



## BCI<sup>®</sup>/AJS<sup>®</sup> Joists and Blocking Panels Shear Transfer Equivalency

Equivalency of Simpson Strong-Tie<sup>®</sup> A35 Framing Anchor to  
Nailing of BCI/AJS Rim Joists or Blocking for Wall-Plate Connection

### Equivalent Connector On-Center Spacing (inches)<sup>1</sup>

Specified A35 <sup>2</sup> Spacing	DF / SP Plate		SPF / HF Plate
	BCI Joist Nailing <sup>3,4</sup>	AJS Joist Nailing <sup>3,4</sup>	BCI/AJS Joist Nailing <sup>3,4</sup>
48"	11"	10"	11"
32"	7"	7"	8"
24"	6"	5"	6"
16"	4"	4"	4"
12"	2 rows @ 6" <sup>5</sup>	2 rows @ 6" <sup>5</sup>	2 rows @ 6" <sup>5</sup>
9"	2 rows @ 4" <sup>5</sup>	2 rows @ 4" <sup>5</sup>	2 rows @ 6" <sup>5</sup>
6"	2 rows @ 4" <sup>5</sup>	2 rows @ 4" <sup>5</sup>	2 rows @ 4" <sup>5</sup>

**Notes:**

1. Plate species: DF = Douglas-fir, SP = southern pine, SPF = spruce pine fir, HF = hem-fir
2. Capacity of A35 framing anchor is 695 lb (DF/SP plate) or 600 lb (SPF/HF plate) per Simpson Strong-Tie literature (*Wood Construction Connectors C-2009*).
3. Allowable nail sizes: 10d to 16d
4. Nail values assume load duration factor of 1.6.
5. When 2 rows of nailing required, one row per side of web, stagger nails.

