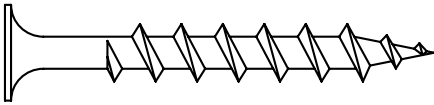


**INTERIOR WOOD****Product #232****Bugle Head GRABBER<sup>®</sup> Laminator** (1 OF 2)

Laminates gypsum board. Heavy gauge laminator screws are also ideal for wood to wood connection.

Finish - Black/Gray Phosphate and GRABBERGARD<sup>®</sup>



Bugle  
Head



GRABBER  
Point



#2 Phillips  
Drive

**APPLICATIONS**

- ▶ Multi-layer adhesively laminated gypsum-to-gypsum partitions
- ▶ Coreboard to multiple-layer elevator shaft liners
- ▶ Not recommended for double-layer 3/8" panels

**PRODUCT FEATURES**

- ▶ A coarse thread screw for temporarily fastening one layer of drywall to another
- ▶ 8 threads per inch
- ▶ Extra sharp, single lead 23° GRABBER<sup>®</sup> point, designed to penetrate quickly and easily
- ▶ #2 Phillips recess drive

**SPECIFICATIONS**

- ▶ Gauge – #6 to #10
- ▶ Length – 1-1/2"
- ▶ Head Type – Bugle
- ▶ Recess Type – #2 Phillips
- ▶ Thread Type – Single Lead
- ▶ Finish – Gray Phosphate
- ▶ GRABBER<sup>®</sup> screws are manufactured in an ISO 9002 and ISO 14001 certified and approved factory, and are approved by ICCES ER-280.

**INSTALLATION GUIDELINES**

- ▶ Use a standard screwgun with a depth-sensitive nose piece. Suggested screwgun specification for optimal performance – 4 amps minimum and RPM range of 0 to 2,500.
- ▶ 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.

**INTERIOR WOOD**

**Product #232**

**Bugle Head GRABBER® Laminator (2 OF 2)**

**PRODUCT SIZES AND ORDERING INFORMATION**

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
12RG	#10x1-1/2"	38 mm	5 M	37.00(lbs)
12	#10x1-1/2"	38 mm	5 M	37.00(lbs)

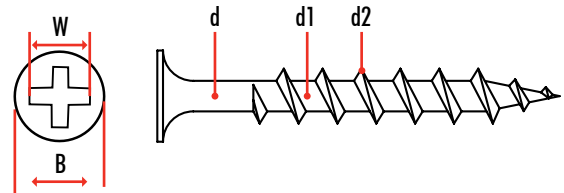
\*1lb Box, 5lb Box and Collated screw packaging option available on selected items.

**PRODUCT DIMENSIONS (MILLIMETERS)**

Gauge	B Head Dia	Recess Depth	W Gauging Width	d Shank Dia	d1 Minor Dia	d2 Major Dia	TPI
#10	8.50	2.87	#2	3.78	3.20	5.00	8
	8.90	3.30		3.82	3.50	5.30	

**STANDARD CORROSION TEST RESULTS**

Finish	Test	Standard/Protocol	Results
Black/Gray Phosphate	Salt Spray Results	ASTM B117	24 hours, No Red Rust
GRABBERGARD	Salt Spray Results	ASTM B117	1,000 hours, No Red Rust
GRABBERGARD	Kesternich Results	DIN 50018, 2.0L	15 cycles, 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.

