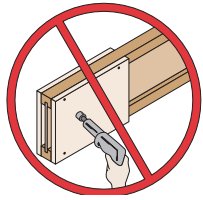
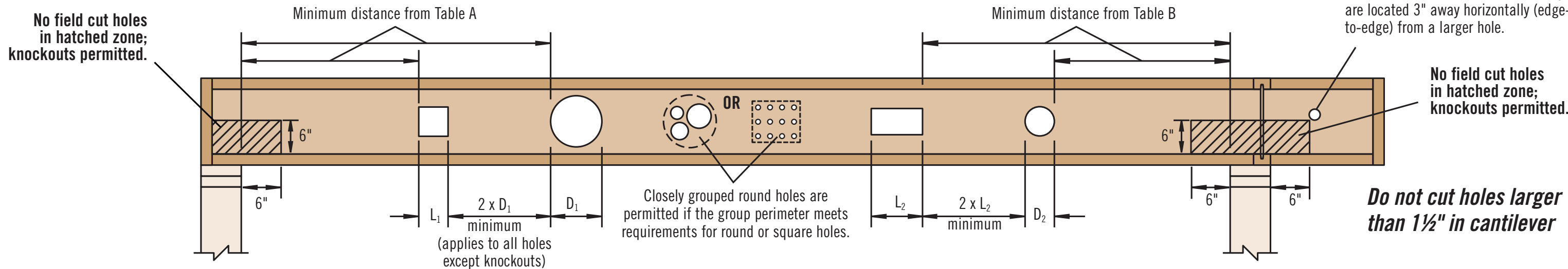


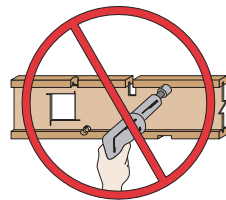


Have a damaged joist or beam?
File a damage report online for prompt service from your regional technical office. Scan the QR code with your smartphone or go to weyerhaeuser.com/woodproducts/support.

Trus Joist® TJI® Joists



DO NOT cut holes in cantilever reinforcement.



DO NOT cut or notch flange.

How to Use Tables A and B

- Using **Table A**, **Table B**, or both if required, determine the hole shape/size and select the TJI® joist and depth.
- Scan horizontally until you intersect the correct hole size column.
- Measurement shown is minimum distance from edge of hole to support.
- Maintain the required minimum distance from the end **and** the intermediate or cantilever support.

General Notes for Tables A and B

- Holes may be located vertically anywhere within the web. Leave 1/8" of web (minimum) at top and bottom of hole. **DO NOT** cut joist flanges.
- Knockouts are located in web at approximately 12" on-center; they do not affect hole placement and may be located in the hatched zone.
- For simple-span (5' minimum) uniformly loaded joists used in residential applications, one maximum size round hole may be located at the center of the joist span **provided that no other holes occur in the joist**.
- Distances are based on the maximum residential uniform loads from current TJI® joist specifier's guides. For other load conditions or hole configurations, use ForteWEB® or contact your Weyerhaeuser representative.

WARNING: This product can expose you to chemicals including wood dust which are known to the State of California to cause cancer, and methanol, which are known to the State of California to cause birth defects or other reproductive harm. Drilling, sawing, sanding or machining wood products can expose you to wood dust. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov and www.P65Warnings.ca.gov/wood.

Table A—End Support

Minimum distance from edge of hole to inside face of nearest end support

| Joist Depth | TJI® | ● Round Hole Size | | | | | | | | | | ■ Square or Rectangular Hole Size | | | | | | | | | |
|-------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------------------------------|-------|-------|-------|-------|--------|--------|--------|--|--|
| | | 2" | 3" | 4" | 5" | 6½" | 7" | 8⅞" | 11" | 13" | 2" | 3" | 4" | 5" | 6½" | 7" | 8⅞" | 11" | 13" | | |
| 9½" | 110 | 1'-0" | 1'-6" | 2'-0" | 3'-0" | 5'-0" | | | | | 1'-0" | 1'-6" | 2'-6" | 3'-6" | 4'-6" | | | | | | |
| | 210 | 1'-0" | 1'-6" | 2'-6" | 3'-0" | 5'-6" | | | | 1'-0" | 2'-0" | 2'-6" | 4'-0" | 5'-0" | | | | | | | |
| | 230 | 1'-6" | 2'-0" | 2'-6" | 3'-6" | 5'-6" | | | | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | | | | | | | |
| | 360 | 1'-6" | 2'-0" | 3'-0" | 4'-0" | 6'-0" | | | | 1'-6" | 2'-6" | 3'-6" | 5'-0" | 5'-6" | | | | | | | |
| | 560 | 1'-6" | 2'-6" | 3'-6" | 5'-0" | 7'-0" | | | | 2'-0" | 3'-0" | 4'-0" | 5'-6" | 6'-0" | | | | | | | |
| 11⅝" | 110 | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 5'-6" | | | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 4'-6" | 5'-0" | 6'-0" | | | | |
| | 210 | 1'-0" | 1'-6" | 2'-0" | 2'-0" | 3'-0" | 3'-6" | 6'-0" | | | 1'-0" | 1'-6" | 2'-6" | 3'-0" | 5'-0" | 5'-6" | 6'-6" | | | | |
| | 230 | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 6'-6" | | | 1'-0" | 2'-0" | 2'-6" | 3'-6" | 5'-6" | 5'-6" | 7'-0" | | | | |
| | 360 | 1'-6" | 2'-0" | 3'-0" | 3'-6" | 4'-6" | 5'-0" | 7'-0" | | | 1'-6" | 2'-6" | 3'-6" | 4'-6" | 6'-6" | 6'-6" | 7'-6" | | | | |
| | 560 | 1'-6" | 2'-6" | 3'-0" | 4'-0" | 5'-6" | 6'-0" | 8'-0" | | | 2'-6" | 3'-6" | 4'-6" | 5'-6" | 7'-0" | 7'-6" | 8'-0" | | | | |
| 14" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 3'-0" | 5'-6" | | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 3'-6" | 4'-0" | 6'-0" | 8'-0" | | | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 3'-6" | 6'-0" | | 1'-0" | 1'-0" | 2'-0" | 2'-6" | 4'-0" | 4'-6" | 6'-6" | 8'-6" | | | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 2'-6" | 4'-0" | 7'-0" | | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-0" | 5'-0" | 7'-0" | 9'-0" | | | |
| | 360 | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 3'-6" | 4'-0" | 5'-6" | 8'-0" | | 1'-0" | 1'-6" | 2'-6" | 4'-0" | 6'-0" | 6'-6" | 8'-0" | 9'-6" | | | |
| | 560 | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | 6'-6" | 9'-0" | | 1'-6" | 3'-0" | 4'-0" | 5'-0" | 7'-0" | 7'-6" | 9'-0" | 10'-0" | | | |
| 16" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 5'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 3'-0" | 3'-0" | 5'-6" | 7'-6" | 10'-0" | | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 3'-6" | 6'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 3'-6" | 6'-6" | 8'-0" | 11'-0" | | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 1'-6" | 3'-0" | 4'-0" | 7'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 4'-0" | 7'-0" | 9'-0" | 11'-0" | | |
| | 360 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 2'-6" | 4'-6" | 6'-6" | 9'-0" | 1'-0" | 1'-0" | 1'-6" | 3'-0" | 5'-0" | 5'-6" | 9'-0" | 10'-0" | 11'-6" | | |
| | 560 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-0" | 5'-0" | 7'-6" | 10'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 6'-6" | 7'-0" | 10'-0" | 11'-0" | 12'-0" | | |

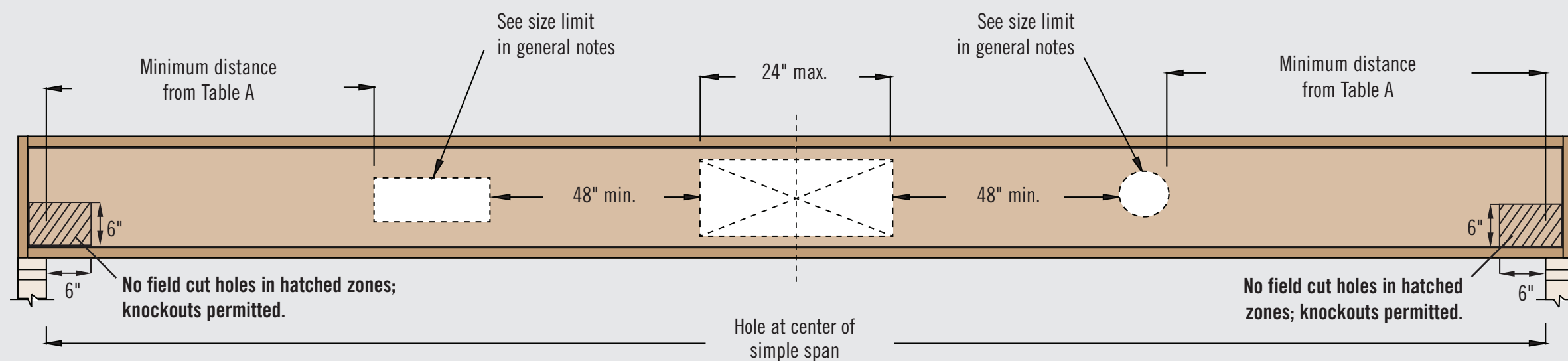
Table B—Intermediate or Cantilever Support

Minimum distance from edge of hole to inside face of nearest intermediate or cantilever support

| Joist Depth | TJI® | ● Round Hole Size | | | | | | | | | | ■ Square or Rectangular Hole Size | | | | | | | | | |
|-------------|------|-------------------|-------|-------|-------|--------|-------|--------|--------|--------|-------|-----------------------------------|-------|-------|--------|--------|--------|--------|--------|--|--|
| | | 2" | 3" | 4" | 5" | 6½" | 7" | 8⅞" | 11" | 13" | 2" | 3" | 4" | 5" | 6½" | 7" | 8⅞" | 11" | 13" | | |
| 9½" | 110 | 2'-0" | 2'-6" | 3'-6" | 4'-6" | 7'-6" | | | | | 1'-6" | 2'-6" | 3'-6" | 5'-6" | 6'-6" | | | | | | |
| | 210 | 2'-0" | 2'-6" | 3'-6" | 5'-0" | 8'-0" | | | | | 2'-0" | 3'-0" | 4'-0" | 6'-6" | 7'-6" | | | | | | |
| | 230 | 2'-6" | 3'-0" | 4'-0" | 5'-6" | 8'-6" | | | | | 2'-0" | 3'-6" | 4'-6" | 6'-6" | 7'-6" | | | | | | |
| | 360 | 3'-0" | 4'-0" | 5'-6" | 6'-6" | 9'-0" | | | | | 3'-0" | 4'-6" | 5'-6" | 7'-6" | 8'-0" | | | | | | |
| | 560 | 3'-6" | 5'-0" | 6'-0" | 7'-6" | 10'-0" | | | | | 4'-0" | 5'-6" | 6'-6" | 8'-0" | 9'-0" | | | | | | |
| 11⅞" | 110 | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 4'-0" | 4'-6" | 8'-6" | | | 1'-0" | 1'-6" | 2'-6" | 4'-0" | 7'-0" | 7'-0" | 9'-6" | | | | |
| | 210 | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | 9'-0" | | | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 8'-0" | 8'-0" | 10'-0" | | | | |
| | 230 | 1'-0" | 2'-0" | 2'-6" | 3'-6" | 5'-0" | 5'-6" | 10'-0" | | | 1'-0" | 2'-6" | 3'-6" | 5'-0" | 8'-6" | 9'-0" | 10'-6" | | | | |
| | 360 | 2'-0" | 3'-0" | 4'-0" | 5'-6" | 7'-0" | 7'-6" | 11'-0" | | | 2'-0" | 3'-6" | 5'-0" | 7'-0" | 9'-6" | 9'-6" | 11'-0" | | | | |
| | 560 | 1'-6" | 3'-0" | 4'-6" | 5'-6" | 8'-0" | 8'-6" | 12'-0" | | | 3'-0" | 4'-6" | 6'-0" | 8'-0" | 10'-6" | 11'-0" | 12'-0" | | | | |
| 14" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 2'-6" | 4'-6" | 8'-6" | | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 6'-0" | 9'-0" | 12'-0" | | | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-0" | 5'-6" | 9'-6" | | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 6'-0" | 7'-0" | 10'-0" | 13'-0" | | | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 4'-0" | 6'-0" | 10'-6" | | 1'-0" | 1'-0" | 2'-6" | 4'-0" | 6'-6" | 7'-6" | 11'-0" | 13'-6" | | | |
| | 360 | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 5'-6" | 6'-0" | 8'-6" | 12'-6" | | 1'-0" | 2'-0" | 4'-0" | 5'-6" | 9'-0" | 10'-0" | 12'-0" | 14'-0" | | | |
| | 560 | 1'-0" | 1'-0" | 1'-6" | 3'-6" | 5'-6" | 6'-6" | 9'-6" | 13'-6" | | 1'-0" | 3'-0" | 5'-0" | 7'-0" | 10'-0" | 11'-0" | 13'-6" | 15'-0" | | | |
| 16" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 8'-6" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-6" | 4'-6" | 8'-6" | 11'-6" | 15'-0" | | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-6" | 6'-0" | 10'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 4'-6" | 5'-6" | 10'-0" | 12'-6" | 16'-0" | | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 4'-0" | 6'-6" | 11'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 6'-0" | 10'-6" | 13'-6" | 16'-6" | | |
| | 360 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-0" | 4'-0" | 6'-6" | 10'-0" | 13'-6" | 1'-0" | 1'-0" | 2'-0" | 4'-0" | 7'-6" | 8'-6" | 13'-0" | 14'-6" | 17'-0" | | |
| | 560 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-6" | 7'-0" | 11'-0" | 15'-0" | 1'-0" | 1'-0" | 3'-6" | 5'-6" | 9'-0" | 10'-0" | 14'-6" | 16'-0" | 18'-0" | | |

- Rectangular holes based on measurement of longest side.

MAXIMUM MID-SPAN HOLE (TJI® 360 AND TJI® 560 JOISTS)



MAXIMUM HOLE AT MID-SPAN FOR TJI® 360 AND TJI® 560 JOISTS

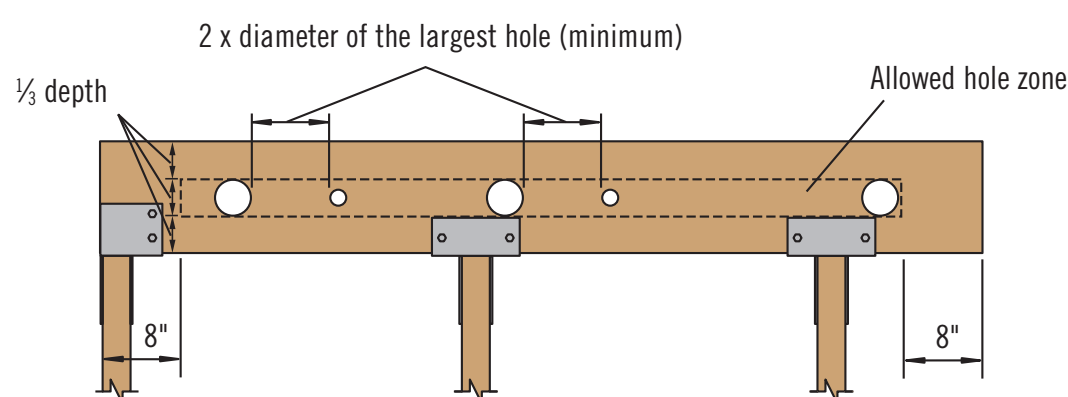
| Depth | TJI® | Maximum Hole Size (height x length) |
|---------|------|-------------------------------------|
| 11 1/8" | 360 | 6 7/8" x 24" |
| | 560 | 8 7/8" x 24" |
| 14" | 360 | 9" x 24" |
| | 560 | 11" x 24" |
| 16" | 360 | 11" x 24" |
| | 560 | 13" x 24" |

General Notes

- Simple span (8' minimum) uniformly loaded joist only. Not for use in applications that have code mandated concentrated load requirements.
- 24" wide hole (maximum) located at center of span.
- Leave 1/8" of web (minimum) at top and bottom of hole.
- Two (2) additional holes may be added to the joist provided:
 - Additional holes are a minimum of 48" (edge to edge) from middle hole.
 - Rectangular: longest dimension is less than or equal to 0.65 x web depth.
 - Circular: diameter is less than or equal to 0.75 x web depth.
 - Web depth (in.) = joist depth (in.) - 2.75".
 - See Table A for proper hole placement from end bearing for additional holes.

Headers and Beams

Trus Joist® 1.55E TimberStrand® LSL Headers and Beams

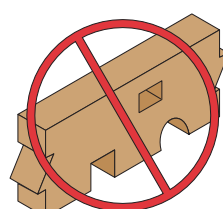


General Notes

- Allowed hole zone suitable for headers and beams with **uniform and/or concentrated loads** anywhere along the member.
- Round holes only.
- No holes in headers or beams in plank orientation.

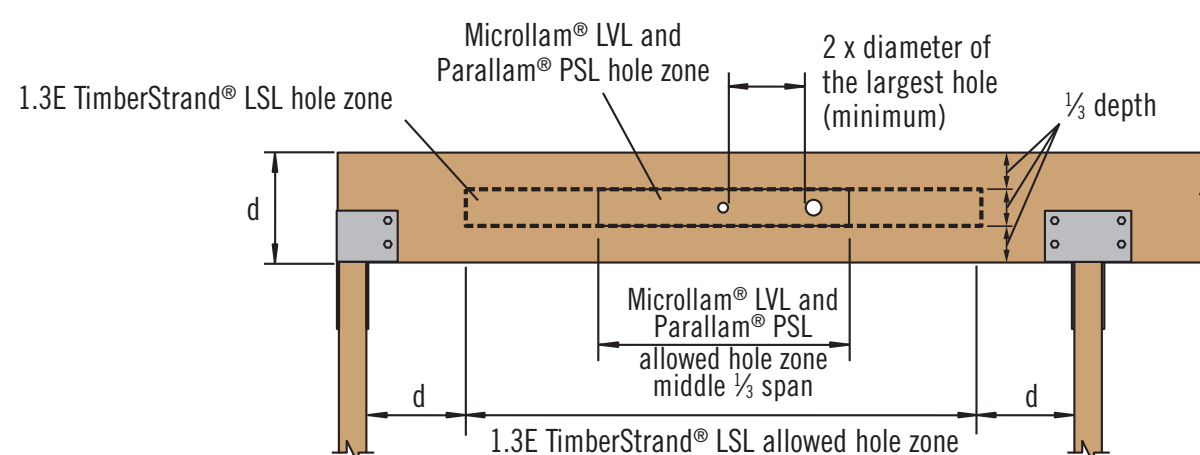
| Header or Beam Depth | Maximum Round Hole Size |
|----------------------|-------------------------|
| 9 1/2" | 3" |
| 11 1/8" | 3 3/8" |
| 14"-16" | 4 3/8" |

- See illustration for allowed hole zone.



DO NOT cut, notch, or drill holes in headers or beams except as indicated in the illustrations and tables.

Other Trus Joist® Headers and Beams



General Notes

- Allowed hole zone suitable for headers and beams with **uniform loads only**.
- Round holes only.
- No holes in cantilevers.
- No holes in headers or beams in plank orientation.

| Header or Beam Depth | Maximum Round Hole Size |
|----------------------|-------------------------|
| 4 3/8" | 1" |
| 5 1/2" | 1 3/4" |
| 7 1/4"-20" | 2" |

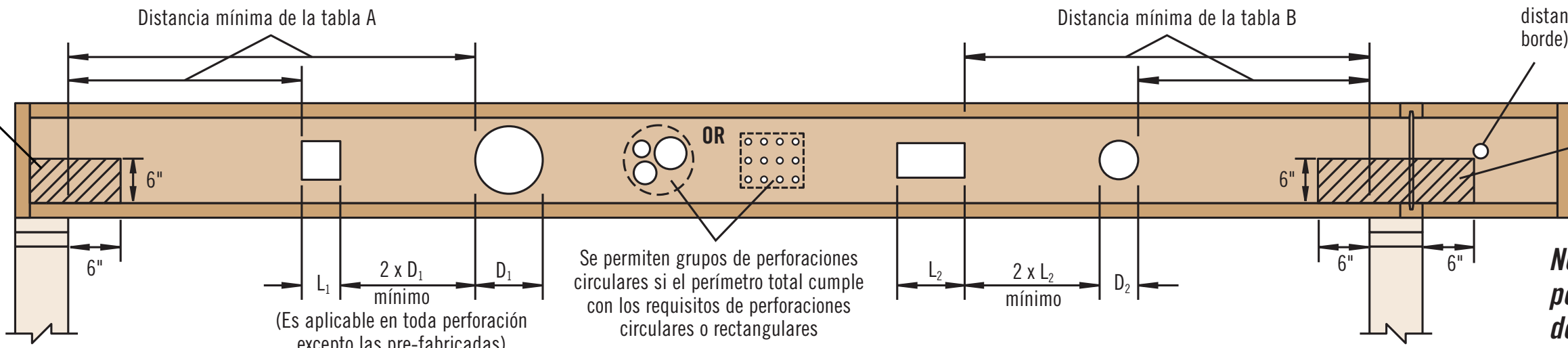
- See illustration for allowed hole zone.



¿Tiene una vigueta o viga dañada?
Haga un reporte de daño en línea para atención inmediata de su oficina técnica regional.
Escanee el código QR con su smartphone o visite weyerhaeuser.com/woodproducts/support.

Viguetas Trus Joist® TJI®

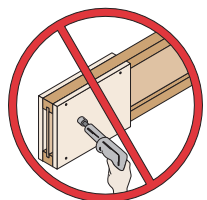
No se permiten perforaciones en la zona sombreada: se permiten perforaciones ciegas.



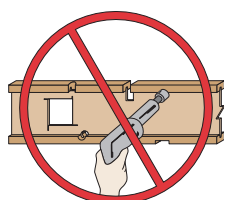
Perforaciones circulares de 1½" se permiten en cualquier parte del alma fuera de la zona sombreada siempre y cuando se hagan a una distancia de 3" horizontalmente (de borde a borde) de otra perforación más grande.

No se permiten perforaciones en la zona sombreada: se permiten perforaciones ciegas.

No se permiten perforaciones mayores de 1½" en el voladizo



No perforo en los refuerzos del voladizo.



No corte ni ranure los patines.

Como utilizar las tablas A y B

- Utilizando la **Tabla A**, la **Tabla B**, o ambas si es necesario, determine la forma y tamaño de la perforación y seleccione la vigueta TJI® y el peralte.
- Observe los números horizontalmente hasta interceptar la columna que contiene el tamaño de la perforación.
- La medida mostrada es la distancia mínima del borde de la perforación al apoyo.
- Mantenga la distancia mínima requerida desde el apoyo en el extremo y el apoyo intermedio o voladizo.

Notas generales para las tablas A y B

- Las perforaciones se pueden hacer verticalmente en cualquier parte del alma. Deje ⅛" de alma (mínimo) arriba y abajo de la perforación. **NO corte los patines.**
- Perforaciones indentadas en el alma a 12" de c.c. aproximadamente; no afectan las otras perforaciones y pueden estar situados en la zona sombreada.
- En claros sencillos (5' mínimo), viguetas con cargas uniformes, en aplicaciones residenciales, se permite una perforación circular máxima en el centro del claro, siempre y cuando no haya otras perforaciones.
- Las distancias están basadas en cargas máximas uniformes residenciales tomadas de un manual para viguetas TJI® actualizado. Para otras condiciones de cargas o configuración de perforaciones, utilice ForteWEB® o consulte a su representante de Weyerhaeuser.

ADVERTENCIA: Este producto puede exponer al usuario a químicos incluyendo el polvo generado por la madera. El estado de California reconoce que dichos químicos pueden causar cáncer, y metanol que el estado de California reconoce que puede causar defectos de nacimiento y otros daños al sistema reproductivo. Perforar, cortar, lijar o aserrar productos de madera lo pueden exponer al polvo de madera. Evite inhalar ese polvo o use una mascarilla contra el polvo u otro dispositivo de protección personal. Para mayor información, visite www.P65Warnings.ca.gov y www.P65Warnings.ca.gov/wood.

Tabla A—Apoyo en el extremo

Distancia mínima del borde de la perforación a la cara interior del apoyo en el extremo más cercano

| Peralte | TJI® | Tamaños de perforaciones circulares | | | | | | | | | Tamaños de perforaciones rectangulares o cuadradas | | | | | | | | |
|---------|------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--|-------|-------|-------|-------|-------|--------|--------|--------|
| | | 2" | 3" | 4" | 5" | 6½" | 7" | 8½" | 11" | 13" | 2" | 3" | 4" | 5" | 6½" | 7" | 8½" | 11" | 13" |
| 9½" | 110 | 1'-0" | 1'-6" | 2'-0" | 3'-0" | 5'-0" | | | | | 1'-0" | 1'-6" | 2'-6" | 3'-6" | 4'-6" | | | | |
| | 210 | 1'-0" | 1'-6" | 2'-6" | 3'-0" | 5'-6" | | | | | 1'-0" | 2'-0" | 2'-6" | 4'-0" | 5'-0" | | | | |
| | 230 | 1'-6" | 2'-0" | 2'-6" | 3'-6" | 5'-6" | | | | | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | | | | |
| | 360 | 1'-6" | 2'-0" | 3'-0" | 4'-0" | 6'-0" | | | | | 1'-6" | 2'-6" | 3'-6" | 5'-0" | 5'-6" | | | | |
| | 560 | 1'-6" | 2'-6" | 3'-6" | 5'-0" | 7'-0" | | | | | 2'-0" | 3'-0" | 4'-0" | 5'-6" | 6'-0" | | | | |
| 11½" | 110 | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 5'-6" | | | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 4'-6" | 5'-0" | 6'-0" | | |
| | 210 | 1'-0" | 1'-6" | 2'-0" | 2'-0" | 3'-0" | 3'-6" | 6'-0" | | | 1'-0" | 1'-6" | 2'-6" | 3'-0" | 5'-0" | 5'-6" | 6'-6" | | |
| | 230 | 1'-0" | 1'-6" | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 6'-6" | | | 1'-0" | 2'-0" | 2'-6" | 3'-6" | 5'-6" | 5'-6" | 7'-0" | | |
| | 360 | 1'-6" | 2'-0" | 3'-0" | 3'-6" | 4'-6" | 5'-0" | 7'-0" | | | 1'-6" | 2'-6" | 3'-6" | 4'-6" | 6'-6" | 6'-6" | 7'-6" | | |
| | 560 | 1'-6" | 2'-6" | 3'-0" | 4'-0" | 5'-6" | 6'-0" | 8'-0" | | | 2'-6" | 3'-6" | 4'-6" | 5'-6" | 7'-0" | 7'-6" | 8'-0" | | |
| 14" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 3'-0" | 5'-6" | | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 3'-6" | 4'-0" | 6'-0" | 8'-0" | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 6'-0" | | | 1'-0" | 1'-0" | 2'-0" | 2'-6" | 4'-0" | 4'-6" | 6'-6" | 8'-6" | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 2'-6" | 4'-0" | 7'-0" | | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | 7'-0" | 9'-0" | |
| | 360 | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 3'-6" | 4'-0" | 5'-6" | 8'-0" | | 1'-0" | 1'-6" | 2'-6" | 4'-6" | 6'-6" | 6'-6" | 8'-0" | 9'-6" | |
| | 560 | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | 6'-6" | 9'-0" | | 1'-6" | 3'-0" | 4'-0" | 5'-0" | 7'-0" | 7'-6" | 9'-0" | 10'-0" | |
| 16" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 5'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 3'-0" | 3'-0" | 5'-6" | 7'-6" | 10'-0" |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-6" | 6'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 4'-0" | 6'-6" | 8'-0" | 11'-0" |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 1'-6" | 3'-0" | 4'-0" | 7'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 4'-0" | 7'-0" | 9'-0" | 11'-0" |
| | 360 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 2'-6" | 4'-6" | 6'-6" | 9'-0" | 1'-0" | 1'-0" | 1'-6" | 3'-0" | 5'-6" | 5'-6" | 9'-0" | 10'-0" | 11'-6" |
| | 560 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-0" | 5'-0" | 7'-6" | 10'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 6'-6" | 7'-0" | 10'-0" | 11'-0" | 12'-0" |

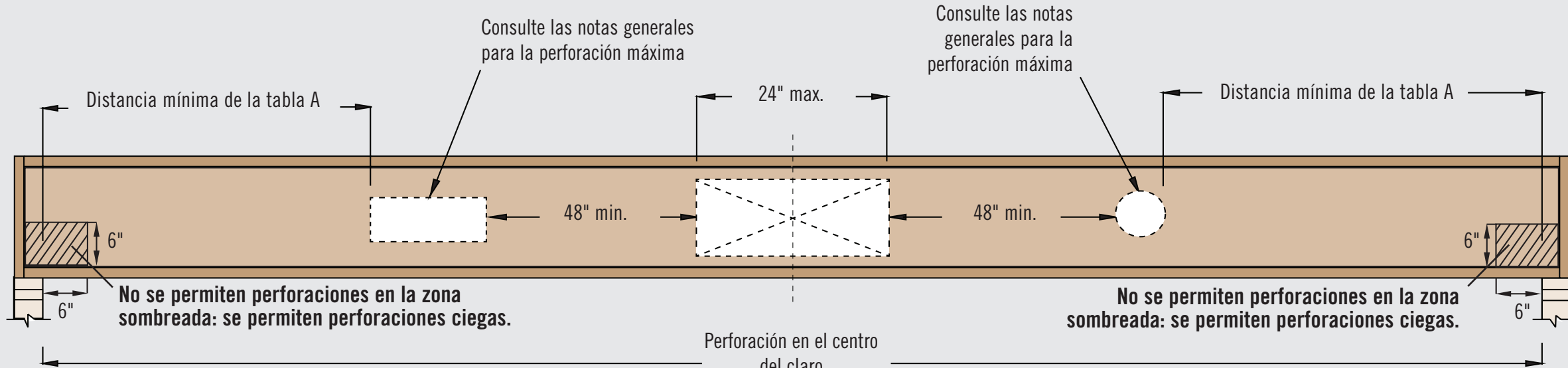
Tabla B—Apoyo intermedio o de voladizo

Distancia mínima del borde de la perforación a la cara interior del apoyo intermedio o del voladizo más cercano

| Peralte | TJI® | Tamaños de perforaciones circulares | | | | | | | | | Tamaños de perforaciones rectangulares o cuadradas | | | | | | | | |
|---------|------|-------------------------------------|-------|-------|-------|--------|-------|--------|--------|--------|--|-------|-------|-------|--------|--------|--------|--------|--------|
| | | 2" | 3" | 4" | 5" | 6½" | 7" | 8½" | 11" | 13" | 2" | 3" | 4" | 5" | 6½" | 7" | 8½" | 11" | 13" |
| 9½" | 110 | 2'-0" | 2'-6" | 3'-6" | 4'-6" | 7'-6" | | | | | 1'-6" | 2'-6" | 3'-6" | 5'-6" | 6'-6" | | | | |
| | 210 | 2'-0" | 2'-6" | 3'-6" | 5'-0" | 8'-0" | | | | | 2'-0" | 3'-0" | 4'-0" | 6'-6" | 7'-6" | | | | |
| | 230 | 2'-6" | 3'-0" | 4'-0" | 5'-6" | 8'-6" | | | | | 2'-0" | 3'-6" | 4'-6" | 6'-6" | 7'-6" | | | | |
| | 360 | 3'-0" | 4'-0" | 5'-6" | 6'-6" | 9'-0" | | | | | 3'-0" | 4'-6" | 5'-6" | 7'-6" | 8'-0" | | | | |
| | 560 | 3'-6" | 5'-0" | 6'-0" | 7'-6" | 10'-0" | | | | | 4'-0" | 5'-6" | 6'-6" | 8'-0" | 9'-0" | | | | |
| 11½" | 110 | 1'-0" | 1'-0" | 1'-6" | 2'-6" | 4'-0" | 4'-6" | 8'-6" | | | 1'-0" | 1'-6" | 2'-6" | 4'-0" | 7'-0" | 7'-0" | 9'-6" | | |
| | 210 | 1'-0" | 1'-0" | 2'-0" | 3'-0" | 4'-6" | 5'-0" | 9'-0" | | | 1'-0" | 2'-0" | 3'-0" | 4'-0" | 8'-0" | 8'-0" | 10'-0" | | |
| | 230 | 1'-0" | 2'-0" | 2'-6" | 3'-6" | 5'-0" | 5'-6" | 10'-0" | | | 1'-0" | 2'-6" | 3'-6" | 5'-0" | 8'-6" | 9'-6" | 10'-6" | | |
| | 360 | 2'-0" | 3'-0" | 4'-0" | 5'-6" | 7'-0" | 7'-6" | 11'-0" | | | 2'-0" | 3'-6" | 5'-0" | 7'-0" | 9'-6" | 9'-6" | 11'-0" | | |
| | 560 | 1'-6" | 3'-0" | 4'-6" | 5'-6" | 8'-0" | 8'-6" | 12'-0" | | | 3'-0" | 4'-6" | 6'-0" | 8'-0" | 10'-6" | 11'-0" | 12'-0" | | |
| 14" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 2'-6" | 4'-6" | 8'-6" | | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 6'-0" | 9'-0" | 12'-0" | |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-0" | 5'-6" | 9'-6" | | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 6'-0" | 7'-0" | 10'-0" | 13'-0" | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 4'-0" | 6'-0" | 10'-6" | | 1'-0" | 1'-0" | 2'-6" | 4'-0" | 6'-6" | 7'-6" | 11'-0" | 13'-6" | |
| | 360 | 1'-0" | 1'-0" | 2'-0" | 3'-6" | 5'-6" | 6'-0" | 8'-6" | 12'-6" | | 1'-0" | 2'-0" | 4'-0" | 5'-6" | 9'-0" | 10'-0" | 12'-0" | 14'-0" | |
| | 560 | 1'-0" | 1'-0" | 1'-6" | 3'-6" | 5'-6" | 6'-6" | 9'-6" | 13'-6" | | 1'-0" | 3'-0" | 5'-0" | 7'-0" | 10'-0" | 11'-0" | 13'-6" | 15'-0" | |
| 16" | 110 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 8'-6" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-6" | 4'-6" | 8'-6" | 11'-6" | 15'-0" |
| | 210 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-6" | 6'-0" | 10'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 4'-6" | 5'-6" | 12'-6" | 16'-0" | |
| | 230 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-6" | 2'-0" | 4'-0" | 6'-6" | 11'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 5'-0" | 6'-0" | 10'-6" | 13'-6" | 16'-6" |
| | 360 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 3'-0" | 4'-0" | 6'-6" | 10'-0" | 13'-6" | 1'-0" | 1'-0" | 2'-0" | 4'-0" | 7'-6" | 8'-6" | 13'-0" | 14'-6" | 17'-0" |
| | 560 | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 2'-6" | 3'-6" | 7'-0" | 11'-0" | 15'-0" | 1'-0" | 1'-0" | 3'-6" | 5'-6" | 9'-0" | 10'-0" | 14'-6" | 16'-0" | 18'-0" |

- Perforaciones rectangulares basadas en la medida del lado más largo.

PERFORACIÓN MÁXIMA EN EL CENTRO DEL CLARO (TJI® 360 Y TJI® 560)



PERFORACIÓN MÁXIMA EN EL CENTRO DEL CLARO PARA VIGUETAS TJI® 360 AND TJI® 560

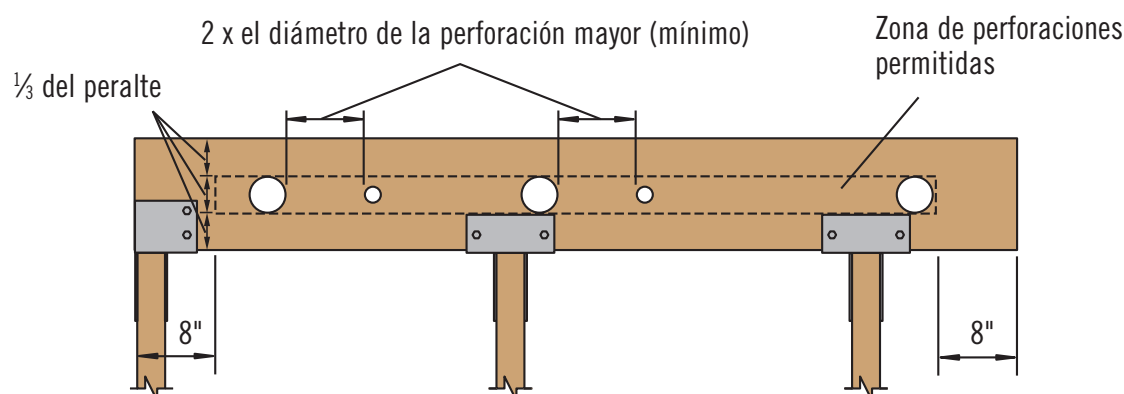
| Peralte | TJI® | Perforación máxima en el centro del claro (altura x lo largo) |
|---------|------|---|
| 11½" | 360 | 6⅞" x 24" |
| | 560 | 8⅞" x 24" |
| 14" | 360 | 9" x 24" |
| | 560 | 11" x 24" |
| 16" | 360 | 11" x 24" |
| | 560 | 13" x 24" |

Notas generales

- Claros sencillos (8' mínimo) viguetas con cargas uniformes solamente. No para uso en aplicaciones bajo reglamento que requiere cargas concentradas.
- Perforación de 24" (máximo) en el centro del claro.
- Deje ⅛" de alma (mínimo) arriba y abajo de la perforación.
- Se puede agregar dos (2) perforaciones adicionales en la vigueta siempre y cuando:
 - Perforaciones adicionales mantengan 48" mínimo (de borde a borde) de la perforación en el centro.
 - Perforación rectangular: la dimensión larga es menor o igual a 0.65 x peralte de alma.
 - Perforación circular: diámetro es menor o igual a 0.75 x peralte de alma.
 - Peralte de alma (in) = peralte de vigueta (in) - 2.75".
 - Consulte Tabla A para distancias adecuadas entre el apoyo y perforaciones adicionales.

Cabezales y vigas

Cabezales y vigas de Trus Joist® 1.55E TimberStrand® LSL

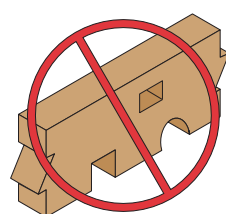


Notas generales

- Zona de perforaciones permitidas en cabezales y vigas con **cargas uniformes y/o cargas concentradas** en cualquier parte de la viga.
- Perforaciones circulares solamente.
- No se permiten perforaciones en cabezales o vigas si la fibra de la madera está en posición horizontal.

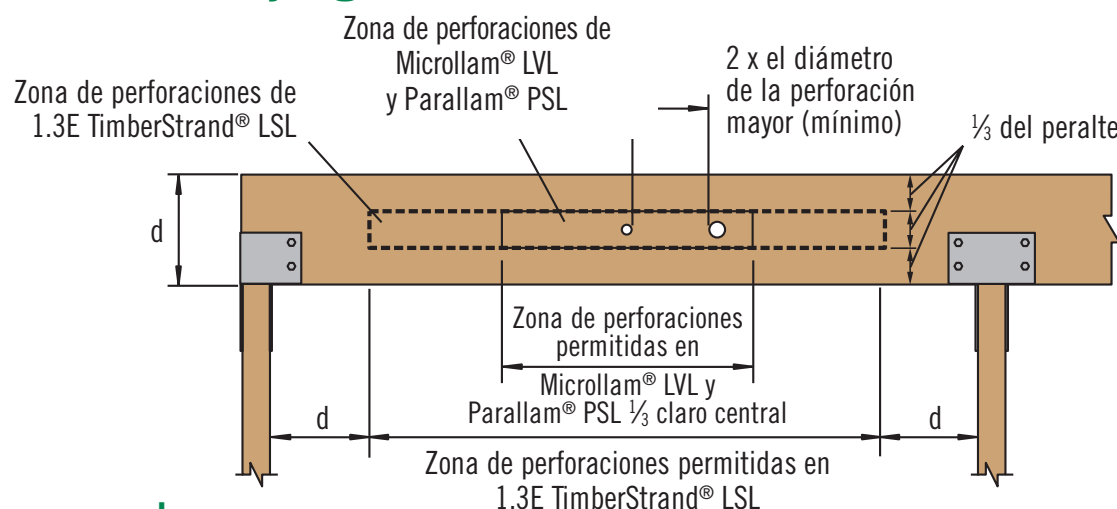
| Peralte de cabezal o de viga | Perforación máxima circular |
|------------------------------|-----------------------------|
| 9½" | 3" |
| 11½" | 3⅝" |
| 14"-16" | 4⅝" |

- Vea la ilustración para zona de perforaciones permitidas.



No corte, ranure, ni barre en cabezales o vigas excepto como se indica en las ilustraciones y en las tablas.

Otros cabezales y vigas de Trus Joist®



Notas generales

- Zona de perforaciones permitidas en cabezales y vigas con **cargas uniformes únicamente**.
- Perforaciones circulares solamente.
- No se permiten perforaciones en los voladizos.
- No se permiten perforaciones en cabezales o vigas si la fibra de la madera está en posición horizontal.

| Peralte de cabezal o de viga | Perforación máxima circular |
|------------------------------|-----------------------------|
| 4⅝" | 1" |
| 5½" | 1⅜" |
| 7¼"-20" | 2" |

- Vea la ilustración para zona de perforaciones permitidas.