







Designing Tekla Structures Connections
Using RISAConnection
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SUPPORTED VERSIONS



Version 4



Version 18

Version 18.1

Version 19

Version 20



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SUPPORTED CONNECTIONS



Clip Angle | 141

(Girder(Column)/Beam Clip Angle Connection)



End Plate | 144

(Girder(Column)/Beam End-Plate Connection)



Shear Tab | 146

(Girder(Column)/Beam Shear Tab Connection)



Moment Plate | 134

(Column/Beam Flange Plate Moment)



Direct Weld | 182

(Column/Beam Direct Weld Moment Connection)



Splice | 77

(Beam or Column Splice Connection)



End Plate Splice | 14

(Beam or Column Extended End Plate Splice Connection)



RISA-TEKLA WORKFLOW









RISA-TEKLA WORKFLOW



RISA CIS/2 Translator

Transfers member geometry & materials

Member end forces must be manually entered



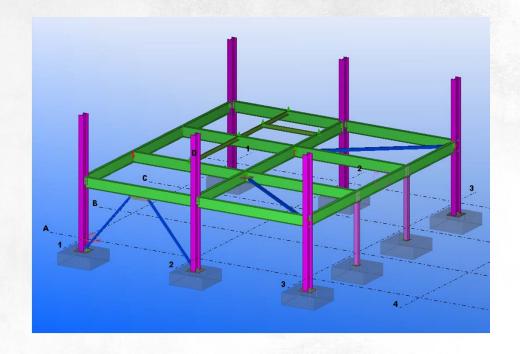


RISA-TEKLA WORKFLOW

Build Connections in Tekla Structures



Design Connections using RISAConnection





FUTURE CONNECTIONS

Vertical Brace Connections

• 141+46: Vertical Brace

• 11 & 20: Chevron Brace

Moment Connections

• 40 & 102: Bolted Moment End Plate

• 106: Extended End Plate Splice Connection

• 144: Flush & Extended Moment End Plate

Shear Connections

 47: Shear Tab Through-Plate to Tube Column

Splice Connections

Custom Macro: Welded Column-Beam
 Extended End Plate



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