



FRAMING CONNECTORS

FACE MOUNT HANGERS

| Single I-Joist | | | | Double I-Joist | | | |
|----------------|-------------------------|-------------------------|-------------|----------------------|----------------------|-------------------------|----------------------|
| Width | Depth | Hanger | Load (100%) | Width | Depth | Hanger | Load (100%) |
| 1 1/2" | 9 1/2" | IUS1.56/9.5 | 935 | 3" | 9 1/2" | MIU3.12/9 | 2270 |
| | 11 7/8" | IUS1.56/11.88 | 1170 | | 11 7/8" | MIU3.12/11 | 2840 |
| | 14" | IUT214 | 1275 | | 14" | MIU3.12/11 ¹ | 2840 |
| 1 3/4" | 9 1/2" | IUS1.81/9.5 | 935 | 3 1/2" | 9 1/2" | MIU3.56/9 | 2270 |
| | 11 7/8" | IUS1.81/11.88 | 1170 | | 11 7/8" | MIU3.56/11 | 2840 |
| | 14" | IUS1.81/14 | 1405 | | 14" | MIU3.56/14 | 3125 |
| 2 5/16" | 16" | IUS1.81/16 | 1640 | 4 5/8" | 16" | MIU3.56/16 | 3410 |
| | 9 1/2" | IUS2.37/9.5 | 935 | | 9 1/2" | MIU4.75/9 | 2270 |
| | 11 7/8" | IUS2.37/11.88 | 1170 | | 11 7/8" | MIU4.75/11 | 2840 |
| | 14" | IUS2.37/14 | 1405 | | 14" | MIU4.75/14 | 3125 |
| | 16" | IUS2.37/16 | 1640 | | 16" | MIU4.75/16 | 3410 |
| | 18" | MIU2.37/18 | 3690 | | 18" | MIU4.75/18 | 3690 |
| | 20" | MIU2.37/20 | 3975 | | 20" | MIU4.75/20 | 3975 |
| | 22" | MIU2.37/20 ¹ | 3475 | | 22" | MIU4.75/20 ¹ | 3975 |
| | 24" | MIU2.37/20 ¹ | 3475 | | 24" | MIU4.75/20 ¹ | 3975 |
| | 9 1/2" | IUS3.56/9.5 | 1170 | | 7" | 9 1/2" | HU410-2 ¹ |
| 11 7/8" | IUS3.56/11.88 | 1405 | 11 7/8" | HU412-2 ¹ | | 2950 | |
| 14" | IUS3.56/14 | 1405 | 14" | HU414-2 ¹ | | 3485 | |
| 16" | IUS3.56/16 | 1640 | 16" | HU414-2 ¹ | | 3485 | |
| 18" | MIU3.56/18 | 3690 | 18" | HU414-2 ¹ | | 3485 | |
| 20" | MIU3.56/20 | 3975 | 20" | | | | |
| 22" | MIU3.56/20 ¹ | 3975 | 22" | | See Simpson Catalog* | | |
| 24" | MIU3.56/20 ¹ | 3975 | 24" | | See Simpson Catalog* | | |

- Web stiffeners required.
 - Fill all round and triangle nail holes for maximum load values.

SKewed 45° HANGERS

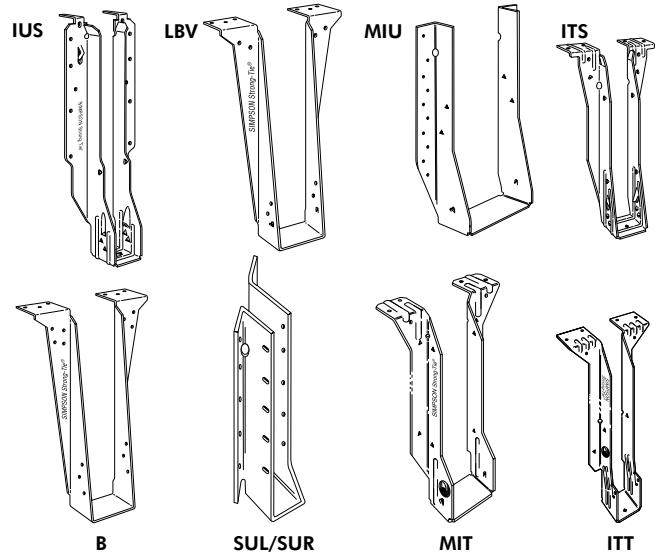
| Single I-Joist | | | | Double I-Joist | | | |
|----------------|-----------------------|---------------------------|----------------------|-------------------------|---------|----------------------------|----------------------|
| Width | Depth | Hanger | Load (100%) | Width | Depth | Hanger | Load (100%) |
| 1 1/2" | 9 1/2" | SUR/L210 ¹ | 1330 | 3" | 9 1/2" | SUR/L210-2 ¹ | 1860 |
| | 11 7/8" | SUR/L210 ¹ | 1330 | | 11 7/8" | SUR/L210-2 ¹ | 1860 |
| | 14" | SUR/L214 ¹ | 1595 | | 14" | SUR/L214-2 ¹ | 2395 |
| 1 3/4" | 9 1/2" | SUR/L1.81/9 | 1595 | 3 1/2" | 9 1/2" | SUR/L410 ¹ | 1860 |
| | 11 7/8" | SUR/L1.81/11 | 2130 | | 11 7/8" | SUR/L410 ¹ | 1860 |
| | 14" | SUR/L1.81/14 | 2500 | | 14" | SUR/L414 ¹ | 2395 |
| | 16" | SUR/L1.81/14 ¹ | 2500 | | 16" | SUR/L414 ¹ | 2395 |
| | 9 1/2" | SUR/L2.37/9 | 2015 | | 9 1/2" | HSUR/L4.75/9 | 1655 |
| 2 5/16" | 11 7/8" | SUR/L2.37/11 | 2305 | 4 5/8" | 11 7/8" | HSUR/L4.75/11 | 2210 |
| | 14" | SUR/L2.37/14 | 2590 | | 14" | HSUR/L4.75/14 | 2760 |
| | 16" | SUR/L2.37/14 ¹ | 2590 | | 16" | HSUR/L4.75/16 | 3050 |
| | 18" | SUR/L2.37/14 ¹ | 2590 | | 18" | HSUR/L4.75/16 ¹ | 3050 |
| | 20" | SUR/L2.37/14 ¹ | 2590 | | 20" | HSUR/L4.75/16 ¹ | 3050 |
| | 9 1/2" | SUR/L410 ¹ | 1860 | | 9 1/2" | HU410-2X ^{1,2} | 1930 |
| | 11 7/8" | SUR/L410 ¹ | 1860 | | 11 7/8" | HU412-2X ^{1,2} | 2360 |
| 14" | SUR/L414 ¹ | 2395 | 14" | HU414-2X ^{1,2} | 2790 | | |
| 3 1/2" | 16" | SUR/L414 ¹ | 2395 | 7" | 16" | HU414-2X ^{1,2} | 2790 |
| | 18" | SUR/L414 ¹ | 2395 | | 18" | HU414-2X ^{1,2} | 2790 |
| | 20" | SUR/L414 ¹ | 2395 | | 20" | | |
| | 22" | | | | 22" | | See Simpson Catalog* |
| | 24" | | See Simpson Catalog* | | 24" | | See Simpson Catalog* |

- Web stiffeners required.
- Skewed option must be special ordered. Specify skew angle and direction. Web stiffeners required.

TOP FLANGE HANGERS

| Single I-Joist | | | | Double I-Joist | | | | |
|----------------|---------|---------------|-------------|----------------|---------|--------------|-------------|------|
| Width | Depth | Hanger | Load (100%) | Width | Depth | Hanger | Load (100%) | |
| 1 1/2" | 9 1/2" | ITT29.5 | 1450 | 3" | 9 1/2" | MIT29.5-2 | 2305 | |
| | 11 7/8" | ITT211.88 | 1450 | | 11 7/8" | MIT211.88-2 | 2305 | |
| | 14" | ITT214 | 1450 | | 14" | LBV3.12/14 | 2460 | |
| 1 3/4" | 9 1/2" | ITS1.81/9.5 | 1520 | 3 1/2" | 9 1/2" | MIT49.5 | 2305 | |
| | 11 7/8" | ITS1.81/11.88 | 1520 | | 11 7/8" | MIT411.88 | 2305 | |
| | 14" | ITS1.81/14 | 1520 | | 14" | MIT414 | 2305 | |
| | 16" | ITT16 | 1450 | | 16" | MIT416 | 2305 | |
| 2 5/16" | 9 1/2" | ITS2.37/9.5 | 1520 | 4 5/8" | 9 1/2" | MIT359.5-2 | 2305 | |
| | 11 7/8" | ITS2.37/11.88 | 1520 | | 11 7/8" | MIT3511.88-2 | 2305 | |
| | 14" | ITS2.37/14 | 1520 | | 14" | MIT3514-2 | 2305 | |
| | 16" | MIT3516 | 2305 | | 16" | LBV4.75/16 | 2460 | |
| | 18" | MIT3518 | 2305 | | 18" | LBV4.75/18 | 2460 | |
| | 20" | MIT3520 | 2305 | | 20" | LBV4.75/20 | 2460 | |
| | 22" | LBV2.37X | 2460 | | 22" | B4.75 | 3800 | |
| | 24" | LBV2.37X | 2460 | | 24" | B4.75 | 3800 | |
| | 9 1/2" | ITT49.5 | 1450 | | 7" | 9 1/2" | B7.12/9.5 | 3800 |
| | 11 7/8" | ITT411.88 | 1450 | | | 11 7/8" | B7.12/11.88 | 3800 |
| 14" | ITT414 | 1450 | 14" | B7.12/14 | | 3800 | | |
| 16" | ITT416 | 1450 | 16" | B7.12/16 | | 3800 | | |
| 18" | MIT418 | 2305 | 18" | B7.12/18 | | 3800 | | |
| 20" | MIT420 | 2305 | 20" | B7.12/20 | | 3800 | | |
| 22" | HIT422 | 2550 | 22" | B7.12/22 | 3800 | | | |
| 24" | HIT424 | 2550 | 24" | B7.12/24 | 3800 | | | |

- Web stiffeners required.



ADJUSTABLE HEIGHT HANGERS

| Single I-Joist | | | | Double I-Joist | | | |
|----------------|------------|-------------|-------------|----------------|------------|----------------------|-------------|
| Width | Depth | Hanger | Load (100%) | Width | Depth | Hanger | Load (100%) |
| 1 1/2" | 9 1/4"-14" | THAI222 | 1715 | 3" | 9 1/4"-14" | THAI-2 | 2020 |
| 1 3/4" | 9 1/4"-14" | THAI1.81/22 | 1715 | 3 1/2" | 9 1/4"-14" | THAI422 | 1715 |
| 2 5/16" | 9 1/4"-14" | THAI3522 | 1715 | 4 5/8" | 9 1/4"-14" | THAI-2 | 2020 |
| 3 1/2" | 9 1/4"-14" | THAI422 | 1715 | 7" | 9 1/4"-14" | See Simpson Catalog* | |

- Web stiffeners required for all I-joists used with Adjustable Height Hangers.
- For joists 16" and above, See Simpson Wood Construction Connectors catalog for hanger selection.

FIELD SLOPE AND SKEW

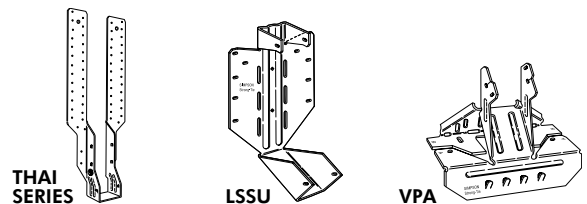
| Single I-Joist | | | | Double I-Joist | | | |
|----------------|------------|---------|-------------|----------------|------------|------------------------|-------------|
| Width | Depth | Hanger | Load (100%) | Width | Depth | Hanger | Load (100%) |
| 1 1/2" | 9 1/4"-14" | LSSU210 | 995 | 3" | 9 1/4"-14" | LSSU210-2 | 1625 |
| 1 3/4" | 9 1/4"-14" | LSSU125 | 995 | 3 1/2" | 9 1/4"-14" | LSSU410 | 1625 |
| 2 5/16" | 9 1/4"-14" | LSSU135 | 995 | 4 5/8" | 9 1/4"-14" | LSU3510-2 ¹ | 2300 |
| 3 1/2" | 9 1/4"-14" | LSSU410 | 1625 | 7" | 9 1/4"-14" | See Simpson Catalog* | |

- Web stiffeners required for all I-joists used with Field Slope and Skew Hangers.
 - LSU3510-2 is field-sloped only, skew option must be special ordered.

VARIABLE PITCH - SINGLE I-JOISTS

| Single I-Joist | | | |
|----------------|-------|--------|-------------|
| Width | Depth | Hanger | Load (100%) |
| 1 1/2" | ALL | VPA2 | 1050 |
| 1 3/4" | ALL | VPA25 | 1050 |
| 2 5/16" | ALL | VPA35 | 1230 |
| 3 1/2" | ALL | VPA4 | 1230 |

- VPA connectors provide a bearing length of 2". They should not be used in applications that require longer bearings, such as intermediate supports.



* See Simpson Wood Construction Connectors catalog for hanger selection.

All hangers listed are manufactured by Simpson Strong-Tie Co., Inc. For additional information, refer to the current Simpson Strong-Tie literature, www.strongtie.com or contact Simpson Strong-Tie at 800-999-5099.