

PRODUCT SUBMITTAL

Project:

Date of Submittal:

Submitted by, Contact name	Submitted	by,	Contact	name
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Company:

Address:

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Approved	Approved as Noted	Not Approved
Comments:		
By:	ſ	Date:

List of items from Table A submitted for the project:

Product Family: S-PWH - SCORPION-Self-Piercing Wafer Head Hi-Lo Thread

TABLE A

Item Number	Screw Size (#)	Length	Head Style	Head/Washer Diameter	ТРІ	Point Size/Style	Coating	Maximum Total Drilling Thickness	Drive Type	Approximate Bulk/Collated Quantity	Special Features
INSP114	8	1-1/4-in.	Wafer	0.400-in.	16 Hi-Lo	Spoon Point	NanoGard [®]	0.033-in.	#2 Phillips	5,000	With Underhead Nibs
INSP158	8	1-5/8-in.	Wafer	0.400-in.	16 Hi-Lo	Spoon Point	NanoGard [®]	0.033-in.	#2 Phillips	4,000	With Underhead Nibs
INSP214	8	2-1/4-in.	Wafer	0.400-in.	16 Hi-Lo	Spoon Point	NanoGard [®]	0.033-in.	#2 Phillips	2,500	With Underhead Nibs
BBSP114	10	1-1/4-in.	Wafer	0.354-in.	14 Hi-Lo	Spoon Point	NanoGard*	0.033-in.	#2 Square	5,000	With Underhead Nibs
BBSP158	10	1-5/8-in.	Wafer	0.354-in.	14 Hi-Lo	Spoon Point	NanoGard*	0.033-in.	#2 Square	4,000	With Underhead Nibs

Suffixes: PP = 1-lb, FP = 5-lb, CP = Count Pack

Description: Wafer head spoon point Hi-Lo thread screw used in wood or light-gauge (see TABLE A - Maximum Total Drilling Thickness) steel applications. The self-tapping Hi-Lo thread is designed for penetration into wood or light-gauge steel.

Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Sizes #8 to #10, up to 4,000 RPM. Overdriving may result in failure of the fastener. The fastener must penetrate beyond the metal a minimum of three full threads.

Corrosion: For Corrosion Resistance Testing Results, see TABLE B.

Certifications: All GRABBER® screw products are manufactured in facilities that are ISO 9001 certified. PWH fasteners comply with ASTM C1513 requirements.

S-PWH - SCORPION-Self-Piercing Wafer Head Hi-Lo Thread

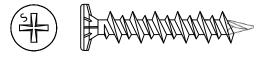


TABLE B

CORROSION RESISTANCE TESTING RESULTS						
Finish	Test	Standard/Protocol	Results (minimum)			
NanoGard®	Salt Spray	ASTM B117	1000 hours, no red rust			

NOTE: Salt Spray Testing (SST) results are not intended to predict corrosion resistance in real-world environments. The ASTM B117 standard for SST is recognized industry-wide as an effective tool to compare different metals and different metal coatings in a tightly controlled highly corrosive environment for specific periods of time. For more information about corrosion resistance, see the Grabber Guide to Corrosion Resistance for Fasteners.

Grabber's approved mills keep tight control over all production standards and processes. Grabber's mills are ISO 9001 ensuring Grabber fasteners meet or exceed the highest industry standards.

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