

## Submittal Sheet

Submittal Sheet #03090411

### Bugle Head Coarse Thread, Interior Screws (230I)

Product:	Item#	Description	Unit Pack
	B10450LYZ	10 x 4-1/2-in, Bugle Head, Drivall®, LOX®, 16TPI, Yellow Zinc, Bulk	1,000
	100Z	6 x 1-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	10,000
	C300	6 x 1-1/4-in, Bugle Head, Coarse Thread, Phosphate, Collated	1,000
	200	6 x 1-1/8-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	10,000
	C300YZ	6 x 1-1/4-in, Bugle Head, Coarse Thread, Yellow Zinc, Collated	1,000
	100YZ	6 x 1-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	10,000
	100	6 x 1-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	10,000
	C400YZ	6 x 1-5/8-in, Bugle Head, Coarse thread, Yellow Zinc, Collated	1,000
	1200	10 x 3-1/2-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	1,000
	1300	10 x 4-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	1,000
	300	6 x 1-1/4-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	8,000
	400	6 x 1-5/8-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	5,000
	500	7 x 2-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	3,500
	600	7 x 2-1/4-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	3,000
	900	8 x 2-1/2-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	2,500
	1100	8 x 3-in, Bugle Head, Coarse Thread, Phillips, Phosphate, Bulk	2,000
	1200YZ	10 x 3-1/2-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	1,000
	1300Z	10 x 4-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	1,000
	1300YZ	10 x 4-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	1,000
	300Z	6 x 1-1/4-in, Bugle Head, Coarse thread, Clear Zinc, Bulk	8,000
	300YZ	6 x 1-1/4-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	8,000
	200Z	6 x 1-1/8-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	10,000
	200YZ	6 x 1-1/8-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	10,000
	400Z	6 x 1-5/8-in, Bugle Head, Coarse thread, Clear Zinc, Bulk	5,000
	400YZ	6 x 1-5/8-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	5,000
	500Z	7 x 2-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	3,500
	500YZ	7 x 2-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	3,500
	600Z	7 x 2-1/4-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	3,000
	600YZ	7 x 2-1/4-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	3,000
	900Z	8 x 2-1/2-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	2,500
	900YZ	8 x 2-1/2-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	2,500
	1100Z	8 x 3-in, Bugle Head, Coarse Thread, Clear Zinc, Bulk	2,000
	1100YZ	8 x 3-in, Bugle Head, Coarse Thread, Phillips, Yellow Zinc, Bulk	2,000
	C400	6 x 1-5/8-in, Bugle Head, Coarse Thread, Phosphate, Collated	1,000
	C500	7 x 2-in, Bugle Head, Coarse Thread, Phosphate, Collated	1,000

Screw Series	Designation	Head Type	Nominal Diameter	Nominal Head Diameter	Nominal Gauge- TPI	Nominal Length	Point (No#)	Thread Length	Drilling Capacity Min#	Drilling Capacity Max#	Coating
Grabber	Interior Wood	Bugle Head	0.138	0.325	#6-8	1	Grabber	0.875	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.138	0.325	#6-8	1.25	Grabber	1.125	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.138	0.325	#6-8	1.125	Grabber	1	N/A	N/A	P, Z
Grabber	Interior Wood	Bugle Head	0.138	0.325	#6-8	1.625	Grabber	1.5	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.151	0.325	#7-8	2	Grabber	1.875	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.151	0.325	#7-8	2.25	Grabber	2	N/A	N/A	P, Z
Grabber	Interior Wood	Bugle Head	0.164	0.325	#8-8	2.5	Grabber	2	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.164	0.325	#8-8	3	Grabber	2	N/A	N/A	P, Z, YZ
Grabber	Interior Wood	Bugle Head	0.19	0.343	#10-8	3.5	Grabber	2	N/A	N/A	P
Grabber	Interior Wood	Bugle Head	0.19	0.343	#10-8	4	Grabber	2	N/A	N/A	P, Z

**NOTE:** Grabber screws with the item numbers ending in "A" are manufactured in the United States of America. Grabber American Made Screws are SPECIAL ORDER INVENTORY. CONTACT GRABBER FOR CURRENT PRICE AND AVAILABILITY.

Z = Clear Zinc

YZ = Yellow Zinc

RG = GrabberGard® Exterior Grade Coating

A = Made in USA

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

- 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

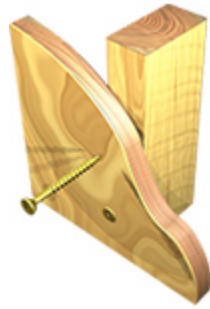
**Description:** Bugle Head, #2 phillips recess drive, coarse 8 TPI, black phosphorus finish with 23+ single lead point. Also available in yellow zinc and clear zinc.

- 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

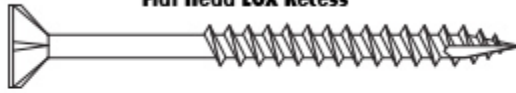
**Directions:** Use a standard screwgun with a depth-sensitive nose piece. Suggested screwgun specification for optimal performance – 4 amps minimum and 2500 RPM.

- 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)

**Certifications:** All GRABBER® screw products are manufactured in facilities that are ISO 9002 and ISO 14001 certified and approved. The fasteners comply with ASTM C1002 and ASTM C1513, as referenced in ICC ES report ER-5280 are approved for use in structures governed by the International Building Code 2006, 2009, 2012 and 2015, International Residential Building Code 2006, 2009, 2012 and 2015, California Building Code CBC 2013, CRC 2013, FLORIDA Building Code, FBC 2014 Residential, FBC 2014 Building . ©2015 GRABBER Construction Products, Inc. GRABBER®, STREAKER®, DRIVALL®, LOX®, EAGLE®, ANYDECK®, GRABBERGARD® and SCAVENGER® are registered trademarks of Grabber Construction Products, Inc.



**Flat Head LOX Recess**



SUBMITTAL APPROVALS:

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JOB NAME

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CONTRACTOR

DATE

**TRADEMARKS:**

The following trademark used herein is owned by Grabber Construction Products, Inc.: GRABBER.

**NOTICE:**

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our Liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days of the date it was or reasonably should have been discovered.

## Bugle Head Coarse Thread, Interior Screws (230I)



### PRODUCT SPECIFICATIONS

<b>Fastener Classification</b>	Interior Wood, Heavy Gauge Metal (18 or thicker)
<b>Fastener Head</b>	Bugle
<b>Fastener Drive</b>	#2 Phillips, LOX #2
<b>Fastener Gauge</b>	#6, #7, #8, #10
<b>Fastener Point</b>	Grabber
<b>Fastener Package Type</b>	Packaged Screws, Collated Screws (for automated feed systems)
<b>Fastener Package Weight</b>	Mini Pack, 1lb Box, 5 Pound, 5lb Box, Bulk Box
<b>Fastener TPI</b>	8, 16
<b>Fastener Coating</b>	Black/Gray Phosphate, Gray Phosphate, Yellow Zinc, Clear Zinc
<b>Fastener Color</b>	Gray, Ivory, Yellow

### STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
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
Dracrotized	Salt Spray Results	ASTM B117	500 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
304 Stainless Steel	Salt Spray Results	ASTM B117	1000 hours, no red rust
316 Stainless Steel	Salt Spray Results	ASTM B117	1500 hours, no red rust

Grabber's approved mill keeps tight control over all production standards and processes. Grabber's mill is ISO 9001, ISO 14001 and ICC-ES certified compliant ensuring Grabber fasteners meet or exceed the highest industry standards.