

EXTERIOR WOOD**Product #281X****Flat Head Ribbed Screws, LOX® Drive** (1 OF 2)

LOX recess, GrabberGard exterior grade coated screws for deck and fence attachment and general exterior wood construction to wood.

Finish - GRABBERGARD®



Flat Head
With Nibs



Type 17
Point



LOX #2

APPLICATIONS

- ▶ Outdoor projects such as decks, docks, fences, and gazebos (with GRABBERGARD™ finish)
- ▶ Indoor uses with cabinets, counters, furniture, and paneling
- ▶ Any wood-to-wood application

SPECIFICATIONS

- ▶ Gauge - #8 and #10
- ▶ Length – 1-1/2" to 4"
- ▶ Head Type – Flat
- ▶ Recess Type – LOX #2
- ▶ Thread Type – Single Lead
- ▶ GRABBER® screws are manufactured in an ISO 9002 and ISO 14001 certified and approved factory, and are approved by ICC ER report ER-5280.

PRODUCT FEATURES

- ▶ A superior, weather and element resistant screw The flat head is designed specifically for wood applications
- ▶ LOX recess drive does not require a magnetic bit tip holder
- ▶ Ribbed head ensures flush countersinking
- ▶ 8 TPI design provides increased holding power

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 4,000.
- ▶ The Flat head is fully seated when the head is flush with the work surface.
- ▶ Overdriving may result in failure of the fastener or strip out of the work surface.

EXTERIOR WOOD

Product #281X

Flat Head Ribbed Screws, LOX® Drive (2 OF 2)

PRODUCT SIZES AND ORDERING INFORMATION

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
W8150RG	#8x1-1/2"	38 mm	2450	16.00(lbs)
W8175RG	#8x1-3/4"	45 mm	2450	18.00(lbs)
W8200RG	#8x2"	51 mm	1750	15.00(lbs)
8250JBWD	#8x2-1/2"	63 mm	2.5 M	23.00(lbs)
W9250RG	#9x2-1/2"	63 mm	1750	21.00(lbs)
W9300RG	#9x3"	76 mm	1750	25.00(lbs)
W10350RG	#10x3-1/2"	89 mm	700	15.00(lbs)
W10400RG	#10x4"	102 mm	700	16.00(lbs)

*1lb Box and Deck Pack 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
#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

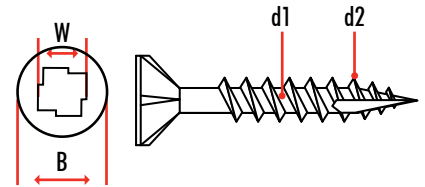
Gauge	2x2 Douglas Fir	2x4 Redwood	1x3 Clear Pine	1" Plywood	3/4" Particleboard
#8	373	377	358	265	227
#9	380	391	375	280	263
#10	404	402	396	314	319

**GRABBER® fasteners are not categorized as structural bolts. The figures listed above are ultimate average values achieved under independent laboratory conditions, and apply to GRABBER® Line fasteners only. An appropriate safety factor must be determined by a qualified professional for design purposes.

STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
GRABBERGARD	Salt Spray Results	ASTM B117	1,000 hours, no red rust
GRABBERGARD	Kesternich Results	DIN 50018, 2.0L	15 cycles, no red rust

GRABBERGARD® and GRABBER Stainless Wood screws are produced in an ISO 9001 approved and certified environment, and meet or exceed American Society for Testing and Materials Standards ASTM Designation B117 (1000hrs) for Corrosion Resistance and D1761 for Mechanical Fasteners for Wood. GRABBER®, STREAKER®, DRIVALL®, LOX®, GRABBERGARD® and SCAVENGER® are registered names or trademarks by John Wagner Associates, Inc.



All GRABBER® screw products are manufactured in facilities that are ISO 9002 and ISO 14001 certified and approved. The fasteners comply with ASME B18.6.1, as referenced in ICC ER 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. ©2012 GRABBER Construction Products, Inc. GRABBER®, STREAKER®, DRIVALL®, LOX®, GRABBERGARD® and SCAVENGER® are registered trademarks of Grabber Construction Products, Inc.

