

Internal joint

When [meshing](#) an object-based model into a [finite-element](#) model,

CSI Software automatically creates **internal joints**, indicated by a tilde (~) prefix, which supplement [joints](#) created at the ends and corners of structural objects. Joint coordinates and information may be displayed in tabular format through Analysis Results > Element Output > Objects and Elements > Table: Objects and Elements - Joints. Internal joints will have a blank entry under Joint Object.

Internal joints may also be displayed graphically when users select Define > Set Display Options > Display Options For Active Window > Labels, then deactivate the Joints > Invisible option, and then select Miscellaneous > Show Analysis Model (If Available).