

Technical Note

Title: Connection Section types
Date: 01/01/2018
Versions: All
Program: Moment & Simple Connections

Symbol	
I	UB, UC, RSJ, W, IPN,OLS*
I _{plt}	Built-Up I sections created in Joints
I _{asb}	ASB
[RSC, PFC,OLS*
□	SHS,OLS*
▮	RHS,OLS*
○	CHS,OLS*

*OLS = Open Library Sections. Sections created in the relevant Section Open Library.

Joint Type	Beams	Columns/Supporting Beam
Eaves	I I _{plt} I _{asb}	I I _{plt} * I _{asb} *
Apex	I I _{plt} I _{asb}	I I _{plt} * I _{asb} *
Base Plate	-	I I _{plt} * I _{asb} * □ ▮ ○
Beam Splice	I I _{plt} I _{asb}	-
Column Splice	-	I I _{plt} * I _{asb} *
Hollow Splice	□ ▮ ○	-
Beam to Beam Flexible EP	I I _{plt} I _{asb} [I I _{plt} I _{asb} [
Beam to Beam Fin Plate	I I _{plt} I _{asb} [I I _{plt} I _{asb} [
Beam to Beam Angle Cleats	I I _{plt} I _{asb} [I I _{plt} I _{asb} [
Beam to Col Flexible EP	I I _{plt} I _{asb} [I I _{plt} * I _{asb} *
Beam to Col Fin Plate	I I _{plt} I _{asb} [I I _{plt} * I _{asb} * □ ▮ ○
Beam to Col Angle Cleats	I I _{plt} I _{asb} [I I _{plt} * I _{asb} *

* Will assume the Section to be **symmetrical ignoring asymmetry**.