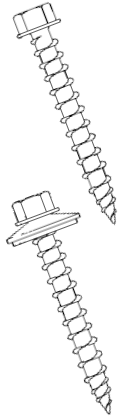




# TRUGRIP™ METAL-TO-WOOD FASTENERS

## Selector Guide



| Part Number                    | Description    | Head Style   | Drill Point | Drill & Tap Capacity | Material Attachment Range | Box Qty | Applications                          |
|--------------------------------|----------------|--------------|-------------|----------------------|---------------------------|---------|---------------------------------------|
| 1271000                        | 9-15 x 1"      | HWH          | Sharp       | .012-.048            | 0-.250                    | 7,000   | • Metal wall panel to wood structure  |
| 1272000                        | 9-15 x 1-1/2"  | HWH          | Sharp       | .012-.048            | 0-.750                    | 4,000   |                                       |
| 1276000                        | 9-15 x 3"      | HWH          | Sharp       | .012-.048            | 1.500-2.250               | 1,500   |                                       |
| 1558000                        | 14-10 x 1-1/2" | 5/16" AF HWH | Type 17     | .012-.048            | .445                      | 3,000   |                                       |
| <b>With 1/2" Bonded Washer</b> |                |              |             |                      |                           |         |                                       |
| 1262053                        | 9-15 x 1"      | HWH          | Sharp       | .012-.048            | 0-.250                    | 4,000   | • Metal roof and wall panel to wood   |
| 1264053                        | 9-15 x 1-1/2"  | HWH          | Sharp       | .012-.048            | 0-.750                    | 2,500   |                                       |
| 1267053                        | 9-15 x 2"      | HWH          | Sharp       | .012-.048            | .500-1.250                | 2,000   | • Metal Panel over insulation to wood |
| 1268000                        | 9-15 x 2-1/2"  | HWH          | Sharp       | .012-.048            | 0-.250                    | 1,500   |                                       |
| 1269000                        | 9-15 x 3"      | HWH          | Sharp       | .012-.048            | 1.500-2.250               | 1,000   |                                       |
| 1526053                        | 14-10 x 1-1/2" | 5/16" AF HWH | Type 17     | .012-.048            | 0-.750                    | 2,000   |                                       |

## Performance Data

| PULLOUT VALUES IN STEEL (average lbs. ultimate) |             |     |     |     |     |
|---|-------------|-----|-----|-----|-----|
| Fastener  | Steel Gauge |     |     |     |     |
|   | 26          | 24  | 22  | 20  | 18  |
| 9   | 171         | 252 | 329 | 401 | 634 |
| 12  | 199         | 271 | 360 | 426 | 656 |
| 10  | 151         | 238 | 291 | 359 | 478 |

| FASTENER VALUES    |                     |                        |                        |
|--------------------|---------------------|------------------------|------------------------|
| Fastener (dia-tpi) | Tensile (lbs. min.) | Shear (avg. lbs. ult.) | Torque (min. in. lbs.) |
| 9-15               | 1800                | 1200                   | 50                     |
| 12-14              | 2778                | 2000                   | 92                     |
| 10-16              | 1927                | 1200                   | 71                     |

| SHEET STEEL GAUGES |                    |
|--------------------|--------------------|
| Gauge No.          | Decimal Equivalent |
| 30                 | .012"              |
| 28                 | .015"              |
| 26                 | .018"              |
| 24                 | .024"              |
| 22                 | .030"              |
| 20                 | .036"              |
| 18                 | .048"              |

| PULLOUT VALUES IN WOOD (average lbs. ultimate) |                      |      |     |        |        |
|--|----------------------|------|-----|--------|--------|
| Fastener                                       | Embedment in 2" x 4" |      |     |        |        |
|  | 1/2"                 | 3/4" | 1"  | 1-1/4" | 1-1/2" |
| 9  | 198                  | 328  | 571 | 728    | 872    |
| 12   | 210                  | 335  | -   | -      | -      |
| 10   | 256                  | 710  | 753 | 1121   | 1358   |

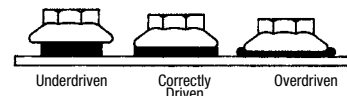
| PULLOVER VALUES (average lbs. ultimate) |          |             |     |      |      |      |
|---|----------|-------------|-----|------|------|------|
| Fastener                                | Dia.     | Steel Gauge |     |      |      |      |
|   |          | 26          | 24  | 22   | 20   | 18   |
| 9                                       | Unwashed | 465         | 623 | 815  | 1049 | 1549 |
| 9                                       | Washed   | 515         | 674 | 875  | 1100 | 1627 |
| 12                                      | Unwashed | 527         | 699 | 863  | 912  | 1185 |
| 12                                      | Washed   | 587         | 744 | 915  | 993  | 1246 |
| 10                                      | Washed   | 548         | 932 | 1122 | 1444 | 1894 |

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

## Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install TruGrip. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
- Adjust the screwgun nosepiece to properly seat the fastener.
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed.
- Overdriving may result in torsional failure of the fastener or stripout of the substrate.
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.

### Properly Seated Washers



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