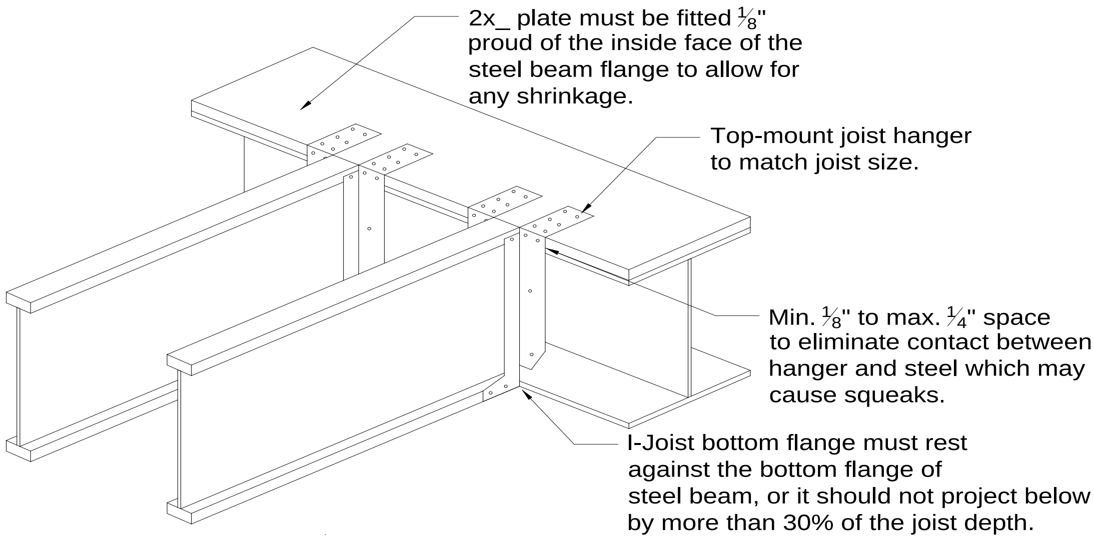
LIMIT STATES DESIGN CANADA

Technical Note

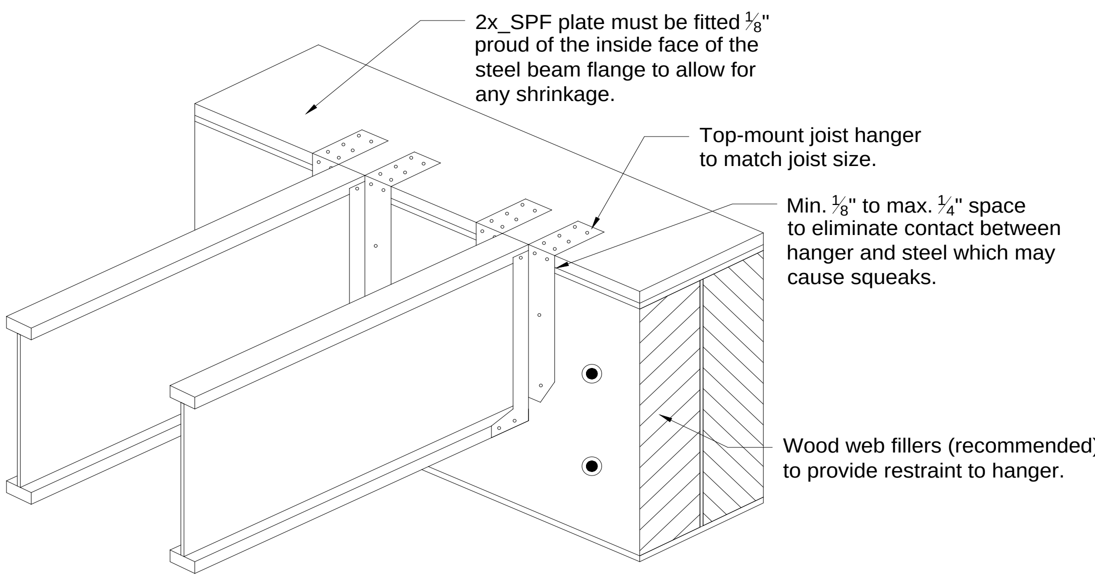
AJS® / BCI® Joists to Steel Beam: - Hanger Connections

1) I-Joists bottom edge is leveled with the steel beam bottom edge, or does not project below the bottom edge of the steel beam by more than 30% of the Joist depth



The 2x_ plate should be kiln dried and overhang the steel flange 1/8" to allow for shrinkage, and it should be fixed to the steel beam as per building designer's specification.

2) Steel beam deeper than the I-Joist, or the I-Joist bottom flange does not rest on the steel beam bottom flange



Fasten wood web filler to steel beam as per building designer's specification.