

**Product Categories:**

Nonstructural metal stud framing: specification section 09 22 16  
For 33 mil and thicker: structural metal stud framing:  
specification section 05 40 00

**Available Coatings:**

For up to 30 mil: G40 (standard), G60 available.  
For 33 mil and thicker: G60 (standard), G90 available.

**Yield Strength:** See Fy column in table below.

**Allowable Tensile Capacity of Straps in Pounds**

| width (inches) | Fy (KSI) | 18 mil (25 ga) | 30 mil (DW20) | 33 mil (STR 20) | 43 mil (18 ga) | 54 mil (16 ga) | 68 mil (14 ga) | 97 mil (12 ga) |
|----------------|----------|----------------|---------------|-----------------|----------------|----------------|----------------|----------------|
| 1              | 33       | 371            | 617           | 684             | 891            | 1118           |                |                |
|                | 50       |                |               |                 |                | 1695           | 2135           | 3045           |
| 2              | 33       | 743            | 1233          | 1367            | 1782           | 2237           |                |                |
|                | 50       |                |               |                 |                | 3389           | 4269           | 6090           |
| 3              | 33       | 1114           | 1850          | 2051            | 2674           | 3355           |                |                |
|                | 50       |                |               |                 |                | 5084           | 6404           | 9135           |
| 4              | 33       | 1486           | 2466          | 2735            | 3565           | 4474           |                |                |
|                | 50       |                |               |                 |                | 6778           | 8539           | 12180          |
| 6              | 33       | 2229           | 3699          | 4102            | 5347           | 6711           |                |                |
|                | 50       |                |               |                 |                | 10168          | 12808          | 18269          |
| 8              | 33       | 2972           | 4932          | 5470            | 7130           | 8948           |                |                |
|                | 50       |                |               |                 |                | 13557          | 17078          | 24359          |
| 10             | 33       | 3715           | 6165          | 6837            | 8912           | 11184          |                |                |
|                | 50       |                |               |                 |                | 16946          | 21347          | 30449          |
| 12             | 33       | 4458           | 7398          | 8205            | 10694          | 13421          |                |                |
|                | 50       |                |               |                 |                | 20335          | 25617          | 36539          |

43 mil and thinner steel typically available in only 33 KSI.

68 mil and thicker steel typically available in only 50 KSI.

**CODES & STANDARDS**

*Super Stud products comply with the applicable provisions of the following:*

International Building Code (IBC) 2006 - 2018

Sheet Steel: ASTM A1003 & ASTM A653

Galvanized Coating: ASTM A653

Tolerances:

Nonstructural: ASTM C645, AISI S220

Structural: ASTM C955, AISI S240

Meets ASTM standards C754 (nonstructural) and C1007 (structural) when installed properly in structure.

3<sup>rd</sup> Party Certification: Manufacturing verified & inspected by Home Innovation Research Labs, Inc.

