PRODUCT SUBMITTAL

Submitted to:

Project:

Date of Submittal:

Submitted by, Contact name:

Company:

Address:

Phone:

Email:

Approved ☐ Approved as Noted ☐ Not Approved ☐

Comments:

By: 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	TPI	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.