

DESIGN ANY CONNECTION IN MINUTES!

Efficiently analyze and design steel connections from simple to complex. Validate your design with detailed reports, including code-checks, material lists, and sketches.

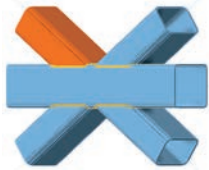


STOP STRUGGLING WITH CONNECTION DESIGN

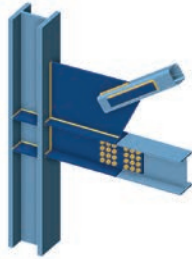
Model any type of steel connection from scratch, select from over 400,000 predefined connections, or import your connection directly from your analysis or BIM software. Utilize diverse loading scenarios, observe structural responses, and subsequently generate sketches and detailed reports to validate your design.

IDEA StatiCa Connection lets you:

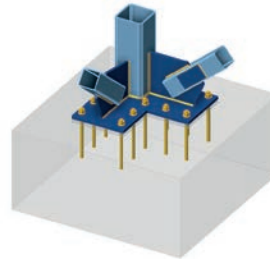
- ✓ Design any bolted or welded connection
- ✓ Model steel moment, shear and axial connections, and complex structural joints
- ✓ Perform advanced analyses, including buckling, stiffness analysis, design resistance, and seismic
- ✓ Receive clear pass/fail checks, according to the AISC code, in minutes
- ✓ Export your connection in IFC format
- ✓ Supported integrations with Tekla, SDS2, Autodesk Revit, STAAD.Pro, SAP2000 and many more.



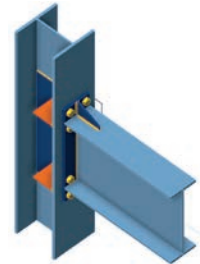
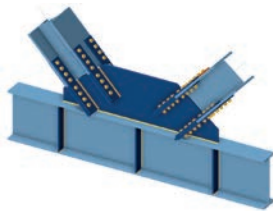
K-TYPE JOINT



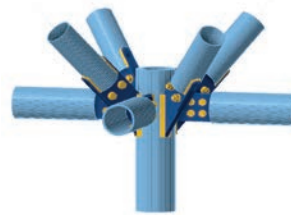
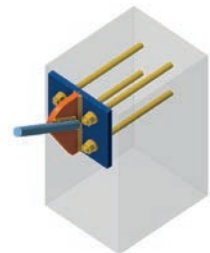
GUSSET PLATE



BASE PLATE

BEAM-TO-COLUMN
MOMENT CONNECTIONBOLTED BRACING
CONNECTION

TRUSS CONNECTION

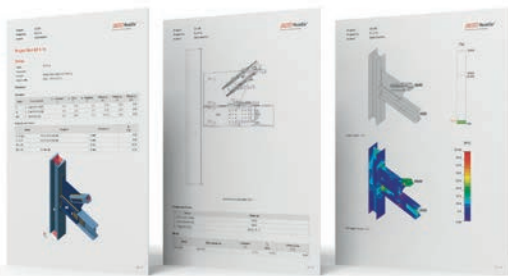
COMPLEX JOINTS
USING HSS SECTIONS

ANCHORING

COMPREHENSIVE REPORTING THAT **JUSTIFIES YOUR DESIGN**

IDEA StatiCa Connection generates reports that are fully scalable and customizable, including:

- ✓ Model and load details
- ✓ Stress-strain analysis
- ✓ Buckling analysis
- ✓ Seismic design
- ✓ Ultimate joint capacity
- ✓ Fatigue
- ✓ Fire design



TRUSTED AND VERIFIED BY UNIVERSITIES

