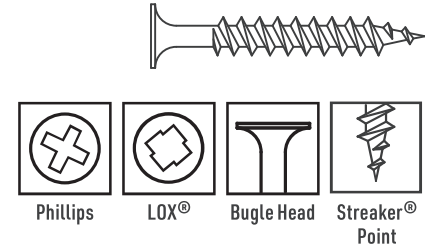
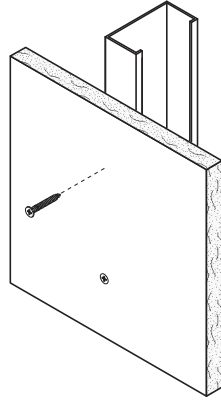
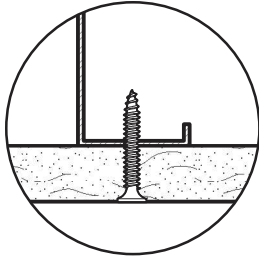


## Bugle Head, Fine Thread Drywall Screw - Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel

**GRABBER®**  
CONSTRUCTION PRODUCTS



**Description** Attaches gypsum board to light-gauge steel or wood.

### Specifications

**Size | Gauge:** #6 to #10

**Length:** 1 in. to 6 in.

**Head Type:** Bugle

**Recess Type:** #2 Phillips, #2 LOX®

**Thread Type:** Fine

**Thread Length:** Varies by item.  
Refer to the thread length reference section for specific dimensions.

**Finish:** Clear Zinc, Phosphate, Yellow Zinc

**Quality Assurance:** Grabber® fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories.

**LEED Reporting:** The post-consumer recycled steel content is 25%.

**Compliance:** The fasteners comply with ASTM C1002 performance requirements.

### Applications

- 3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs
- 1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel
- Steel or wood cabinets through single-layer gypsum board to light-gauge steel studs or wood
- OSB or plywood to light-gauge steel or wood

### Installation

- Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 4,000 RPM.
- For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.
- For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.
- The fastener must penetrate beyond the steel three full thread pitches.
- Overdriving may result in failure of the fastener or failure of the gypsum board.

### Features

- Fine thread, 15 threads per inch, is ideal for light-gauge steel applications.
- Extra-sharp, 23° Streaker® point is designed to penetrate light-gauge steel quickly and easily.
- Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.
- LOX® recess is designed for high-torque applications and will not strip out like most other recesses.
- The bugle head is designed to seat quickly and easily into gypsum board, creating a flush surface and easy finishing.

# Bugle Head, Fine Thread Drywall Screw - Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



## Standard Corrosion Test Results

| Finish      | Test       | Standard/Protocol | Results              |
|-------------|------------|-------------------|----------------------|
| Phosphate   | Salt Spray | ASTM B117         | 24 hrs., no red rust |
| Yellow Zinc | Salt Spray | ASTM B117         | 24 hrs., no red rust |
| Clear Zinc  | Salt Spray | ASTM B117         | 12 hrs., no red rust |

Note: Salt Spray Testing (SST) results are not intended to predict corrosion in real-world environments. The ASTM B117 standard for SST is recognized industry-wide as an effective tool for comparing different metals and different metal coatings in a tightly controlled, highly corrosive environment for specific periods of time. For more information about corrosion resistance, see the Grabber Guide to Corrosion Resistance for Fasteners.

## Pull-Out Test Data<sup>1</sup>

| Screw Gauge | TPI <sup>2</sup> | Steel Gauge | Design Thickness | Tension | Shear    |
|-------------|------------------|-------------|------------------|---------|----------|
| #6          | 15               | 25          | 0.0188 in.       | 33 lbs. | 60 lbs.  |
|             |                  | 20          | 0.0346 in.       | 61 lbs. | 151 lbs. |
| #7          | 15               | 25          | 0.0188 in.       | 36 lbs. | 63 lbs.  |
|             |                  | 20          | 0.0346 in.       | 67 lbs. | 158 lbs. |
| #8          | 12 and 15        | 25          | 0.0188 in.       | 39 lbs. | 66 lbs.  |
|             |                  | 20          | 0.0346 in.       | 72 lbs. | 164 lbs. |
| #10         | 12               | 25          | 0.0188 in.       | 46 lbs. | 71 lbs.  |
|             |                  | 20          | 0.0346 in.       | 84 lbs. | 177 lbs. |

<sup>1</sup>Test data values reported are allowable as determined by calculations and industry established test criteria, such as ICC-ES Acceptance Criteria and ASTM test standards. Please contact Grabber for detailed information about testing performed for specific products or if ultimate values are needed.

## Sheet Steel Gauges

| Gauge No. | Design Thickness | Millimeter Equivalent |
|-----------|------------------|-----------------------|
| 25        | 0.0188 in.       | 0.4775 mm             |
| 20        | 0.0346 in.       | 0.8788 mm             |



## Product Dimensions

| Screw Gauge | B Head Dia. | Recess              | D1 Minor Dia. | D2 Major Dia. | TPI <sup>2</sup> |
|-------------|-------------|---------------------|---------------|---------------|------------------|
| #6          | 0.325 in.   | #2 Phillips         | 0.091 in.     | 0.138 in.     | 15               |
| #7          | 0.325 in.   | #2 Phillips         | 0.097 in.     | 0.151 in.     | 15               |
| #8          | 0.325 in.   | #2 Phillips         | 0.114 in.     | 0.164 in.     | 15               |
|             | 0.343 in.   | #2 Phillips         | 0.114 in.     | 0.164 in.     | 12               |
| #10         | 0.343 in.   | #2 Phillips         | 0.130 in.     | 0.190 in.     | 12               |
|             | 0.431 in.   | #2 LOX <sup>®</sup> | 0.130 in.     | 0.190 in.     | 12               |

<sup>2</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

**Thread Length:** Dimensions vary by item. Consult the thread length reference section at the back of the catalog for item-specific details.

## General Wood Substrate Load Data

| Item No. | Shear Strength <sup>1</sup> | Tensile Strength <sup>1</sup> | Withdrawal Capacity <sup>2</sup> | Lateral Resistance <sup>2</sup> |                      |
|----------|-----------------------------|-------------------------------|----------------------------------|---------------------------------|----------------------|
|          |                             |                               |                                  | 1/2 in. Gypsum Panel            | 5/8 in. Gypsum Panel |
| 368      | 180 ksi                     | 210 ksi                       | 466 lbf. / in. penetration       | 119 lbf. / fastener             | 205 lbf. / fastener  |

<sup>1</sup>Testing per AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute.

<sup>2</sup>Testing per ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials.

# Bugle Head, Fine Thread Drywall Screw - Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



## Ordering Information and Product Options

| Item No.           | Size           | Recess              | Head Dia. | TPI | Quantity | Weight | Special Features |
|--------------------|----------------|---------------------|-----------|-----|----------|--------|------------------|
| <b>Phosphate</b>   |                |                     |           |     |          |        |                  |
| 168                | 6 x 1 in.      | #2 Phillips         | 0.325 in. | 15  | 10,000   | 32 lb. |                  |
| 268                | 6 x 1 1/8 in.  | #2 Phillips         | 0.325 in. | 15  | 10,000   | 34 lb. |                  |
| 368                | 6 x 1 1/4 in.  | #2 Phillips         | 0.325 in. | 15  | 8,000    | 31 lb. |                  |
| 468                | 6 x 1 5/8 in.  | #2 Phillips         | 0.325 in. | 15  | 5,000    | 24 lb. |                  |
| 568                | 6 x 1 3/4 in.  | #2 Phillips         | 0.325 in. | 15  | 5,000    | 27 lb. |                  |
| 768                | 6 x 2 in.      | #2 Phillips         | 0.325 in. | 15  | 3,500    | 21 lb. |                  |
| 868                | 7 x 2 1/4 in.  | #2 Phillips         | 0.325 in. | 15  | 3,000    | 23 lb. |                  |
| 968                | 8 x 2 1/2 in.  | #2 Phillips         | 0.325 in. | 15  | 2,500    | 24 lb. |                  |
| 1168               | 8 x 3 in.      | #2 Phillips         | 0.325 in. | 15  | 2,000    | 23 lb. |                  |
| 1268               | 10 x 3 1/2 in. | #2 Phillips         | 0.343 in. | 12  | 1,000    | 19 lb. |                  |
| 1368               | 10 x 4 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 22 lb. |                  |
| 1468               | 10 x 4 1/2 in. | #2 Phillips         | 0.343 in. | 12  | 1,000    | 24 lb. |                  |
| 1568               | 10 x 5 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 26 lb. |                  |
| 1768               | 10 x 6 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 32 lb. |                  |
| C168               | 6 x 1 in.      | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  | Collated         |
| C268               | 6 x 1 1/8 in.  | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  |                  |
| C368               | 6 x 1 1/4 in.  | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  |                  |
| C468               | 6 x 1 5/8 in.  | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  |                  |
| C568               | 6 x 1 3/4 in.  | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  |                  |
| C768               | 6 x 2 in.      | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  |                  |
| <b>Yellow Zinc</b> |                |                     |           |     |          |        |                  |
| 368YZ              | 6 x 1 1/4 in.  | #2 Phillips         | 0.325 in. | 15  | 8,000    | 31 lb. |                  |
| 1268YZ             | 10 x 3 1/2 in. | #2 Phillips         | 0.343 in. | 12  | 1,000    | 19 lb. |                  |
| 1368YZ             | 10 x 4 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 22 lb. |                  |
| 1568YZ             | 10 x 5 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 26 lb. |                  |
| 1768YZ             | 10 x 6 in.     | #2 Phillips         | 0.343 in. | 12  | 1,000    | 32 lb. |                  |
| B10450LYZ          | 10 x 4 1/2 in. | #2 LOX <sup>®</sup> | 0.431 in. | 12  | 1,000    | 25 lb. |                  |
| <b>Clear Zinc</b>  |                |                     |           |     |          |        |                  |
| 168Z               | 6 x 1 in.      | #2 Phillips         | 0.325 in. | 15  | 10,000   | 32 lb. |                  |
| 268Z               | 6 x 1 1/8 in.  | #2 Phillips         | 0.325 in. | 15  | 10,000   | 34 lb. |                  |
| 368Z               | 6 x 1 1/4 in.  | #2 Phillips         | 0.325 in. | 15  | 8,000    | 31 lb. |                  |
| 468Z               | 6 x 1 5/8 in.  | #2 Phillips         | 0.325 in. | 15  | 5,000    | 24 lb. |                  |
| 768Z               | 6 x 2 in.      | #2 Phillips         | 0.325 in. | 15  | 3,500    | 21 lb. |                  |
| 968Z               | 8 x 2 1/2 in.  | #2 Phillips         | 0.325 in. | 15  | 2,500    | 24 lb. |                  |
| 1168Z              | 8 x 3 in.      | #2 Phillips         | 0.343 in. | 12  | 2,000    | 23 lb. |                  |
| C168Z              | 6 x 1 in.      | #2 Phillips         | 0.325 in. | 15  | 1,000    | 5 lb.  | Collated         |

Note: Product availability is subject to change without prior notice and the availability of products may differ from what is printed in literature and displayed on our website. The items listed are bulk size. Most are also available in smaller package sizes such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

**Bugle Head, Fine Thread Drywall Screw - Interior**  
PS1017 USA-ENG/Rev. 2-26

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