

## FACE MOUNT HANGERS

| Single I-Joist |        |               |             | Double I-Joist       |       |                      |             |
|----------------|--------|---------------|-------------|----------------------|-------|----------------------|-------------|
| Width          | Depth  | Hanger        | Load (100%) | Width                | Depth | Hanger               | Load (100%) |
| 1½"            | 9½"    | IUS1.56/9.5   | 895         | 3"                   | 9½"   | MIU29-2              | 1860        |
|                | 11½"   | IUS1.56/11.88 | 1120        |                      | 11½"  | MIU211-2             | 2130        |
| 1¾"            | 9½"    | IUS1.81/9.5   | 895         | 3½"                  | 9½"   | MIU49                | 1860        |
|                | 11½"   | IUS1.81/11.88 | 1120        |                      | 11½"  | MIU411               | 2130        |
|                | 14"    | IUS1.81/14    | 1570        |                      | 14"   | MIU414               | 2395        |
| 2⅝"            | 16"    | IUS1.81/16    | 1790        | 4"                   | 16"   | MIU416               | 2660        |
|                | 9½"    | IUS2.37/9.5   | 895         |                      | 9½"   | MIU4.75/9            | 1860        |
|                | 11½"   | IUS2.37/11.88 | 1120        |                      | 11½"  | MIU4.75/11           | 2130        |
| 2⅝"            | 14"    | IUS2.37/14    | 1570        | 4½"                  | 14"   | MIU4.75/14           | 2395        |
|                | 16"    | IUS2.37/16    | 1790        |                      | 16"   | MIU4.75/16           | 2660        |
|                | 18"    | MIU2.37/18    | 2925        |                      | 18"   | MIU4.75/18           | 2925        |
| 3½"            | 20"    | MIU2.37/20    | 3190        | 7"                   | 20"   | MIU4.75/20           | 3190        |
|                | 9½"    | IUT410        | 890         |                      | 9½"   | HU410-2 <sup>1</sup> | 2410        |
|                | 11½"   | IUS3.56/11.88 | 1345        |                      | 11½"  | HU412-2 <sup>1</sup> | 2950        |
|                | 14"    | IUS3.56/14    | 1570        |                      | 14"   | HU414-2 <sup>1</sup> | 3485        |
|                | 16"    | IUS3.56/16    | 1725        |                      | 16"   | HU414-2 <sup>1</sup> | 3485        |
|                | 18"    | MIU418        | 2925        |                      | 18"   | HU414-2 <sup>1</sup> | 3485        |
|                | 20"    | MIU420        | 3190        |                      | 20"   |                      |             |
| 22"            | MIU420 | 3190          | 22"         | See Simpson Catalog* |       |                      |             |
| 24"            | MIU420 | 3190          | 24"         | See Simpson Catalog* |       |                      |             |

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

## TOP FLANGE HANGERS

| Single I-Joist |        |            |             | Double I-Joist        |       |                          |             |
|----------------|--------|------------|-------------|-----------------------|-------|--------------------------|-------------|
| Width          | Depth  | Hanger     | Load (100%) | Width                 | Depth | Hanger                   | Load (100%) |
| 1½"            | 9½"    | ITT29.5    | 1450        | 3"                    | 9½"   | MIT29.5-2                | 2400        |
|                | 11½"   | ITT211.88  | 1450        |                       | 11½"  | MIT211.88-2              | 2400        |
| 1¾"            | 9½"    | ITT9.5     | 1450        | 3½"                   | 9½"   | MIT49.5                  | 2400        |
|                | 11½"   | ITT11.88   | 1450        |                       | 11½"  | MIT411.88                | 2400        |
|                | 14"    | ITT14      | 1450        |                       | 14"   | MIT414                   | 2400        |
| 2⅝"            | 16"    | ITT16      | 1450        | 4"                    | 16"   | MIT416                   | 2400        |
|                | 9½"    | ITT359.5   | 1450        |                       | 9½"   | MIT359.5-2               | 2400        |
|                | 11½"   | ITT3511.88 | 1450        |                       | 11½"  | MIT3511.88-2             | 2400        |
| 2⅝"            | 14"    | ITT3514    | 1450        | 4½"                   | 14"   | MIT3514-2                | 2400        |
|                | 16"    | MIT3516    | 2400        |                       | 16"   | WP3516-2 <sup>1</sup>    | 3255        |
|                | 18"    | MIT3518    | 2400        |                       | 18"   | WP3518-2 <sup>1</sup>    | 3255        |
| 3½"            | 20"    | MIT3520    | 2400        | 7"                    | 20"   | WP3520-2 <sup>1</sup>    | 3255        |
|                | 9½"    | ITT49.5    | 1450        |                       | 9½"   | WPI49.5-2 <sup>1</sup>   | 3255        |
|                | 11½"   | ITT411.88  | 1450        |                       | 11½"  | WPI411.88-2 <sup>1</sup> | 3255        |
|                | 14"    | ITT414     | 1450        |                       | 14"   | WPI414-2 <sup>1</sup>    | 3255        |
|                | 16"    | ITT416     | 1450        |                       | 16"   | WPI416-2 <sup>1</sup>    | 3255        |
|                | 18"    | MIT418     | 3255        |                       | 18"   | WPI418-2 <sup>1</sup>    | 2400        |
|                | 20"    | MIT420     | 2400        |                       | 20"   | WPI420-2 <sup>1</sup>    | 3255        |
| 22"            | HIT422 | 2550       | 22"         | WPI422-2 <sup>1</sup> | 3255  |                          |             |
| 24"            | HIT424 | 2550       | 24"         | WPI424-2 <sup>1</sup> | 3255  |                          |             |

1. Web stiffeners required.

## ADJUSTABLE HEIGHT HANGERS

| Single I-Joist |           |             |             | Double I-Joist |           |                      |             |
|----------------|-----------|-------------|-------------|----------------|-----------|----------------------|-------------|
| Width          | Depth     | Hanger      | Load (100%) | Width          | Depth     | Hanger               | Load (100%) |
| 1½"            | 9¼" - 14" | THAI222     | 1835        | 3"             | 9¼" - 14" | THAI-2               | 2020        |
| 1¾"            | 9¼" - 14" | THAI1.81/22 | 1835        | 3½"            | 9¼" - 14" | THAI422              | 1835        |
| 2⅝"            | 9¼" - 14" | THAI3522    | 1835        | 4½"            | 9¼" - 14" | THAI-2               | 2020        |
| 3½"            | 9¼" - 14" | THAI422     | 1835        | 7"             | 9¼" - 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.

## VARIABLE PITCH - SINGLE I-JOISTS

| Single I-Joist |       |        |             |
|----------------|-------|--------|-------------|
| Width          | Depth | Hanger | Load (100%) |
| 1½"            | ALL   | VPA2   | 1050        |
| 1¾"            | ALL   | VPA25  | 1050        |
| 2⅝"            | ALL   | VPA35  | 1230        |
| 3½"            | 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.

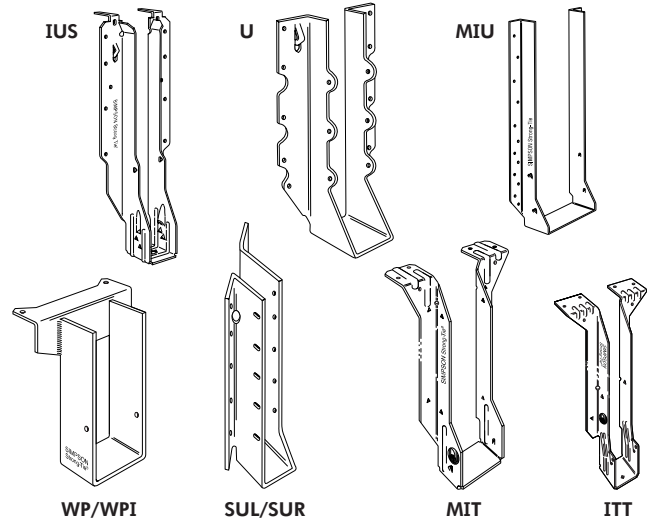
\*See Simpson Wood Construction Connectors catalog for hanger selection.

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](http://www.strongtie.com) or contact Simpson Strong-Tie at 800-999-5099.

## SKWEVED 45° HANGERS

| Single I-Joist |       |                             |             | Double I-Joist       |       |                         |             |
|----------------|-------|-----------------------------|-------------|----------------------|-------|-------------------------|-------------|
| Width          | Depth | Hanger                      | Load (100%) | Width                | Depth | Hanger                  | Load (100%) |
| 1½"            | 9½"   | SUR/L210 <sup>1</sup>       | 1330        | 3"                   | 9½"   | SUR/L210-2 <sup>1</sup> | 1860        |
|                | 11½"  | SUR/L210 <sup>3</sup>       | 1330        |                      | 11½"  | SUR/L210-2 <sup>1</sup> | 1860        |
| 1¾"            | 9½"   | SUR/L1.81/9                 | 1595        | 3½"                  | 9½"   | SUR/L410 <sup>1</sup>   | 1860        |
|                | 11½"  | SUR/L1.81/11                | 2130        |                      | 11½"  | SUR/L410 <sup>1</sup>   | 1860        |
|                | 14"   | SUR/L1.81/14                | 2500        |                      | 14"   | SUR/L414 <sup>1</sup>   | 2395        |
| 2⅝"            | 16"   | SUR/L1.81/14                | 2500        | 4"                   | 16"   | SUR/L414 <sup>1</sup>   | 2395        |
|                | 9½"   | SURI/LI3510/12 <sup>1</sup> | 1860        |                      | 9½"   | HSUR/L4.75/9            | 1655        |
|                | 11½"  | SURI/LI3510/12 <sup>1</sup> | 1860        |                      | 11½"  | HSUR/L4.75/11           | 2210        |
| 2⅝"            | 14"   | SURI/LI3514/20 <sup>1</sup> | 2395        | 4½"                  | 14"   | HSUR/L4.75/14           | 2760        |
|                | 16"   | SURI/LI3514/20 <sup>1</sup> | 2395        |                      | 16"   | HSUR/L4.75/16           | 3050        |
|                | 18"   | SURI/LI3514/20 <sup>1</sup> | 2395        |                      | 18"   |                         |             |
| 3½"            | 20"   | SURI/LI3514/20 <sup>1</sup> | 2395        | 7"                   | 20"   | See Simpson Catalog*    |             |
|                | 9½"   | SUR/L410 <sup>1</sup>       | 1860        |                      | 9½"   | HU410-2X <sup>2</sup>   | 2410        |
|                | 11½"  | SUR/L410 <sup>1</sup>       | 1860        |                      | 11½"  | HU412-2X <sup>2</sup>   | 2950        |
|                | 14"   | SUR/L414 <sup>1</sup>       | 2395        |                      | 14"   | HU414-2X <sup>2</sup>   | 3485        |
|                | 16"   | SUR/L414 <sup>1</sup>       | 2395        |                      | 16"   | HU414-2X <sup>2</sup>   | 3485        |
|                | 18"   | SUR/L414 <sup>1</sup>       | 2395        |                      | 18"   | HU414-2X <sup>2</sup>   | 3485        |
|                | 20"   | SUR/L414 <sup>1</sup>       | 2395        |                      | 20"   |                         |             |
| 22"            |       |                             | 22"         | See Simpson Catalog* |       |                         |             |
| 24"            |       |                             | 24"         | See Simpson Catalog* |       |                         |             |

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



## FIELD SLOPE AND SKEW

| Single I-Joist |           |         |             | Double I-Joist |           |                        |             |
|----------------|-----------|---------|-------------|----------------|-----------|------------------------|-------------|
| Width          | Depth     | Hanger  | Load (100%) | Width          | Depth     | Hanger                 | Load (100%) |
| 1½"            | 9¼" - 14" | LSSU210 | 885         | 3"             | 9¼" - 14" | LSSU210-2              | 1625        |
| 1¾"            | 9¼" - 14" | LSSU125 | 995         | 3½"            | 9¼" - 14" | LSSU410                | 1625        |
| 2⅝"            | 9¼" - 14" | LSSU135 | 995         | 4½"            | 9¼" - 14" | LSU3510-2 <sup>1</sup> | 2300        |
| 3½"            | 9¼" - 14" | LSSU410 | 1625        | 7"             | 9¼" - 14" | See Simpson Catalog*   |             |

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

