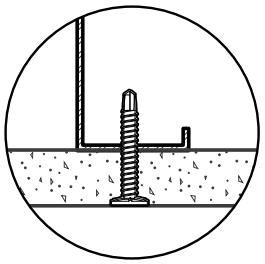
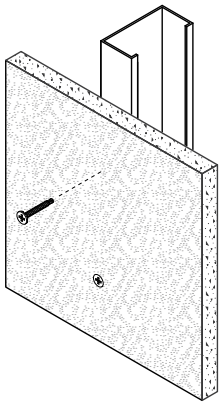
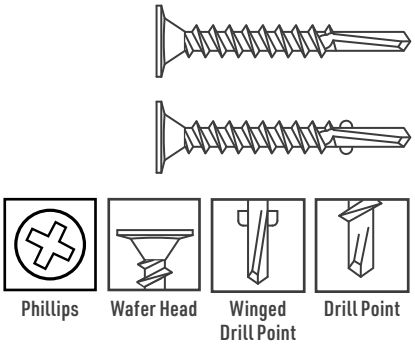
Wafer Head Winged Driller - Interior

Plywood to Heavy-Gauge Steel

GRABBER CONSTRUCTION PRODUCTS







Description

Attaches high-density sheathing to heavy-gauge cold-formed steel.

Specifications

Size | Gauge: #8 to #12
Length: 5/8 in. to 3 in.
Head Type: Wafer Head
Recess Type: #2 Phillips
Thread Type: Fine, Single Lead
Finish: Clear Zinc

Quality Assurance: Grabber® fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories.

LEED Reporting: The post-consumer recycled steel content is 25%.

Compliance: The fasteners comply with ASTM C1513 performance requirements.

Applications

- OSB plywood to steel studs or runners
- High-density board to steel studs or runners

Installation

- Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 to #10, up to 2,500 RPM, size #12, up to 1,800 RPM.
- The screw head is fully seated when it is flush with the surface of the material.
- The fastener must penetrate beyond the steel three full thread pitches.
- Overdriving may result in failure of the fastener.

Features

- Self-tapping drill point is designed for penetration into heavy-gauge steel.
- This wafer head design provides for a larger load-bearing surface and better holding power.
- Special wings clear away sheathing material as the fastener drives in.
- Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.

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Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust

Note: Salt Spray Testing (SST) results are not intended to predict corrosion in real-world environments. The ASTM B117 standard for SST is recognized industry-wide as an effective tool for comparing 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.

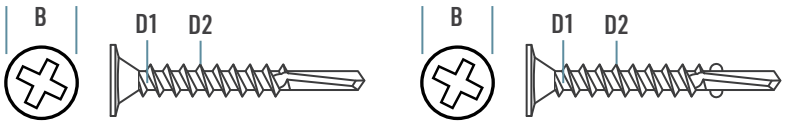
Pull-Out Test Data[1]

Screw Gauge	TPI[2]	Steel Gauge	Design Thickness	Tension	Shear
#8	18	18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
		14	0.0713 in.	215 lbs.	486 lbs.
		12	0.1017 in.	307 lbs.	827 lbs.
		10	0.1242 in.	375 lbs.	1,114 lbs.
#10	16	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
		14	0.0713 in.	249 lbs.	523 lbs.
		12	0.1017 in.	356 lbs.	891 lbs.
		10	0.1242 in.	434 lbs.	1,199 lbs.
#12	16	18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
		14	0.0713 in.	284 lbs.	557 lbs.
		12	0.1017 in.	405 lbs.	950 lbs.
		10	0.1242 in.	493 lbs.	1,278 lbs.

[1]Test data values reported are allowable as determined by calculations and industry established test criteria, such as ICC-ES Acceptance Criteria and ASTM test standards. Please contact Grabber for detailed information about testing performed for specific products or if ultimate values are needed.

Sheet Steel Gauges

Gauge No.	Design Thickness	Millimeter Equivalent
25	0.0188 in.	0.4775 mm
20	0.0346 in.	0.8788 mm
18	0.0451 in.	1.1455 mm
16	0.0566 in.	1.4376 mm
14	0.0713 in.	1.8110 mm
12	0.1017 in.	2.5832 mm
10	0.1242 in.	3.1547 mm



Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI[2]
#8	0.344 in.	#2 Phillips	0.113 in.	0.164 in.	18
	0.354 in.	#2 Phillips	0.113 in.	0.164 in.	18
	0.359 in.	#2 Phillips	0.119 in.	0.164 in.	18
	0.364 in.	#2 Phillips	0.116 in.	0.164 in.	18
#10	0.394 in.	#2 Phillips	0.132 in.	0.190 in.	16
	0.453 in.	#2 Phillips	0.132 in.	0.190 in.	24
#12	0.453 in.	#2 Phillips	0.161 in.	0.216 in.	16

[2]TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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GRABBER CONSTRUCTION PRODUCTS

Ordering Information and Product Options

Item No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
858SDPC	8 x 5/8 in.	#2 Phillips	0.359 in.	18	10,000	36 lb.	
8125SDZWP	8 x 1 1/4 in.	#2 Phillips	0.413 in.	18	5,000	27 lb.	Winged drill point, Underhead nibs
08125WSDZ	8 x 1 1/4 in.	#2 Phillips	0.413 in.	18	5,000	32 lb.	Winged drill point
08175WSDZ	8 x 1 3/4 in.	#2 Phillips	0.413 in.	18	4,000	35 lb.	
8158SDZWP	8 x 1 5/8 in.	#2 Phillips	0.413 in.	18	4,000	37 lb.	
8175SDZWP	8 x 1 3/4 in.	#2 Phillips	0.413 in.	18	4,000	35 lb.	
101716	10 x 1 7/16 in.	#2 Phillips	0.453 in.	24	4,000	38 lb.	
10150WSDZ	10 x 1 1/2 in.	#2 Phillips	0.394 in.	16	4,000	35 lb.	Underhead nibs
101716W3	10 x 1 7/16 in.	#2 Phillips	0.453 in.	24	4,000	38 lb.	Winged drill point
10175WSDZ	10 x 1 3/4 in.	#2 Phillips	0.394 in.	16	3,500	35 lb.	Winged drill point, Underhead nibs
10200WSDZ	10 x 2 in.	#2 Phillips	0.394 in.	16	2,500	32 lb.	Winged drill point
12200WSDZ	12 x 2 in.	#3 Phillips	0.433 in.	16	2,000	33 lb.	
12300WSDZ	12 x 3 in.	#3 Phillips	0.433 in.	16	1,500	37 lb.	
10158W4	10 x 1 5/8 in.	#2 Phillips	0.453 in.	24	4,000	40 lb.	
C8100SDUC	8 x 1 in.	#2 Phillips	0.364 in.	18	1,000	5 lb.	Collated
C8100SDUCP	8 x 1 in.	#2 Phillips	0.364 in.	18	1,000	5 lb.	Collated, Power painted head

Note: Product availability is subject to change without prior notice and the availability of products may differ from what is printed in literature and displayed on our website. The items listed are bulk size. Most are also available in smaller package sizes such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

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PS1054 USA-ENG/Rev. 02-25

GRABBER CONSTRUCTION PRODUCTS, INC.
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SAFETY FIRST: Wear appropriate personal protective equipment. Read applicable SDS and literature before handling and installation.

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ISO 9001 CERTIFIED

ISO 14001 SGS

ASTM INTERNATIONAL Standards Worldwide