

# LTS/MTS/HTS Twist Straps

Twist straps provide a tension connection between two members. They resist uplift at the heel of a truss economically. LTS / MTS have a 2" bend section and HTS has a 3 $\frac{3}{4}$ " bend section that eliminates interference at the transition points between the two members.

**Material:** See table

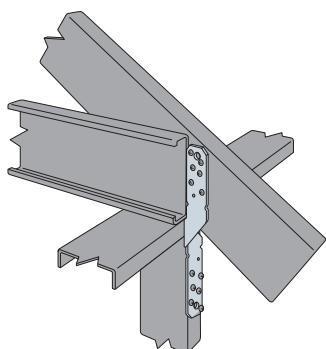
**Finish:** Galvanized (G90); some products available in stainless steel and ZMAX®

**Codes:** IAPMO ER-124

**Load Tables:** Visit [strongtie.com](http://strongtie.com) for the latest load tables and testing information

| Model No. | Connector Material Thickness mil (ga.) | L (in.) | Fasteners (Total)           |                 |                 |
|-----------|--|---------|-----------------------------|-----------------|-----------------|
|           |  |         | Rafter/Stud/Joist Thickness |                 |                 |
|           |  |         | 33 mil (20 ga.)             | 43 mil (18 ga.) | 54 mil (16 ga.) |
| LTS12     | 43 (18)                                | 12      | (10) #10                    | (6) #10         | (6) #10         |
| LTS16     |  | 16      | (10) #10                    | (6) #10         | (6) #10         |
| LTS18     |  | 18      | (10) #10                    | (6) #10         | (6) #10         |
| LTS20     |  | 20      | (10) #10                    | (6) #10         | (6) #10         |
| MTS12     | 54 (16)                                | 12      | (12) #10                    | (8) #10         | (6) #10         |
| MTS16     |  | 16      | (12) #10                    | (8) #10         | (6) #10         |
| MTS18     |  | 18      | (12) #10                    | (8) #10         | (6) #10         |
| MTS20     |  | 20      | (12) #10                    | (8) #10         | (6) #10         |
| MTS30     |  | 30      | (12) #10                    | (8) #10         | (6) #10         |
| MTS24C    |  | 24      | (12) #10                    | (8) #10         | (6) #10         |
| MTS30C    |  | 30      | (12) #10                    | (8) #10         | (6) #10         |
| HTS16     | 68 (14)                                | 16      | (16) #10                    | (12) #10        | (6) #10         |
| HTS20     |  | 20      | (18) #10                    | (12) #10        | (6) #10         |
| HTS24     |  | 24      | (18) #10                    | (12) #10        | (6) #10         |
| HTS30     |  | 30      | (18) #10                    | (12) #10        | (6) #10         |
| HTS30C    |  | 30      | (18) #10                    | (12) #10        | (6) #10         |

► These products are available with additional corrosion protection. Additional products on this page may also be available with this option. Check with Simpson Strong-Tie for details.



Typical MTS Installation  
Truss to Steel Studs

