has been developed by the American Iron and Steel Institute (AISI) 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.

The materials set forth herein are for general information only. They are not a substitute for competent professional advice. Application of this information to a specific project should be reviewed by a registered professional engineer. Indeed, in most jurisdictions, such review is required by law. Anyone making use of the information set forth herein does so at their own risk and assumes any and all resulting liability arising therefrom.

1st Printing – April 2018

Produced by American Iron and Steel Institute

Copyright American Iron and Steel Institute 2018

PREFACE

The American Iron and Steel Institute Committee on Specifications developed this Standard to obtain lower bound strength values for the roof panel-to-purlin-to-anchorage device connections in through-fastened and standing seam, multi-span, multi-purlin line roof systems, with or without intermediate braces. The test is not intended to determine the ultimate strength of the connections.

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

Commentary is non-mandatory and copyrightable portion of this Standard.

This Page is Intentionally Left Blank.

