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 - DWF - Self-Drilling Wafer Head Fine Thread

TABLE A

Item Number	Screw Size (#)	Length	Head Style	Head Diameter (in.)	TPI	Point Size/Style	Coating	Maximum Total Drilling Thickness (in.)	Drive Type	Approximate Bulk Quantity	Application	Special Features
858SDPC	8	5/8-in	Wafer	0.359	18	3	Clear Zinc	0.14	#2 Phillips	10,000	Attachments to metal up to 0.140-in.	Underhead Serrations
C8100SDUC	8	1-in	Wafer	0.364	18	3	Clear Zinc	0.14	#2 Phillips	1,000	Attachments to metal up to 0.140-in.	Collated
C8100SDUCP	8	1-in	Wafer	0.364	18	3	Clear Zinc	0.14	#2 Phillips	1,000	Attachments to metal up to 0.140-in.	Collated, Powder Paint Head
14RG8F2	8	1-1/4-in	Wafer	0.379	18	3	GrabberGard®	0.14	#2 Phillips	5,000	Attachments to metal up to 0.140-in.	
8125SDW	8	1-1/4-in	Wafer	0.413	18	3	GrabberGard®	0.14	#2 Phillips	5,000	Plywood to metal up to 0.140-in.	with 6 Nibs, with Wings
8125SDZWP	8	1-1/4-in	Wafer	0.384	18	3	Clear Zinc	0.14	#2 Phillips	5,000	Plywood to metal up to 0.140-in.	with 6 Nibs, with Wings
C14RG8F2	8	1-1/4-in	Wafer	0.379	18	3	GrabberGard®	0.14	#2 Phillips	1,000	Attachments to metal up to 0.140-in.	Collated
GCB8125SD	8	1-1/4-in	Flat Wafer	0.404	18	3	1500 hr GrabberGard®	0.14	#2 Phillips	5,000	Cement board to metal up to 0.140-in.	with 6 Nibs
GH8114LG	8	1-1/4-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	5,000	High-density board to metal up to 0.140-in.	with Wings
CGH8114LG	8	1-1/4-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	1,000	High-density board to metal up to 0.140-in.	with Wings, Collated
GH8138LG	8	1-3/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	5,000	High-density board to metal up to 0.140-in.	with Wings
8158SDW	8	1-5/8-in	Wafer	0.413	18	3	GrabberGard®	0.14	#2 Phillips	4,000	Plywood to metal up to 0.140-in.	with 6 Nibs, with Wings
CGH8158TG	8	1-5/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	T25	1,000	High-density board to metal up to 0.140-in.	with 8 Nibs, with Wings, Collated
GCB8158SD	8	1-5/8-in	Flat Wafer	0.404	18	3	1500 hr GrabberGard®	0.14	#2 Phillips	4,000	Cement board to metal up to 0.140-in.	with 6 Nibs
GH8158LG	8	1-5/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	4,000	High-density board to metal up to 0.140-in.	with Wings
CGH8158LG	8	1-5/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	1,000	High-density board to metal up to 0.140-in.	with Wings, ESR-4223, Collated
GCB8225SD	8	2-1/4-in	Flat Wafer	0.404	18	3	1500 hr GrabberGard®	0.14	#2 Phillips	2,000	Cement board to metal up to 0.140-in.	with 6 Nibs
GCB8238SD	8	2-3/8-in	Flat Wafer	0.404	18	3	1500 hr GrabberGard®	0.14	#2 Phillips	3,000	Cement board to metal up to 0.140-in.	with 6 Nibs
GH8238LG	8	2-3/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	3,000	High-density board to metal up to 0.140-in.	with Wings
CGH8238LG	8	2-3/8-in	Wafer	0.372	18	3	GrabberGard®	0.14	#2 LOX	1,000	High-density board to metal up to 0.140-in.	with Wings, ESR-4223, Collated
10150WSDZ	10	1-1/2-in	Wafer	0.394	16	3	Clear Zinc	0.175	#2 Phillips	4,000	Plywood to metal up to 0.175-in.	with 8 Nibs, with Wings
10175WSDZ	10	1-3/4-in	Wafer	0.394	16	3	Clear Zinc	0.175	#2 Phillips	3,500	Plywood to metal up to 0.175-in.	with 8 Nibs, with Wings
10158W4	10	1-5/8-in	Wafer	0.453	24	4	Clear Zinc	0.21	#2 Phillips	4,000	Attachments to metal up to 0.210-in.	
101716	10	1-7/16-in	Wafer	0.453	24	3	Clear Zinc	0.175	#2 Phillips	4,000	Attachments to metal up to 0.175-in.	
101716RG	10	1-7/16-in	Wafer	0.453	24	3	GrabberGard®	0.175	#2 Phillips	4,000	Attachments to metal up to 0.175-in.	
101716W3	10	1-7/16-in	Wafer	0.453	24	3	Clear Zinc	0.175	#2 Phillips	4,000	Plywood to metal up to 0.175-in.	with Wings
101716W3RG	10	1-7/16-in	Wafer	0.453	24	3	GrabberGard®	0.175	#2 Phillips	4,000	Plywood to metal up to 0.175-in.	with Wings
GCB10350SD	10	3-1/2-in	Flat Wafer	0.404	16	3	1500 hr GrabberGard®	0.175	#2 Phillips	1,000	Cement board to metal up to 0.175-in.	with 6 Nibs

Grabber screws manufactured in America are available as SPECIAL-ORDER INVENTORY. CONTACT GRABBER FOR CURRENT PRICE AND AVAILABILITY. For identification purposes, an "A" will added to the end of the item number and "Made in America" will be printed on the label.

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

Description: Self-Drilling Wafer head screw used in heavy-gauge (see TABLE A - Maximum Total Drilling Thickness) wood-to-metal applications. Self tapping drill point is designed for penetration into heavy-gauge steel. Screws with special featured wings on the drill point eliminate the need to pre-drill the wood.

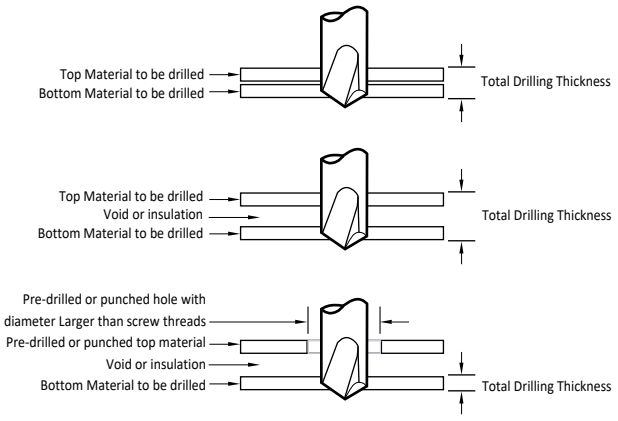
Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Size #8 - #10, Up to 2500 RPM. Overdriving may result in failure of the fastener.

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

Certifications: All GRABBER® screw products are manufactured in facilities that are ISO 9001. DWF fasteners comply with ASTM C1513 requirements. Items CGH8158LG and CGH828LG are listed in ICC - ESR-4223: CHECK REPORT.

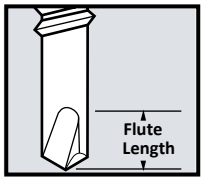
Self-Drilling Screw Selection Guide

DRILL POINT SELECTION



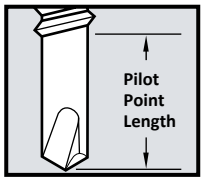
Drill Flute (Point Length)

The length of the drill flute determines the metal thickness that can be drilled. The flute itself provides a channel for chip removal during drilling action. If it becomes completely embedded in material, drill chips will be trapped in the flute and cutting action will cease. This will cause the point to burn up or break.



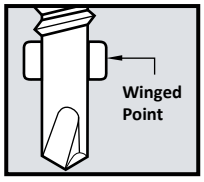
Pilot Point Length

The un-threaded section from the point to the first thread should be long enough to assure the drilling action is complete before the first thread engages the drilled metal. Screw threads advance at a rate of up to ten times faster than the drill flute can remove metal. All drilling therefore should be complete before threads begin to form.



Drilling Through Wood To Metal

If your application calls for drilling through wood over 1/2-in. thick, a clearance hole is required. Select a fastener with break away wings for this type of job. The wings will ream a clearance hole and break-off when in contact with metal surface (minimum metal thickness .040-in.) to be drilled.



DFF - Self-Drilling Wafer Head Fine Thread

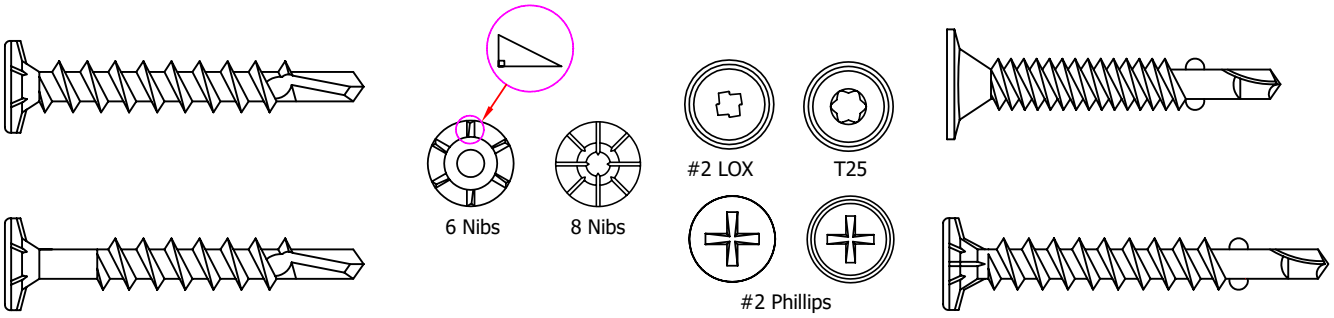


TABLE B

CORROSION RESISTANCE TESTING RESULTS			
Finish	Test	Standard/Protocol	Results (minimum)
(Z) Clear Zinc	Salt Spray	ASTM B117	12 hours, no red rust
(RG) GrabberGard®	Salt Spray	ASTM B117	1000 (or 1500) 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.