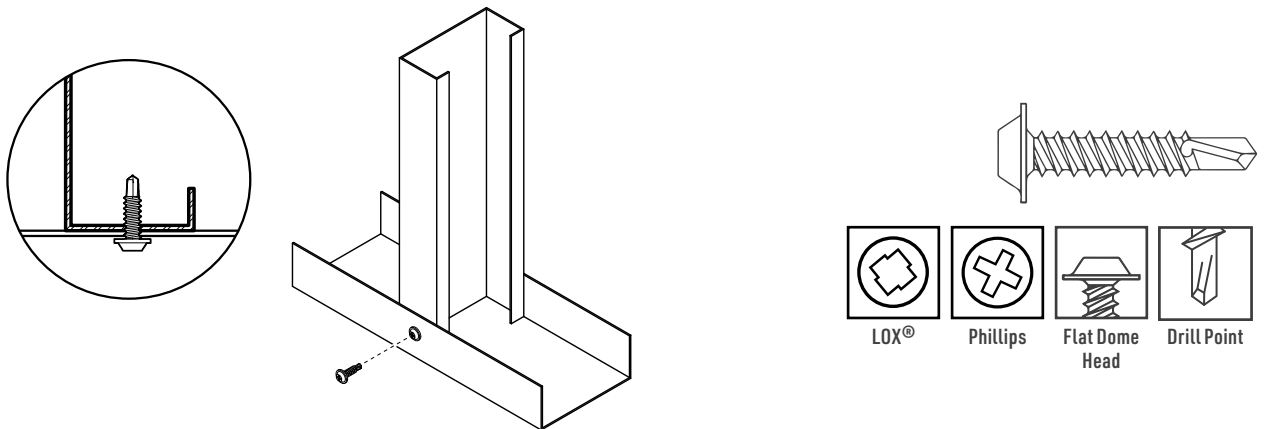


Dome Head Driller - Interior

Heavy-Gauge Steel-to-Steel



Description Framing steel. K-lath installation in steel substrate.

Specifications

Size | Gauge: #8
Length: 1/2 in. to 2 in.
Head Type: Dome Head
Recess Type: #2 LOX®, #2 Phillips
Thread Type: Fine, Single Lead
Finish: Clear Zinc, GrabberGard® Gray, Phosphate, Yellow 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 C954 and C1513 performance requirements. Specific fasteners are listed in ICC ESR-1271; please check the report for listed item numbers.

Applications

- Heavy-gauge steel framing studs
- K-lath installation to heavy-gauge steel
- Heavy-gauge steel studs to door frame jamb anchor clips
- Heavy-gauge steel studs to track
- Other heavy steel-to-steel attachments

Installation

- Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #8, up to 2,500 RPM.
- Because of significantly higher torque output, care and caution should be exercised when using an impact driver; otherwise, screw failure or spin-out may occur.
- The head is fully seated when the bearing surface of the head is flush with the work surface.
- The fastener must penetrate beyond the steel three full thread pitches.
- Overdriving may result in failure of the fastener.

Features

- LOX® recess is designed for high-torque applications and will not strip out like most other recesses.
- Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.
- Self-tapping drill point is designed for penetration into heavy-gauge steel.
- Dome head design provides for a larger load-bearing surface for better holding power, and a lower profile.
- Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.

Dome Head Driller - Interior

Heavy-Gauge Steel-to-Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 hrs., no red rust
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
GrabberGard®	Salt Spray	ASTM B117	1,000 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.

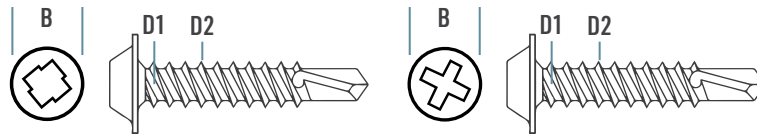
Pull-Out Test Data¹

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.

¹Test 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	0.417 in.	#2 Phillips	0.116 in.	0.164 in.	18
	0.492 in.	#2 LOX®	0.116 in.	0.164 in.	18

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

Dome Head Driller - Interior

Heavy-Gauge Steel-to-Steel



Ordering Information and Product Options

Item No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
234FZ	8 x 1/2 in.	#2 Phillips	0.417 in.	18	10,000	39 lb.	ICC ESR-1271
834FZ3	8 x 3/4 in.	#2 Phillips	0.417 in.	18	7,500	37 lb.	
2050JBWZ	8 x 1/2 in.	#2 LOX®	0.492 in.	18	6,000	34 lb.	
2125JBWZ	8 x 1 1/4 in.	#2 LOX®	0.492 in.	18	5,000	40 lb.	
2158JBWZ	8 x 1 5/8 in.	#2 LOX®	0.492 in.	18	4,000	38 lb.	
2200JBWZ	8 x 2 in.	#2 LOX®	0.492 in.	18	2,500	27 lb.	
Yellow Zinc							
LW2158LYZ	8 x 1 5/8 in.	#2 LOX®	0.492 in.	18	4,000	43 lb.	
LW2200LYZ	8 x 2 in.	#2 LOX®	0.492 in.	18	2,500	27 lb.	
Phosphate							
234F	8 x 1/2 in.	#2 Phillips	0.417 in.	18	10,000	39 lb.	
GrabberGard® Gray							
CW8125L2RG	8 x 1 1/4 in.	#2 LOX®	0.492 in.	18	1,000	5 lb.	Wide tape collated

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.

Dome Head Driller - Interior
PS1005 USA-ENG/Rev. 05-25

GRABBER CONSTRUCTION PRODUCTS, INC.
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HIGHLAND, UT 84003

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SAFETY FIRST: Wear appropriate personal protective equipment. Read applicable SDS and literature before handling and installation.

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