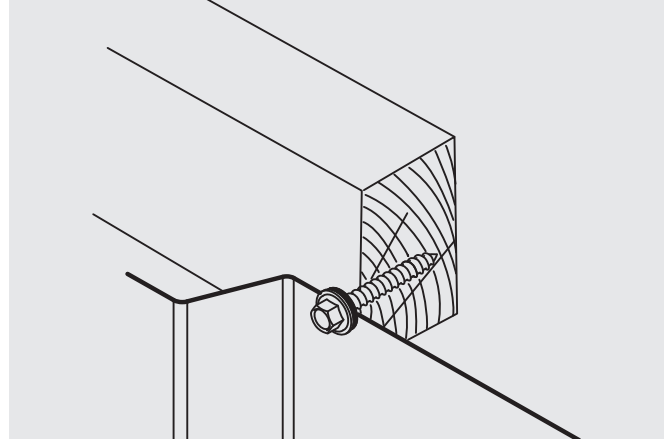


#12-8 Woodgrip XG Bond Seal Metal to Wood Fastener



Features and Benefits

- High hex washer head for driving stability
- Sharp point for fast installation
- Extra aggressive thread design; superior resistance to strip-out
- Improved pull out values over other wood screws
- Assembled premium bond seal washer
- VistaCoat® premium coating system
- VistaCoat® limited warranty

Application

Metal panel to wood

Product Selection

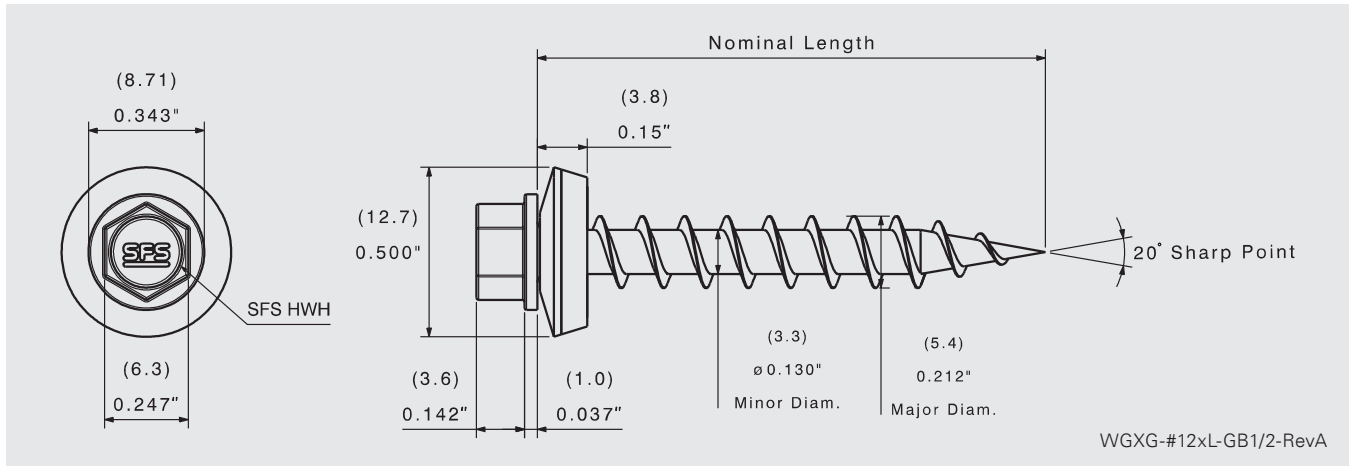
Material No.	Fastener Length		Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)				
1599104	1"	25	Full	WGXC-#12x1-GB1/2	22	2,500
1599197	1-1/2"	38	Full	WGXC-#12x1-1/2-GB1/2	22	2,000
1599334	2"	51	Full	WGXC-#12x2-GB1/2	21	1,500
1599401	2-1/2"	64	Full	WGXC-#12x2-1/2-GB1/2	16	1,000

Plain product bagged 250 pieces, unless otherwise noted.

*Note – Thread length measured from tip of the drill point to end of the threads.



#12-8 Woodgrip XG Bond Seal Metal to Wood Fastener



Product Specifications

Diameter: #12 (5.4 mm)
Threads Per Inch: 8
Head Style: 1/4" dia. HWH AF (6.3 mm)
Washer: 1/2" galvanized and EPDM bond seal (12.7 mm)

Drill Point: Sharp point
Drill Capacity: 24 ga. (0.6 mm)
Thread Major Dia: 0.212" (5.4 mm)
Thread Minor Dia: 0.130" (3.3 mm)

Performance Data^{1,2,3}

Material Strength

Tensile	1751 lbf / 7789 N
Shear	1223 lbf / 5440 N
Torsional	60 lbf-in / 6.78 N-m

Pull Out Strength

SPF 1" penetration	571 lbf / 2540 N
SPF 1-1/2" penetration	874 lbf / 3888 N
1x4" Pine	590 lbf / 2624 N
3/4" Plywood	587 lbf / 2611 N
5/8" Plywood	446 lbf / 1984 N
1/2" Plywood	384 lbf / 1708 N
23/32" OSB	524 lbf / 2331 N
19/32" OSB	456 lbf / 2028 N
7/16" OSB	280 lbf / 1246 N

Pull Over Strength

29 Ga (0.3 mm)	577 lbf / 2567 N
26 Ga (0.5 mm)	637 lbf / 2834 N
24 Ga (0.6 mm)	800 lbf / 3559 N

Strip out values average over 30% higher than standard Woodgrips.

¹ Pull out strength values may vary from tabulated loads depending upon specific wood density variations.

² Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

³ SFS [4899.12, 4381.07]

Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

Special care needs to be taken when installing #12 Woodgrip XG fasteners into wood substrate less than 1" in thickness. Stripping or partially stripping the fastener out during installation compromises the clamp load and can affect the performance of the fastener.

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Metric values are approximate conversions.

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (01/2024, V1.02)