

## RISA Webinar Q&A

## Gusset Plate and Brace Design with RISAConnection 2.0

May 8, 2012

- **Q:** What assumptions are made for weld sizes? Is this size adjustable?
- A: You have control over the weld size. You can specify the fillet weld in sixteenths.
- **Q:** Is there any way to send this information to Autodesk Revit Structure?
- A: We don't currently have a link between Autodesk Revit Structure and RISAConnection but we plan to develop this in the future.
- Q: Will the connection be able to be exported to ProSteel 3D or any other 3D modeling program?
- A: We are currently working on a direct link with Tekla Structures where you'll be able to design your connections from within the Tekla Structures environment.
- **Q:** Are the RISAConnections designs tied to the Connection Type or the members? If I assign multiple beam shear connections, does RisaConnection provide one design or multiple designs?
- A: You can group connections or design them individually. If you assign the same group connection to multiple member ends then RISAConnection will design the connection for the maximum load of the given members. If you'd prefer to design them as individual connections you would not select this group design rule. We have a good webinar on the RISA-3D/RISAConnection integration (Connection Design in RISA-3D and RISAFloor) that I'd encourage you to watch as it goes over this process in detail.
- Q: Can RISAConnection analyze a connection in seismic category D?
- A: We don't currently design connections per AISC 341 or 358 but we do plan to add this feature in the future.
- Q: Will you be adding in support to RISAConnection for the Intermediate and Special seismic type connections?
- A: We don't currently design connections per AISC 341 or 358 but we do plan to add this feature in the future.
- **Q:** When will tube bracing be incorporated into the program?
- A: We plan to add the HSS design guide to RISAConnection in 2013.
- **Q:** Will bracing with Tee's or Wide Flanges be available in the near future?
- A: We plan to add WT braces and wide flange braces in the near future (hopefully the next release).
- **Q:** Can the software handle HSS brace connections? Also, does the software check for 2t distance in a seismic type connection?
- A: We don't currently have seismic detailing or HSS connection design but we plan to add both in the future.

- **Q:** I noticed in the diagram it shows the work line in the center of the angle connection. If the angle is welded this works, however, if the angle is bolted it can put a moment in the beam and column. Are you working on a way to adjust the work lines?
- A: We currently design concentric connections but plan to add eccentric connections in the next release.

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