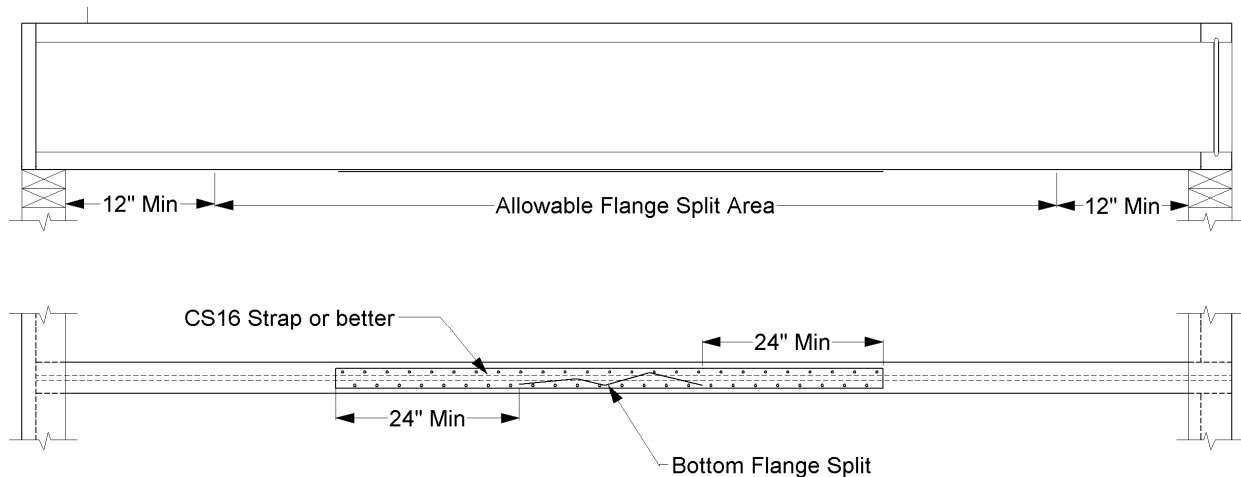


PK-USA PKI Series I-joists

Minor Bottom Flange Splits at Mid-Span

Minor bottom flange splits

When handling and storing PKI Series I-joists, it is common for small splits and checks to occur in the solid-sawn flange material. This is often due to additional drying of the flange material after manufacturing. When minor splits occur in the top flange, sub-floor adhesive and fastener connections are sufficient remedy the condition. When minor splits occur in the bottom flange, a standard construction strap is sufficient to transfer the tension past the minor split and into unaffected sections of the flange. When needed, construction strapping should be installed as listed below.



Limitations

The following limitations apply:

1. Bottom Flange Split cannot exceed 24" in length.
2. The split cannot exceed 0.25" (1/4") in width.
3. The Tension strap must extend 24" beyond the end of the split on both ends.
4. Use 8d nails to attach the Tension strap and fill all holes.

Note: If minor flange splits exceed those listed above, a review from a licensed design professional may be required.

If you have any questions, please contact PK-USA for details.

