

# Release Notes for the RISA-Tekla Link

## Version 5.0 Enhancements

- Updated the link to be compatible with Tekla Structures V21 and discontinued support of Tekla Structures V19.
- Added support for Component **Stanchion weld (85)** for direct weld moment connections between two tube members.
- Added support for end plate moment connections through the **Component End Plate (144)**. This component supports Flush End Plate, Extended End Plate and Extended on the Tension Side Moment Connections.
- Added an Automatic Roundtrip Solution Option button in the Tekla Structures interface to speed up subsequent solutions after the first.
- Added support for channel sections to be used as beams (**Clip angle (141)**, **End plate (144)**, **Shear plate simple (146)**, **Hollow brace wraparound gusset (59)**, and **Wraparound gusset cross (60)**) and braces (**Wraparound gusset cross (60)**).
- Added support for Component **Shear plate tube column (189)** for Column/Beam Shear Tab Shear connections where the column is a tube or pipe and the connection is a through plate.
- Added an option in the installer to install to the Program Files and Documents folders.
- Added support for the China, India, Sweden, Norway, and Australasia Tekla Structures environments.
- Added a field to allow a customer to directly define a connection name. Previously only the CONNECTION\_RUNNING\_NUMBER was used.
- Added an option to allow the program to select or deselect all connections to go to RISAConnection. By default all connections try to export to RISAConnection, which isn't always preferred.
- Added mapping of a Tekla Structures components "Thread in Mat" field. Previously this field was ignored.
- Updated the link to allow Brace Min Clearance and Brace Workpoint Distance to be editable in Components 59 and 60 in RISAConnection.
- Eliminated the transfer of some dimensions for Components 59 and 60. It was found that setting all dimensions could over-restrain the connection and cause problems.