

# Release Notes for RISAConnection

## Version 10.0.0 Enhancements / Corrections

- Added connection design per the AISC 15th (360-16) Edition Steel Construction Manual.
  - Added new materials for members and plates per section A3.1a.
  - Updated the available bolt materials per section A3.3.
  - Updated nominal hole dimensions per Table J3.3.
  - Added new out of plane yielding checks for column web connections.
  - Updated the HSS connection checks per the revised Chapter K tables.
- Added more detail to the HSS Punching Shear check by separating from the HSS Limitations check.
- Added column web out of plane buckling and punching shear checks per the requirements of AISC 15th (360-16).
  - Added a Global setting to apply the column out of plane web checks from AISC 15th (360-16) to all codes.
- Added integration between RISA-3D and RISAFloor for wide flange beam to HSS Tube moment connections.
- Improved the installation to preserve any previously saved company logo artwork.
- Updated the 'Export to RISA' button for integrated connection design models.
- Revised the omega factor for shear to be 1.67 for all members based on Section G1 with exception of members following Section G2.1(a).
- Corrected an error in the demonstration version where the demo watermark was not properly displayed on the print out.