**AISC Design Examples V14.0 (Companion to AISC Manual)**

[**https://www.aisc.org/education/university-programs/ta-steel-construction-manual-design-examples-v14.0/**](https://www.aisc.org/education/university-programs/ta-steel-construction-manual-design-examples-v14.0/)

The following examples provide an overview of the application of important AISC 360 Specification design equations.

Example D.9 Plate with Staggered Bolts

Example E.2 Built-up Column with a Slender Web

Example F.1-2B W-Shape Flexural Member Design in Strong-Axis Bending, Braced at Third Points

Example H.1B W-shape Subject to Combined Compression and Bending Moment About Both Axes

Example I.1 Composite Beam Design

Example J.1 Fillet Weld in Longitudinal Shear

Example J.2 Fillet Weld Loaded at an Angle

Example J.3 Combined Tension and Shear in Bearing Type

Example J.4B Slip-Critical Connection with Long-Slotted Holes

Example J.5 Combined Tension and Shear in a Slip-Critical Connection

Example J.7 Base Plate Bearing on Concrete

Example II.A-24 Eccentrically Loaded Bolt Group (IC Method)

Example II.C-5 HSS Chevron Brace Connection