

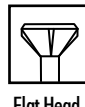
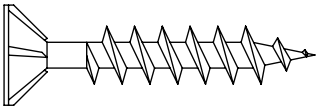
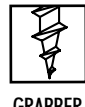
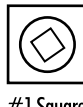
INTERIOR WOOD

Product #280

Woodys Flat Head Ribbed Screws, Square Drive (1 OF 3)

Flat head screws for interior projects such as cabinets, paneling, furniture, wood framing, stairs, wood trim & more.

Finish - Yellow Zinc and Clear Zinc

Flat Head
With NibsGRABBER
Point#1 Square
Drive**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
- ▶ Lengths – 1-1/8" to 4"
- ▶ Head Type – Flat
- ▶ Thread Type – Single Lead
- ▶ Recess Type – #2 Square recess
- ▶ Finish – Clear or Yellow Zinc, Gray Phosphate, and GRABBERGARD®
GRABBER® screws are manufactured in an ISO 9001 and ISO 14001 certified and approved factory.

PRODUCT FEATURES

- ▶ A superior, weather and element resistant screw Square recess creates a positive seat for driver
- ▶ 8 TPI design provides increased holding power
- ▶ The flat head is designed specifically for wood applications
- ▶ Ribbed head ensures flush countersinking

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 Flat 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.
- ▶ The fastener must penetrate beyond the metal a minimum of three thread pitches.

INTERIOR WOOD

Product #280

Woodys Flat Head Ribbed Screws, Square Drive (2 OF 3)

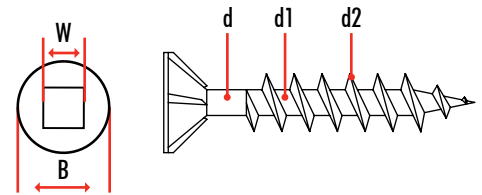
PRODUCT SIZES AND ORDERING INFORMATION

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
78100Z	#8x1"	25 mm	8 M	30.00(lbs)
78150YZ	#8x1-1/2"	38 mm	5 M	31.00(lbs)
78150Z	#8x1-1/2"	38 mm	5 M	31.00(lbs)
78125Z	#8x1-1/4"	32 mm	6 M	32.00(lbs)
78118Z	#8x1-1/8"	28 mm	6 M	31.00(lbs)
78175Z	#8x1-3/4"	45 mm	4 M	28.00(lbs)
78200YZ	#8x2"	51 mm	3 M	25.00(lbs)
78200Z	#8x2"	51 mm	3 M	25.00(lbs)
78250YZ	#9x2-1/2"	63 mm	2.5 M	27.00(lbs)
78250Z	#9x2-1/2"	63 mm	2.5 M	27.00(lbs)
78275YZ	#9x2-3/4"	70 mm	2 M	27.00(lbs)
78300YZ	#9x3"	76 mm	2 M	26.00(lbs)
78300Z	#9x3"	76 mm	2 M	26.00(lbs)
78350YZ	#10x3-1/2"	89 mm	1 M	19.00(lbs)
78350Z	#10x3-1/2"	89 mm	1 M	19.00(lbs)
78400Z	#10x4"	102 mm	1 M	21.00(lbs)

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

STANDARD CORROSION TEST RESULTS

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



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INTERIOR WOOD

Product #280

Woodys Flat Head Ribbed Screws, Square Drive (3 OF 3)

PULL-OUT TEST DATA

Screw Gauge	2x2 Douglas Fir	2x4 Redwood	1x3 Clear Pine	1" Plywood	3/4" Particleboard
#8	373	377	358	265	227
#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.

PRODUCT DIMENSIONS (MILLIMETERS)

Gauge	B Head Dia	Recess Depth	W Gauging Width	d Shank Dia	d1 Minor Dia	d2 Major Dia	TPI
#8	7.42	1.65	#2	3.18	2.70	4.30	8
	8.30	2.08		3.22	3.00	4.60	
#10	8.64	1.65	#2	3.78	3.20	5.10	8
	9.09	2.08		3.82	3.50	5.50	

FASTENER STRENGTH TEST DATA

Gauge	Bending Yield Strength, psi	Ultimate Tension (pounds)	Allowable Tension (pounds)	Ultimate Shear (pounds)	Allowable Shear (pounds)
#8	200,000	2,125	708	1,656	552
#9	195,000	2,284	761	1,691	564
#10	190,000	2,504	835	2,039	680

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