




































# AUTO DESIGNED CONNECTIONS










2383 Chaffee Dr., St. Louis, MO 63146  
 Tel: (314) 991-9090/ Email: [info@adconx.com](mailto:info@adconx.com)  
[www.adconx.com](http://www.adconx.com)

## Connections available in ADCONX Shear 0.0 with the equivalent Tekla Macro as of August 4, 2010

### Shear Module






Icon	Calc Code	Connection Description	Tekla Custom Component
	SC01-11	Shape Beam to W-Shape Girder Clip Angle Connection (Bolted-Bolted) <ul style="list-style-type: none"> <li>With Stiffener* and Doubler*</li> </ul>	141
	SC01-11A	W- Shape Opposite Beams to W-Shape Girder Clip Angle Connection (Bolted-Bolted) <ul style="list-style-type: none"> <li>With Stiffener* and Doubler*</li> </ul>	143
	SC01-12	W- Shape Beam to W-Shape Girder Clip Angle Connection (Welded-Bolted) <ul style="list-style-type: none"> <li>With Stiffener* and Doubler</li> </ul>	141
	SC01-12A	W- Shape Opposite Beams to W-Shape Girder Clip Angle Connection (Welded-Bolted) <ul style="list-style-type: none"> <li>With Stiffener* and Doubler*</li> </ul>	143
	SC01-13	W-Shape Beam to W-Shape Girder Clip Angle Connection (Bolted-Welded)	141
	SC01-14	W-Shape Beam to W-Shape Girder Clip Angle Connection (Welded-Welded)	141
	SC01-21	W- Shape Beam to W-Shape Girder Single Angle Connection (Bolted-Bolted)	141
	SC01-22	W- Shape Beam to W-Shape Girder Single Angle Connection (Welded-Bolted)	141
	SC01-23	W- Shape Beam to W-Shape Girder Single Angle Connection (Bolted-Welded)	141
	SC01-24	W-Shape Beam to W-Shape Girder Single Angle Connection (Welded-Welded)	141
	SC01-31	W- Shape Beam to W-Shape Girder Shear Plate Connection	146
	SC01-32	W- Shape Beam to W-Shape Girder Shear Plate Connection (Full-Depth Extended Shear Plate)	185
	SC01-35	W- Shape Beam to W-Shape Girder Shear Plate Connection (Partial-Depth Extended Shear Plate)	147
	SC01-41	W- Shape Beam to W-Shape Girder End Plate Connection	144

Icon	Calc Code	Connection Description	Tekla Custom Component
	SC02-11	W- Shape Beam to W-Shape Column Flange Clip Angle Connection (Bolted-Bolted)	141
	SC02-12	W- Shape Beam to W-Shape Column Flange Clip Angle Connection (Welded-Bolted)	141
	SC02-13	W-Shape Beam to W-Shape Column Flange Clip Angle (Bolted-Welded)	141
	SC02-14	W-Shape Beam to W-Shape Column Flange Clip Angle (Welded-Welded)	141
	SC02-15	W-Shape Beam to W-Shape Column Flange Clip Angle (Bolted-Bolted) Staggered	141
	SC02-21	W- Shape Beam to W-Shape Column Flange Single Angle Connection (Bolted-Bolted)	141
	SC02-22	W- Shape Beam to W-Shape Column Flange Single Angle Connection (Welded-Bolted)	141
	SC02-23	W- Shape Beam to W-Shape Column Flange Single Angle Connection (Bolted-Welded)	141
	SC02-24	W-Shape Beam to W-Shape Column Flange Single Angle Connection (Welded-Welded)	141
	SC02-31	W-Shape Beam to W-Shape Column Flange Shear Plate Connection	186
	SC02-41	W- Shape Beam to W-Shape Column Flange End Plate Connection	144
	SC03-11	W- Shape Beam to W-Shape Column Web Clip Angle Connection (Bolted-Bolted)	141
	SC03-11A	W- Shape Opposite Beams to W-Shape Column Web Clip Angle Connection (Bolted-Bolted)	143
	SC03-12	W- Shape Beam to W-Shape Column Web Clip Angle Connection (Welded-Bolted)	141
	SC03-12A	W- Shape Opposite Beams to W-Shape Column Web Clip Angle Connection (Welded-Bolted)	143
	SC03-13	W- Shape Beam to W-Shape Column Web Clip Angle Connection (Bolted-Welded)	141
	SC03-14	W-Shape Beam to W-Shape Column Web Clip Angle Connection (Welded-Welded)	141
	SC03-15	W-Shape Beam to W-Shape Column Web Clip Angle (Bolted-Bolted) Staggered	141
	SC03-21	W- Shape Beam to W-Shape Column Web Single Angle Connection (Bolted-Bolted)	141

Icon	Calc Code	Connection Description	Tekla Custom Component
	SC03-22	W- Shape Beam to W-Shape Column Web Single Angle Connection (Welded-Bolted)	141
	SC03-23	W-Shape Beam to W-Shape Column Web Single Angle Connection (Bolted-Welded)	141
	SC03-24	W-Shape Beam to W-Shape Column Web Single Angle Connection (Welded-Welded)	141
	SC03-32	W-Shape Beam to W-Shape Column Web Full Depth Shear Plate Connection	187
	SC03-41	W- Shape Beam to W-Shape Column Web End Plate Connection	144
	SC05-31	W-Shape Beam to Rectangular HSS Column Shear Plate Connection	186
	SC11-21	Channel Beam to W-Shape Girder Single Angle Connection (Bolted-Bolted)	141
	SC11-22	Channel Beam to W-Shape Girder Single Angle Connection (Welded - Bolted)	141
	SC11-23	Channel Beam to W-Shape Girder Single Angle Connection (Bolted-Welded)	141

\* ADconX Developed Custom Component (Joint141\_Stiffeners)

*Legend:*

- |   |                            |            |                                      |
|---|----------------------------|------------|--------------------------------------|
|  | - Indicates Clip Angle     | <b>WB</b>  | - Welded-Bolted Connection           |
|  | - Indicates Single Angle   | <b>BW</b>  | - Bolted-Welded Connection           |
|  | - Indicates Shear Plate    | <b>WW</b>  | - Welded-Welded Connection           |
|  | - Indicates End Plate      | <b>FE</b>  | - Full Depth Extended Shear Plate    |
|  | - Indicates Channel Beam   | <b>PE</b>  | - Partial Depth Extended Shear Plate |
| <b>BB</b>   | - Bolted-Bolted Connection | <b>BBS</b> | - Bolted-Bolted Staggered Connection |