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 - DMF - Self-Drilling Modified Truss Head Fine Thread

TABLE A

Item Number	Screw Size (#)	Length (in.)	Head Style	Head Diameter (in.)	TPI	Point Size	Coating	Maximum Total Drilling Thickness (in.)	Drive Type	Bulk Quantity
234Z*	8	1/2	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	10,000
34Z	8	1/2	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	10,000
34Z75	8	3/4	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	8,000
235Z*	8	1	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	5,000
35Z	8	1	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	5,000
236Z*	8	1-1/4	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	5,000
36Z	8	1-1/4	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	5,000
237Z*	8	1-5/8	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	4,000
37Z	8	1-5/8	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	4,000
376Z	8	2	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	2,500
238Z	8	2-1/2	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	2,500
39Z	8	3	MTH	0.447	18	3	Clear Zinc	0.140	#2 Phillips	1,000
234Z10CW	10	3/4	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	5,000
234Z10CW58	10	5/8	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	4,000
236Z10CW	10	1-1/4	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	3,500
240Z	10	3-1/2	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	1,000
241Z	10	4	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	800
242Z	10	5	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	500
34Z10CW	10	3/4	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	5,000
10075PWHA	10	3/4	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	5,000
35Z10CW	10	1	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	4,000
37Z10CW	10	1-1/2	MTH	0.447	16	3	Clear Zinc	0.175	#2 Phillips	4,000
234Z12CW*	12	3/4	MTH	0.447	14	3	Clear Zinc	0.210	#2 Phillips	5,000
234RG*	8	1/2	MTH	0.447	18	3	GrabberGard®	0.140	#2 Phillips	10,000
34RG	8	1/2	MTH	0.447	18	3	GrabberGard®	0.140	#2 Phillips	10,000
35RG	8	1	MTH	0.447	18	3	GrabberGard®	0.140	#2 Phillips	5,000
36RG	8	1-1/4	MTH	0.447	18	3	GrabberGard®	0.140	#2 Phillips	5,000
37RG	8	1-5/8	MTH	0.447	18	3	GrabberGard®	0.140	#2 Phillips	4,000
234Z10CWRG*	10	3/4	MTH	0.447	16	3	GrabberGard®	0.175	#2 Phillips	5,000
240G	10	3-1/2	MTH	0.447	16	3	GrabberGard®	0.175	#2 Phillips	1,000
241G	10	4	MTH	0.447	16	3	GrabberGard®	0.175	#2 Phillips	800
242G	10	5	MTH	0.447	16	3	GrabberGard®	0.175	#2 Phillips	500
234Z12CWRG	12	3/4	MTH	0.447	14	3	GrabberGard®	0.210	#2 Phillips	5,000

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

*NOTE: Items with an asterisk are "Super Point," meaning they are manufactured during the first half of the point die life. While ALL Grabber mills change thread rolling dies and point dies more frequently than our competitors, the Super Point screws are created at an even higher level of sharpness.

Description: Self-Drilling Modified Truss Head screw used in heavy-gauge (see TABLE A - Maximum Total Drilling Thickness) metal-to-metal or lath-to-metal applications. Self tapping drill point is designed for penetration into heavy-gauge metal.

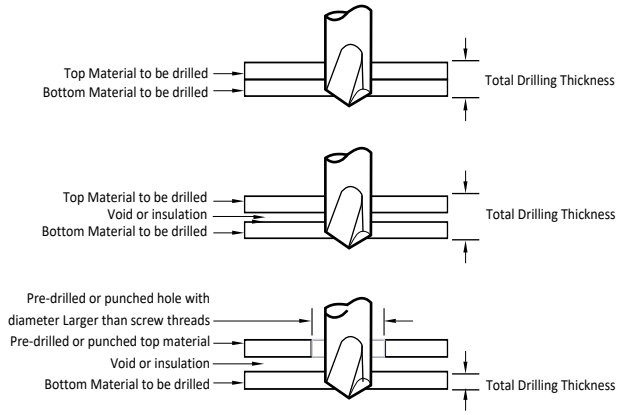
Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Size #6 - #10, up to 2,500 RPM. The head is fully seated when the bearing surface of the head is flush with the work surface. Overdriving may result in failure of the fastener.

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

Certifications: All GRABBER® screw products are manufactured in facilities that are ISO 9001 certified. DMF fasteners comply with ASTM C1513 and ASTM C954 requirements and specific fasteners are listed in ICC-ES ESR-1271: CHECK REPORT

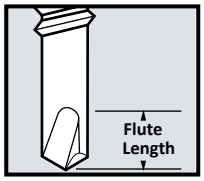
Self-Drilling Screw Selection Guide

DRILL POINT SELECTION



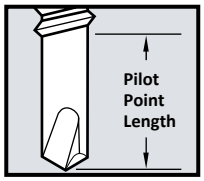
Drill Flute (Point Length)

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.



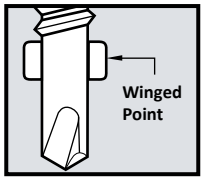
Pilot Point Length

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.

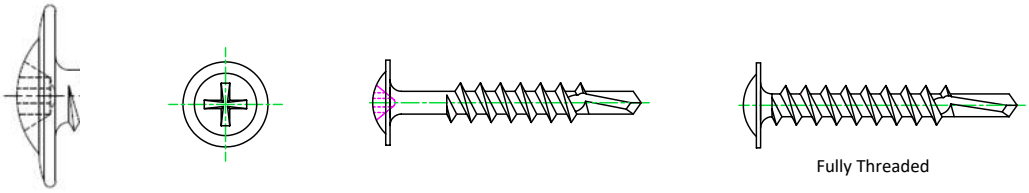


Drilling Through Wood To Metal

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.



DMF - Self-Drilling Modified Truss Head Fine Thread



Head Shape Detail

Fully Threaded

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 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.