

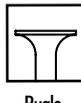
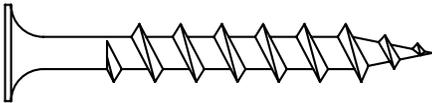
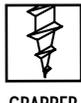
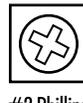
INTERIOR WOOD

Product #2301

Bugle Head GRABBER® - Interior (1 OF 3)

Attaches gypsum board to wood. Extra sharp point and threads make driving easier and provide better holding power.

Finish - Black/Gray Phosphate, Yellow Zinc and Clear Zinc

Bugle
HeadGRABBER
Point#2 Phillips
Drive**APPLICATIONS**

- ▶ 3/8", 1/2", and 5/8" single-layer gypsum board to wood studs and joists
- ▶ 1/2" and 5/8" double-layer gypsum board to wood studs and joists
- ▶ Insulation to wood
- ▶ OSB or plywood to wood
- ▶ Wood to wood applications

SPECIFICATIONS

- ▶ Gauge – #6 to #10
- ▶ Lengths – 1" to 4"
- ▶ Head Type – Bugle
- ▶ Recess Type – #2 Phillips
- ▶ Thread Type – Single Lead
- ▶ Finish – Gray Phosphate. Also available in Yellow Zinc and GRABBERGARD®
- ▶ GRABBER® screws are manufactured in an ISO 9002 and ISO 14001 certified and approved factory, and are approved by ICCES ER-5280.

PRODUCT FEATURES

- ▶ Superior holding power and ease of penetration
- ▶ A coarse thread screw for general interior applications
- ▶ 8 threads per inch
- ▶ Extra sharp, single lead 23° GRABBER point, designed to penetrate quickly and easily
- ▶ #2 Phillips recess drive

INSTALLATION GUIDELINES

- ▶ Use a standard screwgun with a depth-sensitive nose piece. Suggested screwgun specification for optimal performance – 4 amps minimum and 2500 RPM.
- ▶ The Bugle head is fully seated when the head is flush with the work surface.
- ▶ Overdriving may result in failure of the fastener or stripout of the work surface.
- ▶ For wood to wood connections, minimum penetration should be 7 diameters (e.g. 1-1/4" for #8 fastener)

INTERIOR WOOD

Product #2301

Bugle Head GRABBER® - Interior (2 OF 3)

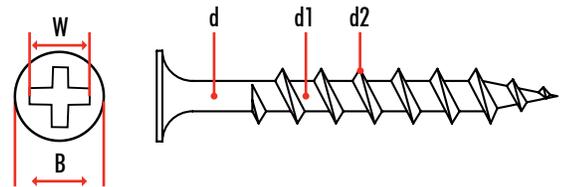
PRODUCT SIZES AND ORDERING INFORMATION

| Catalog No. | Gauge/Length | Length Metric | Quantity Per Carton | Weight Per Carton |
|-------------|--------------|---------------|---------------------|-------------------|
| 100YZ | #6x1" | 25 mm | 10 M | 30.00(lbs) |
| 100Z | #6x1" | 25 mm | 10 M | 29.00(lbs) |
| 100 | #6x1" | 25 mm | 10 M | 29.00(lbs) |
| 300 | #6x1-1/4" | 32 mm | 8 M | 30.00(lbs) |
| 300YZ | #6x1-1/4" | 32 mm | 8 M | 33.00(lbs) |
| 300Z | #6x1-1/4" | 32 mm | 8 M | 33.00(lbs) |
| 200Z | #6x1-1/8" | 28 mm | 10 M | 32.00(lbs) |
| 200 | #6x1-1/8" | 28 mm | 10 M | 30.00(lbs) |
| 400YZ | #6x1-5/8" | 41 mm | 5 M | 22.00(lbs) |
| 400Z | #6x1-5/8" | 41 mm | 5 M | 22.00(lbs) |
| 400 | #6x1-5/8" | 41 mm | 5 M | 22.00(lbs) |
| 500YZ | #7x2" | 51 mm | 3.5 M | 22.00(lbs) |
| 500Z | #7x2" | 51 mm | 3.5 M | 21.00(lbs) |
| 500 | #7x2" | 51 mm | 3.5 M | 21.00(lbs) |
| 600 | #7x2-1/4" | 57 mm | 3 M | 20.00(lbs) |
| 600Z | #7x2-1/4" | 57 mm | 3 M | 20.00(lbs) |
| 900 | #8x2-1/2" | 63 mm | 2.5 M | 19.00(lbs) |
| 900YZ | #8x2-1/2" | 63 mm | 2.5 M | 25.00(lbs) |
| 900Z | #8x2-1/2" | 63 mm | 2.5 M | 25.00(lbs) |
| 1100YZ | #8x3" | 76 mm | 2 M | 22.00(lbs) |
| 1100Z | #8x3" | 76 mm | 2 M | 22.00(lbs) |
| 1100 | #8x3" | 76 mm | 2 M | 21.00(lbs) |
| 1200 | #10x3-1/2" | 89 mm | 1 M | 17.00(lbs) |
| 1300 | #10x4" | 102 mm | 1 M | 20.00(lbs) |
| 1300Z | #10x4" | 102 mm | 1 M | 20.00(lbs) |

*1lb Box, 5lb Box and Collated screw packaging option available on selected items.

STANDARD CORROSION TEST RESULTS

| Finish | Test | Standard/Protocol | Results |
|----------------------|--------------------|-------------------|-----------------------|
| Black/Gray Phosphate | Salt Spray Results | ASTM B117 | 24 hours, No Red Rust |
| Yellow Zinc | Salt Spray Results | ASTM B117 | 48 hours, No Red Rust |
| Clear Zinc | Salt Spray Results | ASTM B117 | 24 hours, No Red Rust |



All GRABBER® screw products are manufactured in facilities that are ISO 9002 and ISO 14001 certified and approved. The fasteners comply with ASTM C1002, as referenced in ICCES report ER-5280 are approved for use in structures governed by the International Building Code 2006, 2009, 2012, International Residential Building Code 2006, 2009, and 2012.



INTERIOR WOOD

Product #2301

Bugle Head GRABBER® - Interior (3 OF 3)

PRODUCT DIMENSIONS (MILLIMETERS)

| Gauge | B Head Dia | Recess Depth | W Gauging Width | d Shank Dia | d1 Minor Dia | d2 Major Dia | TPI |
|-------|------------|--------------|-----------------|-------------|--------------|--------------|-----|
| #6 | 8.00 | 0.50 | #2 | 2.68 | 2.25 | 3.75 | 8 |
| | 8.50 | 0.80 | | 2.72 | 2.45 | 3.95 | |
| #7 | 8.00 | 0.50 | #2 | 2.93 | 2.50 | 4.05 | 8 |
| | 8.50 | 0.80 | | 2.97 | 2.80 | 4.30 | |
| #8 | 8.00 | 0.50 | #2 | 3.18 | 2.80 | 4.30 | 8 |
| | 8.50 | 0.80 | | 3.22 | 3.10 | 4.60 | |
| #10 | 8.50 | 0.50 | #2 | 3.78 | 3.20 | 5.00 | 8 |
| | 8.90 | 0.80 | | 3.82 | 3.50 | 5.30 | |

PULL-OUT TEST DATA

| Screw Gauge | 2x2 Douglas Fir | 2x4 Redwood | 1x3 Clear Pine | 1" Plywood | 3/4" Particleboard |
|-------------|-----------------|-------------|----------------|------------|--------------------|
| #6 | 339 | 309 | 186 | 222 | 224 |
| #7 | 430 | 258 | 291 | 250 | 227 |
| #8 | 528 | 500 | 396 | 246 | 324 |
| #10 | 545 | 320 | 332 | 312 | 255 |

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