

# Effect of longitudinal steel on concrete stiffness

**Longitudinal steel** does not contribute to the stiffness of reinforced-concrete [frame](#) objects, though it does contribute to sources which follow:

- Cross-section design using the parameters available through the Design menu.
- [Fiber-hinge](#) response when [inelastic](#) material behavior is specified.
- [Moment-curvature](#) relationships obtained through the [Section Designer](#).



**NOTE:** To change the elastic stiffness of reinforced-concrete frame sections, [property modifiers](#) are available.