

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: PHC - Self-Piercing Hex Washer Head Coarse Thread

TABLE A

Item Number	Screw Size (#)	Length	Head Style	Head Diameter (in.)	TPI	Point Size/Style	Coating	Maximum Total Drilling Thickness	Drive Type	Bulk/Collated Quantity	Application
10100HRG	10	1-in	Hex Washer	0.399-in	12	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	3,500	Metal up to 0.33-in. to wood
10100HWRG	10	1-in	Hex Washer	0.399-in	12	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	3,500	Metal up to 0.33-in. to wood, with EPDM Washer
12150HWRG	12	1-1/2-in	Hex Washer	0.415-in	11	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	1,500	Metal up to 0.33-in. to wood, with EPDM Washer
12200HWRG	12	2-in	Hex Washer	0.415-in	11	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	1,500	Metal up to 0.33-in. to wood, with EPDM Washer
12250HWRG	12	2-1/2-in	Hex Washer	0.415-in	11	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	1,500	Metal up to 0.33-in. to wood, with EPDM Washer
12300HWRG	12	3-in	Hex Washer	0.415-in	11	Type 17 Point	GrabberGard®	0.033-in	5/16-in. Hex	1,000	Metal up to 0.33-in. to wood, with EPDM Washer
14100HRG	14	1-in	Hex Washer	0.500-in.	10	Type 17 Point	GrabberGard®	0.033-in	3/8-in. Hex	2,500	Metal up to 0.33-in. to wood

Prefixes: X = 1-lb , VB = 5-lb, BP = Blister Pack, C = Collated

Description: Hex washer head coarse thread screw used for attaching metal to wood (see TABLE A - Maximum Total Drilling Thickness). Self-tapping coarse thread is designed for attaching light-gauge steel to wood.

Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Sizes #10 - #14 up to 4,000 RPM. The screw is fully seated when the bottom of the head is flush with the work surface. 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.

PHC - Self-Piercing Hex Washer Head Coarse Thread

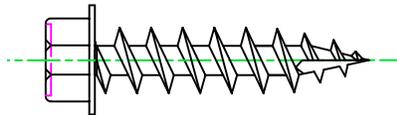
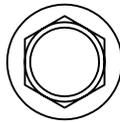


TABLE B

CORROSION RESISTANCE TESTING RESULTS			
Finish	Test	Standard/Protocol	Results (minimum)
GrabberGard®	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.

TRADEMARKS:

The following registered trademarks used herein are owned by Grabber Construction Products, Inc.:

GRABBER®
GrabberGard®

NOTICE:

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our Liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days of the date it was or reasonably should have been discovered.