

Fastener Solutions GRABBER CONSTRUCTION PRODUCTS



### It's tough going out there for contractors.

You've got limited labor, demanding clients and construction schedules that only feel reasonable if you happen to have a time machine. The urge to shave costs is strong, even if it comes at the expense of quality.

But the truth is, a corner cut today is a callback tomorrow. The real path to profitability is productivity.

At Grabber Construction Products, we're your partners in productivity. We've got the best-performing fasteners on the market. Game-changing drywall fabrication systems. State-of-the-art collated solutions. If it makes your jobsite work harder and smarter, we have it.

As fastener experts for nearly 60 years, we know a little something about holding things together. That goes for drywall, wood and steel, sure, but it also goes for relationships. Because the most important connections in this industry are between people. If you need technical support, product recommendations or good old-fashioned advice, we're here to help.

At the end of the workday, you hang your hat on what you've built. It's your signature. Your reputation. Your legacy. We exist to help you build something that stands the test of time. To help make you a hero. We do that with high-quality products and world-class customer service. Because ten times out of ten, a job done right is the key to long-term success.

Construction isn't easy. Never was, never will be. But you're not in it alone. We're here to support you any way we can, no matter the job.

# Grabber Construction Products, your partners in productivity.



# The real path to profitability is productivity.



## At Grabber Construction Products, we're your partners in productivity.



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**For nearly 60 years**, Grabber has been dedicated to helping professionals be more productive and more profitable. We do it by being there every step of the way and providing solutions that drive your productivity and your bottom line.



### Quality = Productivity

Grabber premium-quality screws are built for performance and productivity. Sharper threads mean a better driving experience. Tight recesses mean screws are less likely to cam-out and bit tips will last longer. Consistent heat treating means screw heads will be less likely to pop off if they are too hard, or twist if they are too soft.



**PRODUCTION PROCESS** 

- Grabber screws are made using the highest cold-headed wire available.
- Grabber changes the heading dies frequently to deliver more consistently shaped heads.
- Grabber changes the heading punch frequently to ensure a tight recess.
- Grabber changes the thread rolling die frequently ensuring sharper threads and points.
- Grabber ensures consistent heat treatment, a critical step in achieving uniform hardness.
- Continuous quality control testing and inspection occur throughout the manufacturing process.



**Overview Applications** 

Grabber's extensive line of professional-grade fasteners, installation accessories, and solutions, for both residential and commercial construction, covers nearly every drywall, framing, and acoustical fastener and installation product need.



- Cabinet Screws
- Cement Board Screws
- B Deck Screws
- **4** Drywall Screws
- **G** Exterior Grade Screws
- **6** General Purpose Screws
- Hanger Wire Eye Lags
- B Heavy-Gauge Steel Screws
- **9** Interior Grade Screws
- D Light-Gauge Steel Screws
- **1** Pneumatic Framing Nails
- **Pneumatic Joist Framing Nails**
- Pneumatic Siding Nails
- **(2)** SIP Screws
- D Stainless Steel Screws
- **1** Structural Screws
- **W** Suspended Ceiling Hanger Wire
- <sup>1</sup> Wood Screws

Screw Functions | Overview

### **Overview** Screw Functions



### **Interior Wood**



**Overview Screw Functions** 





Screw Functions | Overview

**Overview Screw Functions** 



### Light-Gauge Steel

Drywall to Light-Gauge Steel





Scavenger® Head, Fine Thread



Scavenger® Head, Hi-Lo Thread



Thread



Bugle Head, Hi-Lo Thread









Modified Truss Head



Light-Gauge Steel Framing





**Revised** Flat Pan Head







Flat Head

Trim Head

Cement Board to Light-Gauge Steel





Acoustical Wire to Light-Gauge Steel



### **Heavy-Gauge Steel**

**Heavy-Gauge Steel Framing** 







**Revised Flat** Pan Head



Dome Head



Flat Pan Head



Pan Framing Head







Modified Truss Head



Hex Head



High Hex Head



Rounded Dome Head



Modified Pan Head



Sheathing to Heavy-Gauge Steel

Drywall to Heavy-Gauge Steel

Bugle Head

Scavenger® Head

Flat Wafer





Wafer Head, Winged Drill Point



Wafer Head



Trim Head





Cement Board to Heavy-Gauge Steel



Wafer Head

Head

Lath to Heavy-Gauge Steel





Modified Truss Head

Acoustical Wire to **Heavy-Gauge Steel** 







### **Screw Attributes and Definitions**

### **Head Types**



#### Bugle Head

Designed specifically for drywall applications, the head has a flat surface top with a smooth, concave progression from the head's upper perimeter to the shank in a shape similar to the bell of a bugle.



#### Scavenger<sup>®</sup> Head

A bugle head style design with an additional feature that eliminates drywall paper burrs (or "flagging") caused by the traditional bugle head design during installation.



### Scavenger<sup>®</sup> II Head

A flat head style design with an additional spiral-like feature on the underside of the head that allows for better penetration into wood.



#### Pan Head

A screw head with a rounded top and rounded or flat sides designed with a bearing surface<sup>1</sup> on the bottom of the head.



#### **Pan Framing Head**

A screw head with a flat surface top rounding into cylindrical sides and a flat bearing surface.<sup>1</sup>



#### **Revised Flat Pan Head**

A screw head designed with an expanded bearing surface<sup>1</sup> beneath the screw's domed head, which sits flush when used with roll-formed, dimpled steel studs.



#### Modified Truss Head (or Lath Head)

A screw head designed with an expanded bearing surface<sup>1</sup> beneath the screw's domed head that is generally used in fastening lath to a substrate.



### Head Types Cont.



### Wafer Head

A screw head designed with a flat top and a bearing surface<sup>1</sup> that's still able to countersink into the material being attached to a substrate.



#### Hex Head

A six-sided (hexagonal-shaped) head with a bearing surface<sup>1</sup> and sometimes a washer-style bottom (Hex Washer Head) to increase the size of the bearing surface that bears against the material being attached to a substrate.



### Flat Head

A screw head with a flat top designed to be installed flush with or countersunk into the material being attached to a substrate.



### Trim Head

A flat head style as defined above with a smaller head diameter designed to minimize the visibility of the head in the material being attached to a substrate.

### **Recess Types**



#### **Phillips Drive**

A screw recess or bit tip shape that looks like a plus + sign.



#### **Square Drive**

A screw recess or bit tip shape that is in the shape of a square and results in a cube-shaped recess.



### LOX<sup>®</sup> Drive

A Grabber proprietary screw recess or bit tip shape that has eight points of contact designed for additional bit engagement and results in eight points of forward contact in the screw recess to increase torque and reduce cam-outs.

'A fastener bearing surface is the part of the fastener that contacts the material being fastened. It provides support and helps distribute the load applied to the fastener. This surface is typically located under the head of the fastener and plays a crucial role in ensuring proper fastening by allowing even distribution of clamping force and also helps to prevent damage to the materials involved. Different fastener types have varying bearing surfaces designed to suit specific applications.



### **Recess Types Cont.**



#### Star Drive

A screw recess or bit tip shape that looks like a six-point star. Also known as a "Torx" drive.

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### Serrations

Tooth-like projections under the head that slow down the final set of the screw to help eliminate stripping, aid in locking the screw into the material, and provide protection against vibration.

### **Thread Types**



#### **Fine Thread Screw**

Typically designed for metal applications, fine thread screws have more threads per inch–a lesser pitch–than coarse thread screws.

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#### **Coarse Thread Screw**

Typically designed for wood applications, coarse thread screws have fewer threads per inch–a greater pitch–than fine thread screws.



### **High-Low Thread**

A thread design with two alternating threads—one with a larger major diameter and one with a smaller major diameter.



#### Nibs

A specified number of equally spaced protrusions under the head to aid in cutting the top material to allow for a flush or countersunk head.

### **Point Types**



#### Streaker<sup>®</sup> Point

A screw tip design that has a twin thread single lead for faster penetration. For example, a 16 TPI (threads per inch) Streaker<sup>®</sup> screw only requires eight revolutions to penetrate a full inch into the material, rather than the typical 16 revolutions.



### Point Types Cont.



### Twin Thread Single Lead

A thread design wherein two parallel threads start at or near the tip end of the shank and continue for the entire distance of the threads.



### Vector Point<sup>™</sup>

A Grabber<sup>®</sup> proprietary screw tip that is designed for faster starts into metal.



### Type 17 Point

A slotted tip design for wood applications wherein the tip of the screw efficiently clears out material for the screw to penetrate without predrilling.



### QuickGrab<sup>™</sup> Point

An enhanced screw tip that is designed for faster starts into wood.

### **Super Point**

A screw tip that was manufactured during the first 50% life of the point dies designed for faster penetration.



### Winged Point

For plywood to metal applications, two wing-type protrusions are added to a Self-Drilling Tek Point tip to bore a hole in the plywood and then break away as it enters the metal substrate. The wings prevent wood bits from clogging the threads and help to eliminate racking, jacking, or lifting the wood while driving the screw.



### Self-Drilling (Tek Point and Pilot Point)

An externally threaded screw with a non-threaded tip (drill point) designed to allow the screw to penetrate steel without predrilling.



### Self-Piercing (Sharp)

Designed for wood and/or light-gauge metal wherein the screw is able to penetrate the material without predrilling.



#### Self-Tapping

The characteristic of an externally threaded screw penetrating into a material that results in the creation of internal threads in that material, usually steel.



### **Screw Measurements**



### Nominal Screw Size | Gauge

An industry practice of designating a specific number determined by the major diameter of a screw.



### **Screw Length**

Typically measured from the bottom surface of the head to the tip of the screw for screws with a bearing surface on the bottom of the head. Typically measured from the top of the head to the tip of the screw for screws with a flat head.



#### **Overall Length**

Overall length is equal to the screw length plus the head height—no matter the screw length.



### **Thread Length**

The length of a screw along the threads from the tip of the screw to the unthreaded portion of the shank, or for fully threaded screws, from the tip of the screw to the bottom of the head.



### **Grip Length**

The portion of the screw length that extends from the head to the first complete (full form) thread beyond the point taper.



### Point (Flute) Length

The length of the flute (groove) as measured along the center axis of the screw shank, from the tip of the point to the top end of the groove (the groove allows the metal shavings to extract from the hole being drilled by the self-drilling point). The total thickness of the metal to be drilled by the self-drilling point should not exceed the point length of the screw as defined here.

### **Overview**

**Screw Attributes and Definitions** 



### Screw Measurements Cont.



### **Pilot Length**

The length of the pilot point is measured along the center axis of the screw from the tip of the point to the threads of the screw or, if wings are present, to the top of the wings (closest to the head).



### **Shank Diameter**

The diameter of the unthreaded portion of the shank of a screw.



**Major Diameter** The diameter of an external thread at its maximum (crest to crest).



### Minor Diameter

The diameter of an external thread at its minimum (root to root between the threads).

### TPI

Threads per inch-the number of full threads, from crest to crest, per inch along the shank of the screw. Also, the inverse of Pitch.



### Pitch

The distance between any two crests of an external thread as it runs along the shank of the screw. Also, the inverse of TPI.

### **Performance Values**

### **Fastener Shear Strength**

When applied at a 90° angle, the measure of force required to break a screw.



### **Connection Shear Strength**

When a screw is connecting two pieces of material, the force required to pull one piece in one direction and the other piece in the opposite direction until the connection fails (the screw breaks or pulls out of (or through) either piece of material).

### **Overview**

**Screw Attributes and Definitions** 



### Performance Values Cont.



### Fastener Tensile (Tension) Strength

The amount of force required to break (pull apart) a screw when pulling one end in one direction and the other end in the opposite direction, or when securing one end and pulling on the other end.



### **Connection Tensile (Tension) Strength**

When a screw is connecting two pieces of material, the force required to pull the two pieces apart by applying the force from between the two pieces outward in opposite directions until the screw head pulls through one piece or the screw threads pull out of the other piece (typically, the latter occurs first).



#### **Torsional Strength**

The measure of the ability of a screw to withstand a twisting load to the point of breaking (typically measured in kg-cm or lb.-in.).

#### **Ultimate Values**

In a test environment, the maximum value achieved for any given testing result.

#### **Allowable Values**

In a test environment, the maximum value divided by a specified safety factor; for example, for a safety factor of  $\Omega$ =3, the maximum value would be divided by three.

#### **Ultimate Load**

The maximum load required to produce the complete failure of the screw.

#### Allowable Load

The maximum load required to produce the complete failure of the screw divided by a specified safety factor.



### **Performance Values Cont.**

### **Pull-Out Resistance**

The amount of force required to withdraw a screw from a specified thickness of wood or metal.

### Pull-Over (Pull-Through)

The amount of force required to pull the base material over the head of the fastener, or the amount of force required to pull the head of the fastener through the base material.

### **Collated Color Strip Reference**

White / Clear	#2 Phillips	[IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Yellow	#2 Square or #1 LOX®	
Green	#2 LOX®	00000
Blue	#3 LOX®	00000

**Overview** Nail Attributes and Definitions



### **Nail Attributes and Definitions**

### **Nail Definitions**



### Gauge

References how thick a nail is, with a lower number indicating greater thickness.

### Length

The measurement of the nail between the bottom of the head and the point.

### Rigidity

The bending and shear resistance of a nail.

### **Nail Types**

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#### Box

Bright, coated, plain-shank nail or regular stock steel with a flat round head and medium diamond point. The shank diameter is smaller than common nails of the same pennyweight.

#### Brads

A common term used for nails less than 1 1/4 in. length with a head slightly larger than the shank. These nails can be easily concealed by countersinking below the work surface.

#### Casing

A wire nail with a head that is only slightly larger than a finish nail, often used for flooring.



#### Common

Bright plain-shank nail of regular stock steel with a flat round head and a medium diamond point. The shank diameter is larger than a box nail of the same penny size.



### Nail Attributes and Definitions Cont.



### **Overview** Nail Attributes and Definitions



### **Nail Head Types**



### **Nail Shank Types**

#### Smooth

Smooth shank nails are the most common nail and are often used for framing and general construction applications. There are no deformations on the shank, making nails with a smooth shank the easiest to drive. Smooth shank nails offer the least pullout resistance when compared with spiral and ring shanks.

### Spiral

Spiral shank nails contain a spiral thread on the shank which causes the nail to spin during installation, creating a threadlike interlock with the wood, which increases withdrawal capacity. Spiral shank nails are designed to drive easier into harder woods and dense materials while still providing increased withdrawal resistance. Sometimes referred to as a drive screw nail.

### Ring

A ring nail features annular threads or rings formed on the shank to increase withdrawal capacity. The rings create an interlock between the shank of the nail and the wood, providing superior holding power. Generally considered the nail type with the best withdrawal resistance.



#### A fluted shank nail is a type of nail that features linear grooves or flutes along the shank. The flutes help the nail penetrate materials like concrete or masonry more easily, reducing the risk of cracking or breaking the material.



### **Nail Rigidity**

### **Regular Steel Stock**

Low to medium carbon content steel. The standard type of wire used in fastener manufacturing.

### Stiff Stock

Medium carbon content steel. A harder and stiffer wire than regular stock to prevent bending when driven into hardwoods.

### Tempered Hardened Steel

High carbon content steel. A harder and stiffer wire than stiff stock and the nail is heat treated to provide superior resistance to bending.

### **Nail Sizes**

A common method used to represent nail sizes is the penny size, which is a length designation. The size is written with a number and the abbreviation "d" for "denarius," which is Latin for "penny." Referring to penny size and type designations such as "box" or "common" is a typical method for calling out nails. However, it is more accurate and reduces potential confusion if the nail is called out by diameter and length.

	Dimensions													
Nail Type	Pennyweight	6	d	7d		8	8d		10d		12d		16d	
	Feature	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
	Length	2	51	2 1/4	57	2 1/2	63	3	76	3 1/4	82	3 1/2	89	
Common	Shank Diameter	0.113	2.8	0.113	2.8	0.131	3.3	0.148	3.7	0.148	3.7	0.162	4.1	
	Head Diameter	0.266	6.6	0.266	6.7	0.281	7.1	0.312	7.9	0.312	7.9	0.344	8.7	
	Length	2	51	2 1/4	57	2 1/2	63	3	76	3 1/4	82	3 1/2	89	
Box	Shank Diameter	0.099	2.5	0.99	25.1	0.113	2.8	0.128	3.2	0.128	3.2	0.135	3.4	
	Head Diameter	0.266	6.7	0.266	6.7	0.297	7.5	0.312	7.9	0.312	7.9	0.344	8.7	
	Length	17/8	47	2 1/8	53	2 3/8	60	2 7/8	73	3 1/8	79	3 1/4	82	
Sinker	Shank Diameter	0.092	2.3	0.099	2.5	0.113	2.8	0.120	3.0	0.135	3.4	0.148	3.7	
	Head Diameter	0.234	5.9	0.250	6.3	0.266	6.7	0.281	7.1	0.312	7.9	0.344	8.7	
Matal	Length	—	—	—	—	1 1/2	38	1 1/2	38	2 1/2	63	2 1/2	63	
Metat Hardware Nails	Shank Diameter		—			0.131	3.3	0.148	3.7	0.148	3.7	0.162	4.1	
	Head Diameter	—	_	—	_	0.285	7.2	0.285	7.2	0.285	7.2	0.285	7.2	



### **Nail Head Types**

Nail Type	Pennyweight	20d		30d		40d		50d		60d	
	Feature	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
	Length	4	101	4 1/2	114	5	127	5 1/2	139.7	6	152.4
Common	Shank Diameter	0.192	4.8	0.207	5.2	0.225	5.7	0.244	6.1	0.263	6.6
	Head Diameter	0.406	10.3	0.438	11.1	0.469	11.9	0.5	12.7	0.531	13.4
	Length	4	101	4 1/2	114	5	127	—	—	—	_
Box	Shank Diameter	0.148	3.7	0.148	3.7	0.162	4.1	—	—	—	_
	Head Diameter	0.375	9.5	0.375	9.5	0.406	10.3	—	—		_
	Length	3 3/4	95	4 1/4	107	4 3/4	120.6	—	—	5 3/4	
Sinker	Shank Diameter	0.177	4.4	0.192	4.8	0.207	5.2	—	—	0.244	_
	Head Diameter	0.375	9.5	0.406	10.3	0.438	11.1	—	—	0.5	_
Matal	Length	—	—	—	—	—	—	2 1/2	63	—	—
Metal Hardware Nails	Shank Diameter		—	—	—			0.25	6.3		_
	Head Diameter	—	—	—	—	—	—	0.5	12.7	—	—

Notes: Dimensions for box, common, and sinker nails per American Wood Council, National Design Specification (NDS) for Wood Construction. Dimensions and tolerances per ASTM F1667. Box, common, and sinker nails may have the same length designation, but they have different diameters.

### **Steel Wire Gauge/Diameter**

Gauge No.	in.	mm
3	0.259	6.57
4	0.238	6.05
6	0.203	5.16
8	0.162	4.12
9	0.148	3.76
10	0.131	3.33
11	0.120	3.05
12	0.113	2.85
13	0.092	2.34
14	0.083	2.11
15	0.072	1.83
16	0.065	1.65
18	0.049	1.25
23	0.026	0.66

Table based on Birmingham Wire Gauge (BWG).



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Packaging | Overview

### **Overview** Packaging





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# Acoustical Eye Lag Acoustical Wire to Wood



		Image: Sharp Point	
Description	Used to secure hanger wire to wooden ceil	ing joists.	
Specifications	Size   Gauge: 1/4 in. Length: 3 in. to 5 in. Head Type: Eye Lag Recess Type: n/a Thread Type: Single Lead, Coarse Finish: Phosphate, Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.	
Applications	<ul> <li>Attaches hanger wire to wooden ceiling</li> </ul>	joists	
Installation	<ul> <li>Use a standard screw gun with Grabber's Eye Lag installation tool (ELAT). Suggested screw gun specification for optimal performance: up to 4,000 RPM.</li> </ul>	<ul> <li>The fastener should penetrate the wood at least 1 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>	
Features	<ul> <li>Grabber Eye Lag screws are more evenly heat-treated and tempered, resulting in more consistent and reliable performance.</li> </ul>	<ul> <li>Grabber's extra-sharp point is designed to drive the screw straight in, reducing the likelihood of tilting.</li> <li>All Grabber Eye Lag screws for wood have 1 1/2 in. thread length for better holding power in wooden ceiling joists.</li> </ul>	

### Acoustical Eye Lag Acoustical Wire to Wood

GRAB	BER
<b>CONSTRUCTION</b>	PRODUCTS

Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

t 3	Size	B Eye Dia.	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
	1/4 in.	0.217 in.	0.180 in.	0.250 in.	11

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Dia.	<b>TPI</b> <sup>1</sup>	Quantity	Weight	Special Features
Phosphate							
3EL	1/4 x 3 in.	Eye Lag Driver	N/A	11	1,000	36 lb.	
4EL	1/4 x 4 in.	Eye Lag Driver	N/A	11	1,000	38 lb.	1 1/2 in. Thread length
5EL	1/4 x 5 in.	Eye Lag Driver	N/A	11	1,000	40 lb.	
Clear Zinc							
3ELZ	1/4 x 3 in.	Eye Lag Driver	N/A	11	1,000	36 lb.	
4ELZ	1/4 x 4 in.	Eye Lag Driver	N/A	11	1,000	38 lb.	1 1/2 in. Thread length
5ELZ	1/4 x 5 in.	Eye Lag Driver	N/A	11	1,000	40 lb.	
Yellow Zinc							
4ELYZ	1/4 x 4 in.	Eye Lag Driver	N/A	11	1,000	38 lb.	11/2 in Thread length
5ELYZ	1/4 x 5 in.	Eye Lag Driver	N/A	11	1,000	40 lb.	1 1/2 111. 1111 eau tenytli

<sup>1</sup>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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Acoustical Eye Lag PS1001 USA-ENG/Rev. 02-25

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### Cabinet Screw Interior Wood



		AlthoughImage: stateImage: statePan HeadPan HeadPhillipsSquareType 17 Point
Description	Used for cabinet assembly and installation.	
Specifications	Size   Gauge: #6 Length: 1 1/4 in. and 1 1/2 in. Head Type: Pan Head Recess Type: #2 Phillips or #2 Square Thread Type: Single Lead, Coarse Finish: Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> n/a
Applications	<ul><li>Cabinet assembly and installation</li><li>Face frame assembly</li></ul>	
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #6, up to 2,500 RPM.</li> <li>The pan head is fully seated when the bottom of the head is flush with the work surface.</li> </ul>	<ul> <li>The fastener should penetrate the wood at least 5/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener or failure of the wood board.</li> </ul>
Features	<ul> <li>The flat-bearing surface provides reliable holding power.</li> <li>A coarse thread screw for general interior applications into wood.</li> </ul>	<ul> <li>Type 17 point is designed to smoothly penetrate wood without cracking the surface.</li> <li>Conveniently available with Phillips or square recess.</li> </ul>
### Cabinet Screw Interior Wood



Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Dia.	TPI <sup>1</sup>	Quantity	Weight	Special Features
Phosphate							
90	6 x 1 1/2 in.	#2 Phillips	0.288 in.	20	5,000	27 lb.	
90-4	6 x 1 1/4 in.	#2 Phillips	0.288 in.	20	10,000	45 lb.	
902Q	6 x 1 1/2 in.	#2 Square	0.288 in.	20	5,000	26 lb.	Type 17 point
902Q4	6 x 1 1/4 in.	#2 Square	0.288 in.	20	10,000	43 lb.	
902QCT	6 x 1 1/2 in.	#2 Square	0.293 in.	12	5,000	27 lb.	
90-4HLQ	6 x 1 1/4 in.	#2 Square	0.288 in.	20	10,000	45 lb.	Type 17 point, Hi-Low thread

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Cabinet Screw PS1026 USA-ENG/Rev. 02-25

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Bugle	Head Laminator
0	Decad to Construct Decad

Gypsum Board to Gypsum Board









Description	Used for the temporary attachment of gypsum board to gypsum board. Attaches
	adhesively laminated gypsum board to gypsum board.

Specifications	Size   Gauge: #10 Length: 1 1/2 in. and 2 in. Head Type: Bugle Recess Type: #2 Phillips Thread Type: Single Lead, Coarse Finish: Phosphate, Clear Zinc, Yellow Zinc	Quality Assurance: Grabber <sup>®</sup> 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 C1002 performance requirements.

Applications	<ul> <li>Multilayered adhesively laminated gypsum board-to-gypsum board partitions</li> <li>Coreboard-to multilayered elevator shaft liners</li> <li>Not recommended for double-layered 3/8 in. panels</li> </ul>					
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece.</li> <li>Suggested screw gun specification for optimal performance: size #10, up to 4,000 RPM.</li> </ul>	<ul> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with ASTM C1002.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>				
Features	<ul> <li>A coarse thread screw for temporarily fastening one layer of drywall to another.</li> <li>Extra-sharp, single lead 23° Grabber<sup>®</sup> point, designed to penetrate quickly and easily.</li> </ul>	<ul> <li>Grabber's Pro-Fit #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> </ul>				

# **Bugle Head Laminator**

Gypsum Board to Gypsum Board



D2 Major Dia.

**TPI**<sup>1</sup>

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.

D1 Minor Dia



B Head Dia.

Product Dimensions

Size

#10	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

Recess

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Dia.	TPI <sup>1</sup>	Quantity	Weight	Special Features
Phosphate							
12	10 x 1 1/2 in.	#2 Phillips	0.343 in.	8	5,000	39 lb.	
12-2	10 x 2 in.	#2 Phillips	0.343 in.	8	1,000	22 lb.	
C12	10 x 1 1/2 in.	#2 Phillips	0.343 in.	8	1,000	52 lb.	Collated
C12-2	10 x 2 in.	#2 Phillips	0.343 in.	8	2,500	28 lb.	Collated
Clear Zinc							
12Z	10 x 1 1/2 in.	#2 Phillips	0.343 in.	8	5,000	39 lb.	
Yellow Zinc							
12YZ	10 x 1 1/2 in.	#2 Phillips	0.343 in.	8	5,000	39 lb.	
12-2YZ	10 x 2 in.	#2 Phillips	0.343 in.	8	1,000	22 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Bugle Head Laminator PS1016 USA-ENG/Rev. 02-25

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<b>Bugle Hea</b> Gypsum Boar	ad Drywall Screw <sup>I</sup> d to Wood	<b>GRABBER</b> CONSTRUCTION PRODUCTS
		Image: Bugle HeadImage: DescriptionBugle HeadPhillips $23^\circ$ Grabber° Point
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: #6 to #10 Length: 1 in. to 4 in. Head Type: Bugle Recess Type: #2 Phillips Thread Type: Single Lead, Coarse Finish: Phosphate, Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs and joists</li> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood studs and joists</li> </ul>	<ul> <li>Insulation to wood</li> <li>OSB or plywood to wood</li> <li>Wood-to-wood applications</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece.</li> <li>Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 4,000 RPM.</li> </ul>	<ul> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with ASTM C1002.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>A coarse thread screw for attaching drywall to interior wood studs and joists.</li> </ul>	<ul> <li>Grabber's Pro-Fit #2 Phillips is a precision recess designed for better bit</li> </ul>

- Extra-sharp, single lead 23° Grabber® point, designed to penetrate quickly and easily.
- precision recess designed for better bit engagement, resulting in less wobble or strip-out.

# Bugle Head Drywall Screw

Gypsum Board to Wood



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#6	0.325 in.	#2 Phillips	0.089 in.	0.138 in.	8
#7	0.321 in.	#2 Phillips	0.100 in.	0.151 in.	8
#8	0.321 in.	#2 Phillips	0.114 in.	0.164 in.	8
#10	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

General Wood Substrate Load Data

	Choor	Toncilo	Withdrawal	Lateral Re	esistance <sup>2</sup>
ltem No.	Strength <sup>1</sup>	Strength <sup>1</sup>	Capacity <sup>2</sup>	1/2 in. Gypsum Panel	5/8 in. Gypsum Panel
300	176 ksi	195 ksi	398 lbf. / in. penetration	122 lbf. / fastener	189 lbf. / fastener

<sup>1</sup>Testing per AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute.
<sup>2</sup>Testing per ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
Phosphate							
100	6 x 1 in.	#2 Phillips	0.325 in.	8	10,000	31 lb.	
200	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	10,000	34 lb.	
300HP	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	4,000	16 lb.	
300	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	30 lb.	
40012	6 x 1 1/2 in.	#2 Phillips	0.325 in.	8	5,000	22 lb.	
400	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	23 lb.	
500	7 x 2 in.	#2 Phillips	0.325 in.	8	3,500	23 lb.	
600	7 x 2 1/4 in.	#2 Phillips	0.325 in.	8	3,000	23 lb.	
900	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	2,500	24 lb.	
1100	8 x 3 in.	#2 Phillips	0.325 in.	8	2,000	23 lb.	
1200	10 x 3 1/2 in.	#2 Phillips	0.325 in.	8	1,000	18 lb.	
1300	10 x 4 in.	#2 Phillips	0.325 in.	8	1,000	21 lb.	



**Ordering Information and Product Options (continued)** 

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
1300F	10 x 4 in.	#2 Phillips	0.325 in.	8	1,000	21 lb.	Fully threaded
C300	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	
C375	7 x 1 3/4 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	
C400	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated
C500	7 x 2 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	
C900	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	
Clear Zinc							
100Z	6 x 1 in.	#2 Phillips	0.325 in.	8	10,000	31 lb.	
200Z	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	10,000	34 lb.	
300Z	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	30 lb.	
400Z	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	23 lb.	
500Z	7 x 2 in.	#2 Phillips	0.325 in.	8	3,500	23 lb.	
600Z	7 x 2 1/4 in.	#2 Phillips	0.325 in.	8	3,000	23 lb.	
900Z	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	2,500	24 lb.	
1100Z	8 x 3 in.	#2 Phillips	0.325 in.	8	2,000	23 lb.	
1200Z	10 x 3 1/2 in.	#2 Phillips	0.325 in.	8	1,000	18 lb.	
1300Z	10 x 4 in.	#2 Phillips	0.325 in.	8	1,000	21 lb.	
Yellow Zinc							
100YZ	6 x 1 in.	#2 Phillips	0.325 in.	8	10,000	31 lb.	
200YZ	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	10,000	34 lb.	
300YZ	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	30 lb.	
400YZ	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	23 lb.	
375YZ	7 x 1 3/4 in.	#2 Phillips	0.325 in.	8	5,000	29 lb.	
500YZ	7 x 2 in.	#2 Phillips	0.325 in.	8	3,500	23 lb.	
600YZ	7 x 2 1/4 in.	#2 Phillips	0.325 in.	8	3,000	23 lb.	
900YZ	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	2,500	24 lb.	
1100YZ	8 x 3 in.	#2 Phillips	0.325 in.	8	2,000	23 lb.	
1200YZ	10 x 3 1/2 in.	#2 Phillips	0.325 in.	8	1,000	18 lb.	
1300YZ	10 x 4 in.	#2 Phillips	0.325 in.	8	1,000	21 lb.	
C300YZ	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	
C400YZ	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated
C900YZ	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	1.000	5 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

**Bugle Head Drywall Screws** PS1003 USA-ENG/Rev. 02-25

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# Scavenger<sup>®</sup> Head Drywall Screw Interior Wood



		Scavenger®Phillips23°Grabber® Point
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: #6 to #7 Length: 1 in. to 2 in. Head Type: Scavenger <sup>®</sup> Recess Type: #2 Phillips Thread Type: Single Lead, Coarse Finish: Phosphate	Quality Assurance: Grabber <sup>®</sup> 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 C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood studs</li> <li>Sheathing and insulation board to wood studs</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 and #7, up to 4,000 RPM.</li> <li>For gypsum board, the Scavenger<sup>®</sup> head is fully seated when the screw is below the surface of the wallboard, in accordance with ASTM C1002.</li> </ul>	<ul> <li>The fastener should penetrate into the wood at least 5/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Superior holding power and ease of penetration.</li> <li>A coarse thread screw for general interior applications into wood.</li> </ul>	<ul> <li>Extra-sharp, single-lead 23° Grabber<sup>®</sup> point designed to penetrate quickly and easily.</li> <li>The unique Scavenger<sup>®</sup> double bugle head design reduces paper burrs.</li> </ul>



Standard Corrosion **Test Results** 

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions	Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
	#6	0.325 in.	#2 Phillips	0.089 in.	0.138 in.	8
	#7	0.325 in.	#2 Phillips	0.100 in.	0.151 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

P

ltem No.	Size	Recess	Head Diameter	lead TPI <sup>1</sup> Diameter		Weight	Special Features
Phosphate							
108	6 x 1 in.	#2 Phillips	0.325 in.	8	10,000	29 lb.	
208	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	10,000	35 lb.	
308	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	29 lb.	
408	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	24 lb.	
508	7 x 2 in.	#2 Phillips	0.325 in.	8	3,500	23 lb.	
C208	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Colleted
C308	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Conateu
CB308	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated, Bucket
C408	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated
CB408	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated, Bucket

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Scavenger<sup>®</sup> Head Drywall Screw PS1028 USA-ENG/Rev. 02-25

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# Flat Head Wood-to-Wood Screw

Interior Wood



	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	$\begin{array}{c} \hline \\ \hline $
Description	For interior wood projects such as cabinet wood trim, and more.	s, paneling, furniture, wood framing, stairs,
Specifications	Size   Gauge: #8 to #10 Length: 1 in. to 6 in. Head Type: Flat, Flat w/nibs Recess Type: #2 Square, #2 LOX <sup>®</sup> , #3 LOX <sup>®</sup> Thread Type: Single Lead and Double Lead, Coarse Finish: Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul> <li>Interior wood-to-wood applications</li> <li>General interior wood construction</li> <li>Cabinet construction and mounting</li> </ul>	<ul><li>Countertop construction</li><li>Furniture construction</li><li>Wood paneling</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 to #10, up to 4,000 RPM.</li> </ul>	<ul> <li>The flat head is fully seated when it is flush with the work surface.</li> <li>The fastener should penetrate the wood at least 3/4 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Square recess is a precision recess designed for secure bit engagement in wood-to-wood applications.</li> <li>LOX<sup>®</sup> recess allows for ultimate torque and will not strip out like most other recesses.</li> <li>The flat head design provides better holding power in wood-to-wood applications.</li> </ul>	<ul> <li>Underhead nibs ensure flush countersinking.</li> <li>TwinFast double-lead thread drives faster through OSB subfloor.</li> <li>Type 17 point is designed to smoothly penetrate wood without cracking the surface.</li> </ul>

# Flat Head Wood-to-Wood Screw Interior Wood



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

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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product nimensions

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Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#8	0.309 in.	#2 Square	0.116 in.	0.164 in.	8
#9	0.337 in.	#2 Square	0.124 in.	0.177 in.	8
#10	0.363 in.	#2 Square	0.132 in.	0.190 in.	8
	0.309 in.	#2 LOX®	0.116 in.	0.164 in.	8
#0	0.344 in.	#2 LOX®	0.116 in.	0.164 in.	10
#0	0.346 in.	#3 LOX®	0.116 in.	0.164 in.	10
	0.354 in.	#2 LOX®	0.114 in.	0.164 in.	10
#9	0.337 in.	#2 LOX®	0.124 in.	0.177 in.	8
#10	0.363 in.	#2 LOX®	0.132 in.	0.190 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Qty.	Weight	Special Features
Clear Zinc							
78100Z	8 x 1 in.	#2 Square	0.309 in.	8	8,000	33 lb.	
78118Z	8 x 1 1/8 in.	#2 Square	0.309 in.	8	6,000	29 lb.	
78125Z	8 x 1 1/4 in.	#2 Square	0.309 in.	8	6,000	30 lb.	
78150Z	8 x 1 1/2 in.	#2 Square	0.309 in.	8	5,000	30 lb.	
78175Z	8 x 1 3/4 in.	#2 Square	0.309 in.	8	4,000	28 lb.	
78200Z	8 x 2 in.	#2 Square	0.309 in.	8	3,000	24 lb.	
782508Z	8 x 2 1/2 in.	#2 Square	0.309 in.	8	2,500	25 lb.	Woody, Underhead nibs, Type 17 point
78250Z	9 x 2 1/2 in.	#2 Square	0.337 in.	8	2,500	30 lb.	
78275Z	9 x 2 3/4 in.	#2 Square	0.337 in.	8	2,000	25 lb.	
783008Z	8 x 3 in.	#2 Square	0.309 in.	8	2,000	24 lb.	
78300Z	9 x 3 in.	#2 Square	0.337 in.	8	2,000	28 lb.	
78350Z	10 x 3 1/2 in.	#2 Square	0.363 in.	8	1,000	20 lb.	
78400Z	10 x 4 in.	#2 Square	0.363 in.	8	1,000	22 lb.	

# Flat Head Wood-to-Wood Screw

**Interior Wood** 



**Ordering Information and Product Options (continued)** 

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Qty.	Weight	Special Features
Yellow Zinc							
WL8100YZ	8 x 1 in.	#2 LOX®	0.309 in.	8	8,000	33 lb.	
WL8150YZ	8 x 1 1/2 in.	#2 LOX®	0.309 in.	8	5,000	29 lb.	
WL8200YZ	8 x 2 in.	#2 LOX®	0.309 in.	8	3,000	23 lb.	
WL9250YZ	9 x 2 1/2 in.	#2 LOX®	0.337 in.	8	2,500	29 lb.	Underhead nibs, Type 17 point
WL9300YZ	9 x 3 in.	#2 LOX®	0.337 in.	8	2,000	28 lb.	
WL10350YZ	10 x 3 1/2 in.	#2 LOX®	0.363 in.	8	1,000	20 lb.	
WL10400YZ	10 x 4 in.	#2 LOX®	0.363 in.	8	1,000	22 lb.	
78118YZ	8 x 1 1/8 in.	#2 Square	0.309 in.	8	6,000	29 lb.	
78125YZ	8 x 1 1/4 in.	#2 Square	0.309 in.	8	6,000	30 lb.	
78150YZ	8 x 1 1/2 in.	#2 Square	0.309 in.	8	5,000	30 lb.	
78175YZ	8 x 1 3/4 in.	#2 Square	0.309 in.	8	4,000	28 lb.	
78200YZ	8 x 2 in.	#2 Square	0.309 in.	8	3,000	24 lb.	
782508YZ	8 x 2 1/2 in.	#2 Square	0.309 in.	8	2,500	25 lb.	
78250YZ	9 x 2 1/2 in.	#2 Square	0.337 in.	8	2,500	30 lb.	
78275YZ	9 x 2 3/4 in.	#2 Square	0.337 in.	8	2,000	25 lb.	Woody, Underhead nibs, Type 17 point
7830010YZ	10 x 3 in.	#2 Square	0.363 in.	8	1,500	30 lb.	
783008YZ	8 x 3 in.	#2 Square	0.309 in.	8	2,000	24 lb.	
78300YZ	9 x 3 in.	#2 Square	0.337 in.	8	2,000	28 lb.	
78350YZ	10 x 3 1/2 in.	#2 Square	0.363 in.	8	1,000	20 lb.	
78400YZ	10 x 4 in.	#2 Square	0.363 in.	8	1,000	22 lb.	
78500YZ	10 x 5 in.	#2 Square	0.363 in.	8	1,000	26 lb.	
78600YZ	10 x 6 in.	#2 Square	0.363 in.	8	1,000	33 lb.	
W8100YZ	8 x 1 in.	#2 LOX®	0.309 in.	8	5,000	33 lb.	
W8150YZ	8 x 1 1/2 in.	#2 LOX®	0.309 in.	8	5,000	29 lb.	
W8175YZ	8 x 1 3/4 in.	#2 LOX®	0.309 in.	8	2,500	19 lb.	Hadaahaadadha Tara 17 aadat
W8200YZ	8 x 2 in.	#2 LOX®	0.309 in.	8	3,000	23 lb.	Undernead hibs, Type 17 point
W9250YZ	9 x 2 1/2 in.	#2 LOX®	0.337 in.	8	2,500	29 lb.	
W9300YZ	9 x 3 in.	#2 LOX®	0.337 in.	8	2,000	28 lb.	
C8175L3YZ	8 x 1 3/4 in.	#3 LOX®	0.346 in.	10	1,000	5 lb.	
C8175LYZ	8 x 1 3/4 in.	#2 LOX®	0.346 in.	10	1,000	5 lb.	
C8200L3YZ	8 x 2 in.	#3 LOX®	0.346 in.	10	1,000	5 lb.	
C8200L2YZ	8 x 2 in.	#2 LOX®	0.346 in.	10	1,000	5 lb.	Collated, TwinFast Double Threads, Streaker® Point
C8250L3YZ	8 x 2 1/2 in.	#3 LOX®	0.346 in.	10	1,000	5 lb.	
C8250LYZ	8 x 2 1/2 in.	#2 LOX®	0.346 in.	10	1,000	5 lb.	
C8300L3YZ	8 x 3 in.	#3 LOX®	0.346 in.	10	1,000	5 lb.	
C8175SFJBW	8 x 1 3/4 in.	#2 LOX®	0.344 in.	10	1,000	5 lb.	
C8200SFJBW	8 x 2 in.	#2 LOX®	0.344 in.	10	1,000	5 lb.	
C8250SFJBW	8 x 2 in.	#2 LOX®	0.344 in.	10	1,000	5 lb.	Lollated, Streaker® Point
C8300SFJBW	8 x 2 in.	#2 LOX®	0.344 in.	10	1,000	5 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Flat Head Wood Screw PS1020 USA-ENG/Rev. 02-25 SAFETY FIRST: Wear appropriate personal protective equipment. Read applicable SDS and literature before handling and installation.

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**GRABBER CONSTRUCTION PRODUCTS, INC.** 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

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# **UltraPro<sup>™</sup> Interior Wood Screw** Wood to Wood



		Image: Definition of the end		
Description	General purpose, interior wood construction	on, remodeling and renovation.		
Specifications	Size   Gauge: #8 to #10 Length: 1 1/4 in. to 5 in. Head Type: Scavenger <sup>®</sup> II Recess Type: #2 LOX <sup>®</sup> Thread Type: UltraCut, Coarse Finish: Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.		
Applications	<ul><li>Interior wood construction</li><li>Framing</li></ul>	<ul><li>Remodeling and renovation</li><li>General purpose construction</li></ul>		
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece, drill, or impact driver. Suggested screw gun specification for optimal performance: sizes #8 to #10, up to 4,000 RPM.</li> </ul>	<ul> <li>The flat head is fully seated when the head is flush with the work surface.</li> <li>The fastener should penetrate the wood at least 3/4 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>		
Features	<ul> <li>No countersinking required, Scavenger<sup>®</sup> II spiral self-countersinks.</li> <li>DrawTite threads pull wood members together, creating a tight seal between boards.</li> <li>Extra-sharp UltraCut threads drive faster.</li> </ul>	<ul> <li>The QuickGrab™, Type 17 point starts immediately, allowing you to free up your other hand.</li> <li>Ideal for driving screws at difficult angles.</li> </ul>		

### UltraPro<sup>™</sup> Interior Wood Screw Wood to Wood



1	Finish	Test	Standard/Protocol	Results
5	Yellow Zinc	Salt Spray	ASTM B117	24 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#8	0.343 in.	#2 LOX®	0.098 in.	0.164 in.	12
#9	0.346 in.	#2 LOX®	0.104 in.	0.177 in.	11
#10	0.358 in.	#2 LOX®	0.122 in.	0.190 in.	10

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features	
Yellow Zinc								
U8125YZ	8 x 1 1/4 in.	#2 LOX®	0.343 in.	12	4,500	30 lb.		
U8150YZ	8 x 1 1/2 in.	#2 LOX®	0.343 in.	12	3,500	32 lb.		
U8200YZ	8 x 2 in.	#2 LOX®	0.343 in.	12	2,500	33 lb.		
U9250YZ	9 x 2 1/2 in.	#2 LOX®	0.346 in.	11	2,000	22 lb.		
U10300YZ	10 x 3 in.	#2 LOX®	0.358 in.	10	1,500	21 lb.	UltraPro™, DrawTite threads, IlltraCut threads, QuickGrah™ noint	
U10350YZ	10 x 3 1/2 in.	#2 LOX®	0.358 in.	10	1,500	20 lb.		
U10400YZ	10 x 4 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.		
U10450YZ	10 x 4 1/2 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.		
U10500YZ	10 x 5 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.		

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

UltraPro™ Interior Wood Screw PS1031 USA-ENG/Rev. 02-25

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Composite Deck Board to Wood	5
Gypsum Board to Gypsum Board	5
Gypsum Board, Sheathing, and Insulation Board to Wood	5
Trim Board to Wood	6
Wood to Wood	64



# Composite Deck Board-to-Wood Screw Exterior Wood



		Star Double Type 17 Point
Description	Used for attaching composite deck board to	wood.
Specifications	Size   Gauge: #9 and #10 Length: 2 in. to 2 3/4 in. Head Type: Composite Head Recess Type: T20 Star Thread Type: Single Lead and Double Lead, Coarse Finish: Multiple colors GrabberGard <sup>®</sup>	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul> <li>Composite deck board to wood</li> </ul>	<ul> <li>Hardwood or softwood applications</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #9 and #10, up to 4,000 RPM.</li> </ul>	<ul> <li>The screw is fully seated when it is flush with the work surface.</li> <li>The fastener should penetrate the wood at least 7/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Star recess provides consistent and reliable bit engagement.</li> <li>The composite head is specially designed to provide an improved appearance in composite board-to-wood applications.</li> </ul>	<ul> <li>Double Type 17 point starts immediately, and drives into most common hard and soft wood species without predrilling.</li> </ul>

# Composite Deck Board-to-Wood Screw





Standard Corrosion Test Results	Finish	Test	Standard/Protocol	Results	
	GrabberGard <sup>®</sup>	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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
# <b>0</b>	0.266 in.	T20 Star	0.151 in.	0.177 in.	12
#7	0.276 in.	T20 Star	0.151 in.	0.177 in.	12
#10	0.276 in.	T20 Star	0.163 in.	0.190 in.	12

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Gra	ау						
9212G	9 x 2 1/2 in.	T20 Star	0.266 in.	12	2,000	24 lb.	
9234G	9 x 2 3/4 in.	T20 Star	0.266 in.	12	2,000	27 lb.	
BCDS212G	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Reverse upper threads,
BCDS234G	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Double Type 17 point
GCDS234G	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	
GTCDS234G	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	
BCDS212G1	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light gray, Reverse upper threads, Double Type 17 point
BCDS212G2	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Medium gray, Reverse upper threads, Double Type 17 point
BCDS212G3	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Dark gray, Reverse upper threads, Double Type 17 point
GrabberGard® Re	d						
9212R	9 x 2 1/2 in.	T20 Star	0.266 in.	12	2,000	24 lb.	
9234R	9 x 2 3/4 in.	T20 Star	0.266 in.	12	2,000	27 lb.	
BCDS212R	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Reverse upper threads,
BCDS234R	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Double Type 17 point
GCDS234R	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	
GTCDS234R	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	
BCDS212R1	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light red, Reverse upper threads, Double Type 17 point
BCDS212R2	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Medium red, Reverse upper threads, Double Type 17 point
BCDS212R3	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Dark red, Reverse upper threads, Double Type 17 point

### Composite Deck Board-to-Wood Screw Exterior Wood



Ordering Information and Product Options (continued)

Item No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features			
GrabberGard® Brown										
9212B	9 x 2 1/2 in.	T20 Star	0.266 in.	12	2,000	24 lb.				
9234B	9 x 2 3/4 in.	T20 Star	0.266 in.	12	2,000	27 lb.				
BCDS212B	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Reverse upper threads,			
BCDS234B	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Double Type 17 point			
GCDS234B	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.				
GTCDS234B	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.				
BCDS212B1	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light brown, Reverse upper threads, Double Type 17 point			
BCDS212B2	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Medium brown, Reverse upper threads, Double Type 17 point			
BCDS212B3	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Dark brown, Reverse upper threads, Double Type 17 point			
BCDS212DB	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Dark brown, Reverse upper threads, Double Type 17 point			
GrabberGard® Tar										
9212T	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.				
9234T	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.				
BCDS212T	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Reverse upper threads,			
BCDS234T	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Double Type 17 point			
GCDS234T	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.				
GTCDS234T	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.				
BCDS212T1	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light tan, Reverse upper threads, Double Type 17 point			
BCDS234T2	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Medium tan, Reverse upper threads, Double Type 17 point			
BCDS212T2	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Medium tan, Reverse upper threads, Double Type 17 point			
BCDS212T3	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Dark tan, Reverse upper threads, Double Type 17 point			
Other Colors, Grab	berGard®									
BCDS212LT	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light tan, Reverse upper threads, Double Type 17 point			
BCDS212C1	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Light cedar, Reverse upper threads, Double Type 17 point			
BCDS212C2	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Medium cedar, Reverse upper threads, Double Type 17 point			
GCDS234D	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Dune, Reverse upper threads, Double Type 17 point			
GCDS234DW	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Driftwood, Reverse upper threads, Double Type 17 point			
GCDS234L	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Leather, Reverse upper threads, Double Type 17 point			
GCDS234S	9 x 2 3/4 in.	T20 Star	0.276 in.	12	2,000	27 lb.	Slate, Reverse upper threads, Double Type 17 point			

### Composite Deck Board-to-Wood Screw Exterior Wood



**Ordering Information and Product Options (continued)** 

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features					
305 Stainless Steel												
CMS212R3-1750	9 x 2 1/2 in.	T20 Star	0.276 in.	12	1,750	21 lb.	Dark red, Reverse upper threads, Double Type 17 point					
BCDS10200SS	10 x 2 in.	T20 Star	0.276 in.	12	3,000	31 lb.	Reverse upper threads, Double Type 17 point					
BCDS212BSS	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Brown, Reverse upper threads, Double Type 17 point					
BCDS212GSS	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Gray, Reverse upper threads, Double Type 17 point					
BCDS212RSS	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Red, Reverse upper threads, Double Type 17 point					
BCDS212SS	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Reverse upper threads, Double Type 17 point					
BCDS212TSS	9 x 2 1/2 in.	T20 Star	0.276 in.	12	2,000	24 lb.	Tan, Reverse upper threads, Double Type 17 point					

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Composite Deck Board-to-Wood Screw PS1019 USA-ENG/Rev. 02-25

GRABBER CONSTRUCTION PRODUCTS, INC. 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

(800) 477-8876 | GrabberPro.com

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# Bugle Head Laminator

Gypsum Board to Gypsum Board



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Description	Used for the temporary attachment of gypsum board to gypsum board. Attaches
	adhesively laminated gypsum board to gypsum board.

Specifications	Size   Gauge: #10 Length: 1 1/2 in. and 2 in. Head Type: Bugle Recess Type: #2 Phillips Thread Type: Single Lead, Coarse Finish: GrabberGard®	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.			
Applications	<ul> <li>Multilayered adhesively laminated gypsum board-to-gypsum board partitions</li> <li>Coreboard-to-multilayered elevator shaft liners</li> </ul>	<ul> <li>Not recommended for double-layered 3/8 in. panels</li> <li>For use if moisture could be an issue</li> </ul>			
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece.</li> <li>Suggested screw gun specification for optimal performance: size #10, up to 4,000 RPM.</li> </ul>	<ul> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with ASTM C1002.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>			
Features	<ul> <li>A coarse thread screw for temporarily fastening one layer of drywall to another.</li> <li>Extra-sharp, single lead 23° Grapher<sup>®</sup></li> </ul>	<ul> <li>Grabber's Pro-Fit #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> </ul>			

 Extra-sharp, single lead 23° Grabber point, designed to penetrate quickly and easily.

# **Bugle Head Laminator**

Gypsum Board to Gypsum Board

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Test



	Exterior Wood
zed for the nce	Gypsum Board to
	Gypsum Boarc

Standard Corrosion Finish Test	Test	Standard/Protocol	Results	
st Results	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 recogni industry-wide as an effective tool for comparing different metals and different metal coatings in a tightly controlled, highly corrosive environment specific periods of time. For more information about corrosion resistance, refer to Grabber's Coatings and Corrosion Resistance Classifications in Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guida and recommendations specific to your project.



Product Dimensions	Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
	#10	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Gra	ау						
12RG	10 x 1 1/2 in.	#2 Phillips	0.343 in.	8	5,000	39 lb.	
12-2RG	10 x 2 in.	#2 Phillips	0.343 in.	8	1,000	22 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

**Bugle Head Laminator** PS1022 USA-ENG/Rev. 02-25

**GRABBER CONSTRUCTION PRODUCTS, INC.** 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

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<b>Bugle Hea</b> Gypsum Boar	<b>ad Drywall Screw</b> rd to Wood	<b>GRABBER</b> CONSTRUCTION PRODUCTS			
Description	Attaches gypsum board to wood.	$\begin{array}{c} \hline \\ \hline $			
Specifications	Size   Gauge: #6 to #12 Length: 1 in. to 4 1/2 in. Head Type: Bugle Recess Type: #2 Phillips, #2 Square, #2 LOX® Thread Type: Single Lead, Coarse	Finish: GrabberGard <sup>®</sup> , Stainless Steel Quality Assurance: Grabber <sup>®</sup> 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 C1002 performance requirements.			
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board-to-wood studs and joists</li> <li>1/2 in. and 5/8 in. double-layer gypsum board-to-wood studs and joists</li> </ul>	<ul> <li>Insulation to pressure-treated wood</li> <li>OSB or plywood to wood</li> <li>Wood-to-wood applications</li> </ul>			
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #12, up to 4,000 RPM.</li> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>			
Features	<ul> <li>A coarse thread screw for exterior wood-to-wood applications.</li> <li>Extra-sharp, single lead 23° Grabber<sup>®</sup> point, designed to penetrate quickly and easily.</li> <li>GrabberGard<sup>®</sup> finish is compliant for all types of pressure and preservative treated wood applications.</li> </ul>	<ul> <li>Grabber's Pro-Fit #2 Phillips recess is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Stainless steel items can be used in MRI or other applications requiring nonmagnetic parts.</li> </ul>			

# Bugle Head Drywall Screw

Gypsum Board to Wood



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
<b>GrabberGard</b> ®	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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#6	0.325 in.	#2 Phillips	0.089 in.	0.138 in.	8
#7	0.321 in.	#2 Phillips	0.100 in.	0.151 in.	8
	0.321 in.	#2 Phillips	0.114 in.	0.164 in.	8
#8	0.325 in.	#2 Phillips	0.104 in.	0.164 in.	8
	0.346 in	#2 LOX®	0.116 in.	0.164 in.	8
	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	8
#10	0.344 in.	#2 Square	0.132 in.	0.190 in.	8
	0.346 in.	#2 LOX®	0.132 in.	0.190 in.	8
#12	0.346 in.	#2 LOX®	0.153 in.	0.216 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Gra	ау						
100RG	6 x 1 in.	#2 Phillips	0.325 in.	8	10,000	31 lb.	
200RG	6 x 1 1/8 in.	#2 Phillips	0.325 in.	8	10,000	34 lb.	
300RG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	30 lb.	
400RG	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	23 lb.	
500RG	7 x 2 in.	#2 Phillips	0.321 in.	8	3,500	23 lb.	
600RG	7 x 2 1/4 in.	#2 Phillips	0.321 in.	8	3,000	23 lb.	
900RG	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	2,500	24 lb.	
1100RG	8 x 3 in.	#2 Phillips	0.325 in.	8	2,000	23 lb.	
1200RG	10 x 3 1/2 in.	#2 Phillips	0.343 in.	8	1,000	18 lb.	
1300RG	10 x 4 in.	#2 Phillips	0.343 in.	8	1,000	21 lb.	
C900RG	8 x 2 1/2 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated

Gypsum Board to Wood



Ordering Information and Product Options (continued)

ltem No.	Size	Recess	Head Diameter	<b>TPI</b> <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Red	d						
C400RRG	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Colleted
C500RRG	7 x 2 in.	#2 Phillips	0.325 in.	8	1,000	5 lb.	Collated
300RRG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	8	8,000	30 lb.	
400RRG	6 x 1 5/8 in.	#2 Phillips	0.325 in.	8	5,000	23 lb.	
500RRG	7 x 2 in.	#2 Phillips	0.321 in.	8	3,500	23 lb.	
900RRG	8 x 2 1/2 in.	#2 Phillips	0.321 in.	8	2,500	24 lb.	
1100RRG	8 x 3 in.	#2 Phillips	0.321 in.	8	2,000	23 lb.	
1200RRG	10 x 3 1/2 in.	#2 Phillips	0.321 in.	8	1,000	18 lb.	
1300RRG	10 x 4 in.	#2 Phillips	0.321 in.	8	1,000	21 lb.	
302 Stainless Stee	el						
10100SSQ	10 x 1 in.	#2 Square	0.344 in.	8	7,000	37 lb.	
10150SSQ	10 x 1 1/2 in.	#2 Square	0.344 in.	8	4,000	32 lb.	
10200SSQ	10 x 2 in.	#2 Square	0.344 in.	8	3,500	37 lb.	
10250SSQ	10 x 2 1/2 in.	#2 Square	0.344 in.	8	2,500	31 lb.	Tune 17 point
10300SSQ	10 x 3 in.	#2 Square	0.344 in.	8	2,000	30 lb.	Type TV point
10200SS	10 x 2 in.	#2 Phillips	0.343 in.	8	3,500	37 lb.	
10250SS	10 x 2 1/2 in.	#2 Phillips	0.343 in.	8	2,500	31 lb.	
10300SS	10 x 3 in.	#2 Phillips	0.343 in.	8	2,000	30 lb.	
305 Stainless Stee	el						
8300SS305	8 x 1 1/4 in.	#2 Phillips	0.325 in.	8	5,000	25 lb.	Nonmagnetic fastener application
316 Stainless Stee	l						
B10250L316	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	2,500	32 lb.	
B10300L316	10 x 3 in.	#2 LOX®	0.346 in.	8	1,000	31 lb.	Bucket, Type 17 point
B12450L316	12 x 4 1/2 in.	#2 LOX®	0.346 in.	8	1,000	23 lb.	
10250L316	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	2,500	32 lb.	Tune 17 point
10300L316	10 x 3 in.	#2 LOX®	0.346 in.	8	2,500	31 lb.	Type TV point
CB8250L316	8 x 2 1/2 in.	#2 LOX®	0.325 in.	8	1,000	5 lb.	
CB10250L316	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	1,000	5 lb.	
C10250L316	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	1,000	5 lb.	Colleted Type 17 point
CB10250L316C	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	1,000	5 lb.	conateu, type t/ politi
CB10250L316I	10 x 2 1/2 in.	#2 LOX®	0.346 in.	8	1,000	5 lb.	
CB10300L316	10 x 3 in.	#2 LOX®	0.346 in.	8	1,000	5 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Bugle Head Drywall Screw PS1051 USA-ENG/Rev. 02-25

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Trim Board Screw

Wood to Wood



		NUMULALIZATION         Image: Constraint of the second se
Description	Used for attaching wood trim over single- or	- double-layer gypsum board.
Specifications	Size   Gauge: #7 and #8 Length: 1 5/8 in. to 3 in. Head Type: Trim Recess Type: T15, T20 Star Thread Type: Coarse Finish: GrabberGard <sup>®</sup> , Stainless Steel	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul> <li>Exterior trim to wood</li> </ul>	<ul> <li>Exterior finish applications</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece, drill or impact driver. Suggested screw gun specification for optimal performance: sizes #7 and #8, up to 4,000 RPM.</li> </ul>	<ul> <li>The trim head is fully seated when the head is flush with the work surface.</li> <li>The fastener should penetrate the wood at least 5/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Star recess provides consistent, reliable performance in wood-to-wood applications.</li> <li>Trim head design provides better holding power in trim-to-wood applications.</li> </ul>	<ul> <li>Underhead nibs self-countersink as the screw seats.</li> <li>The QuickGrab<sup>™</sup>, Type 17 point starts immediately, allowing you to free up your other hand.</li> </ul>

# Trim Board Screw Wood to Wood



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#7	0.230 in.	T15 Star	0.111 in.	0.151 in.	9
#/	0.246 in.	T15 Star	0.100 in.	0.151 in.	9
<i>щ</i> 0	0.232 in.	T20 Star	0.108 in.	0.164 in.	9
#8	0.254 in.	T20 Star	0.110 in.	0.164 in.	9

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features	
GrabberGard® Gra	ау							
GT7158G	7 x 1 5/8 in.	T15 Star	0.246 in.	9	5,000	30 lb.		
GT7158GG	7 x 1 5/8 in.	T15 Star	0.246 in.	9	5,000	30 lb.		
GT7225G	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.		
GT7214G	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.	Underhead nibs, QuickGrab™ point	
GT7225GG	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.		
GT8300G	8 x 3 in.	T20 Star	0.254 in.	9	2,000	33 lb.		
GT8300GG	8 x 3 in.	T20 Star	0.254 in.	9	2,000	33 lb.		
GrabberGard® Re	d							
GT7158GR	7 x 1 5/8 in.	T15 Star	0.246 in.	9	5,000	30 lb.		
GT7225GR	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.	Underhead nike QuickGrahM naint	
GT7214GR	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.	ondernead hibs, duickorab point	
GT8300GR	8 x 3 in.	T20 Star	0.254 in.	9	2,000	33 lb.		
GrabberGard® Yellow								
GT7158GY	7 x 1 5/8 in.	T15 Star	0.246 in.	9	5,000	30 lb.		
GT7225GY	7 x 2 1/4 in.	T15 Star	0.246 in.	9	3,000	32 lb.	Underhead nibs, QuickGrab™ point	
GT8300GY	8 x 3 in.	T20 Star	0.254 in.	9	2,000	33 lb.		

### **Trim Board Screw** Wood to Wood



ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features		
305 Stainless Steel									
GTSTTR158	7 x 1 5/8 in.	T15 Star	0.230 in.	9	5,000	30 lb.			
GTSTTR158B	7 x 1 5/8 in.	T15 Star	0.230 in.	9	5,000	30 lb.			
GTSTTR225	7 x 2 1/4 in.	T15 Star	0.230 in.	9	3,000	32 lb.			
GTSTTR214	7 x 2 1/4 in.	T15 Star	0.230 in.	9	3,000	32 lb.	Underhead nibs, QuickGrab™ point		
GTSTTR225B	7 x 2 1/4 in.	T15 Star	0.230 in.	9	3,000	32 lb.			
GTSTTR300	8 x 3 in.	T20 Star	0.232 in.	9	2,000	33 lb.			
GTSTTR300B	8 x 3 in.	T20 Star	0.232 in.	9	2,000	33 lb.			
GTPHTR158W	7 x 1 5/8 in.	T15 Star	0.230 in.	9	5,000	30 lb.			
GTPHTR225W	7 x 2 1/4 in.	T15 Star	0.230 in.	9	3,000	32 lb.	Underhead nibs, QuickGrab™ point, White nainted head		
							minto punitou nodu		

9

3,000

32 lb.

**Ordering Information and Product Options (continued)** 

7 x 2 1/4 in.

T15 Star

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

0.230 in.

**Trim Board Screw** PS1032 USA-ENG/Rev. 02-25

GTPHTR214W

**GRABBER CONSTRUCTION PRODUCTS, INC.** 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

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UltraPro™	Exterior	Wood	Screw	
Wood to Wood				



		Image: Description of the second se
Description	General purpose, exterior wood construction	on, decking and fences.
Specifications	Size   Gauge: #8 to #10 Length: 1 1/4 in. to 5 in. Head Type: Scavenger <sup>®</sup> II Recess Type: #2 LOX <sup>®</sup> Thread Type: UltraCut, Coarse Finish: GrabberGard <sup>®</sup> 15 Gold	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul><li>Exterior wood construction</li><li>Decking</li></ul>	<ul><li>Fences</li><li>General purpose construction</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece, drill, or impact driver. Suggested screw gun specification for optimal performance: sizes #8 to #10, up to 4,000 RPM.</li> </ul>	<ul> <li>The flat head is fully seated when the head is flush with the work surface.</li> <li>The fastener should penetrate the wood at least 3/4 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>No countersinking required, Scavenger<sup>®</sup> II spiral self-countersinks.</li> <li>DrawTite threads pull wood members together, creating a tight seal between boards.</li> <li>Extra-sharp UltraCut threads drive faster.</li> </ul>	<ul> <li>The QuickGrab<sup>™</sup>, Type 17 point starts immediately, allowing you to free up your other hand.</li> <li>Ideal for driving screws at difficult angles.</li> </ul>

### UltraPro<sup>™</sup> Exterior Wood Screw Wood to Wood



a n	Finish	Test	Standard/Protocol	Results
S	GrabberGard <sup>®</sup> 15	Salt Spray	ASTM B117	1,500 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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#8	0.343 in.	#2 LOX®	0.098 in.	0.164 in.	12
#9	0.346 in.	#2 LOX®	0.104 in.	0.177 in.	11
#10	0.358 in.	#2 LOX®	0.122 in.	0.190 in.	10

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features		
GrabberGard <sup>®</sup> Gold									
U8125G	8 x 1 1/4 in.	#2 LOX®	0.343 in.	12	4,500	30 lb.			
U8150G	8 x 1 1/2 in.	#2 LOX®	0.343 in.	12	3,500	32 lb.			
U8200G	8 x 2 in.	#2 LOX®	0.343 in.	12	2,500	33 lb.			
U9250G	9 x 2 1/2 in.	#2 LOX®	0.346 in.	11	2,000	22 lb.			
U10300G	10 x 3 in.	#2 LOX®	0.358 in.	10	1,500	21 lb.	UltraPro <sup>IM</sup> , DrawTite threads, UltraCut threads, QuickGrah <sup>TM</sup> noint		
U10350G	10 x 3 1/2 in.	#2 LOX®	0.358 in.	10	1,500	20 lb.			
U10400G	10 x 4 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.			
U10450G	10 x 4 1/2 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.			
U10500G	10 x 5 in.	#2 LOX®	0.358 in.	10	1,000	20 lb.			

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

UltraPro™ Exterior Wood Screw PS1059 USA-ENG/Rev. 02-25

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# Flat Head Wood-to-Wood Screws

Exterior Wood



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Description Specifications	For general purpose exterior wood projects <b>Size   Gauge:</b> #6 to #10 <b>Length:</b> 1 1/4 in. to 6 in. <b>Head Type:</b> Flat, Flat w/nibs <b>Recess Type:</b> T20 Star, T25 Star, #2 Square, #2 LOX® <b>Thread Type:</b> Single Lead and Double Lead, Coarse	such as decks, fences, siding, and lattices. <b>Finish:</b> GrabberGard <sup>®</sup> , Stainless Steel <b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul> <li>Exterior wood-to-wood applications</li> <li>General exterior wood construction</li> <li>Decking</li> <li>Fencing</li> </ul>	<ul><li>Siding</li><li>Lattice</li><li>Docks</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 4,000 RPM.</li> <li>The flat head is fully seated when it is flush with the work surface.</li> </ul>	<ul> <li>The fastener should penetrate the wood at least 5/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Square recess is a precision recess designed for secure bit engagement in wood-to-wood applications.</li> <li>Star recess provides consistent, reliable performance in wood-to-wood applications.</li> <li>LOX<sup>®</sup> recess allows for ultimate torque and will not strip out like most other recesses.</li> <li>The flat head design provides better holding power in wood-to-wood applications.</li> </ul>	<ul> <li>Underhead nibs ensure flush countersinking.</li> <li>Type 17 point is designed to smoothly penetrate wood without cracking the surface.</li> <li>QuickGrab<sup>™</sup> point starts immediately and drives into most common wood species without predrilling.</li> </ul>

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# Flat Head Wood-to-Wood Screws Exterior Wood



D2

D1

Standard Corrosion	Finish	Test	Standard/Protocol	Results
Test Results	GrabberGard <sup>®</sup>	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, refer to Grabber's Coatings and Corrosion Resistance Classifications in the Technical Data section of Grabber Fastener Solutions, PG1000. Consult with a corrosion specialist or the architect or engineer of record for detailed guidance and recommendations specific to your project.



Product Dimensions

Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
#6	0.303 in.	T20 Star	0.091 in.	0.138 in.	10
#7	0.303 in.	T20 Star	0.100 in.	0.151 in.	9
#1	0.303 in.	T20 Star	0.100 in.	0.151 in.	7
	0.309 in.	#2 Square	0.116 in.	0.164 in.	8
	0.318 in.	T20 Star	0.110 in.	0.164 in.	9
#8	0.323 in.	#2 LOX®	0.118 in.	0.164 in.	8
	0.323 in.	T20 Star	0.118 in.	0.164 in.	9
	0.354 in.	#2 LOX®	0.118 in.	0.164 in.	8
#9	0.335 in.	T20 Star	0.122 in.	0.177 in.	8
	0.337 in.	#2 Square	0.124 in.	0.177 in.	8
	0.337 in.	#2 LOX®	0.124 in.	0.177 in.	8
	0.354 in.	#2 LOX®	0.126 in.	0.177 in.	9
#10	0.354 in.	#2 LOX®	0.134 in.	0.190 in.	8
	0.358 in.	T25 Star	0.132 in.	0.190 in.	8
#10	0.362 in.	T25 Star	0.124 in.	0.190 in.	8
	0.363 in.	#2 Square	0.132 in.	0.190 in.	8

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features	
GrabberGard® Gra	ау							
78125RG	8 x 1 1/4 in.	#2 Square	0.309 in.	8	6,000	30 lb.		
78150RG	8 x 1 1/2 in.	#2 Square	0.309 in.	8	5,000	31 lb.	Woody Underbood site Type 17 point	
78175RG	8 x 1 3/4 in.	#2 Square	0.309 in.	8	4,000	28 lb.		
78200RG	8 x 2 in.	#2 Square	0.309 in.	8	3,000	25 lb.	woody, ondernead hibs, type 17 point	
78250RG	9 x 2 1/2 in.	#2 Square	0.337 in.	8	2,500	30 lb.		
78275RG	9 x 2 3/4 in.	#2 Square	0.337 in.	8	2,000	25 lb.		



Ordering Information and Product Options (continued)

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Gra	ay (continued)						
783008RG	8 x 3 in.	#2 Square	0.309 in.	8	2,000	28 lb.	
78300RG	9 x 3 in.	#2 Square	0.337 in.	8	2,000	28 lb.	
78350RG	10 x 3 1/2 in.	#2 Square	0.363 in.	8	1,000	20 lb.	
78400RG	10 x 4 in.	#2 Square	0.363 in.	8	1,000	23 lb.	
78500RG	10 x 5 in.	#2 Square	0.363 in.	8	1,000	26 lb.	
78600RG	10 x 6 in.	#2 Square	0.363 in.	8	1,000	33 lb.	Woody, Underhead nibs, Type 17 point
WL8150RG	8 x 1 1/2 in.	#2 LOX®	0.309 in.	8	5,000	29 lb.	
WL8200RG	8 x 2 in.	#2 LOX®	0.309 in.	8	3,000	24 lb.	
WL9250RG	9 x 2 1/2 in.	#2 LOX®	0.337 in.	8	2,500	29 lb.	
WL9300RG	9 x 3 in.	#2 LOX®	0.337 in.	8	2,000	28 lb.	
W10400RG	10 x 4 in.	#2 LOX®	0.363 in.	8	1,000	22 lb.	
G6125G	6 x 1 1/4 in.	T20 Star	0.303 in.	10	8,000	30 lb.	
G6150G	6 x 1 1/2 in.	T20 Star	0.303 in.	10	5,000	22 lb.	
G7200G	7 x 2 in.	T20 Star	0.303 in.	9	3,500	23 lb.	
G8225G	8 x 2 1/4 in.	T20 Star	0.318 in.	9	3,000	27 lb.	
G8250G	8 x 2 1/2 in.	T20 Star	0.318 in.	9	2,500	24 lb.	
G8300G	8 x 3 in.	T20 Star	0.318 in.	9	2,000	23 lb.	
G9300G	9 x 3 in.	T20 Star	0.335 in.	8	2,000	27 lb.	
G10350G	10 x 3 1/2 in.	T25 Star	0.358 in.	8	1,000	19 lb.	
G10400G	10 x 4 in.	T25 Star	0.358 in.	8	1,000	21 lb.	
G10500G	10 x 5 in.	T25 Star	0.358 in.	8	1,000	27 lb.	
G6125GG	6 x 1 1/4 in.	T20 Star	0.303 in.	10	8,000	30 lb.	
G6150GG	6 x 1 1/2 in.	T20 Star	0.303 in.	10	5,000	22 lb.	
G7200GG	7 x 2 in.	T20 Star	0.303 in.	9	3,500	23 lb.	
G8225GG	8 x 2 1/4 in.	T20 Star	0.318 in.	9	3,000	27 lb.	
G8250GG	8 x 2 1/2 in.	T20 Star	0.318 in.	9	2,500	24 lb.	
G8300GG	8 x 3 in.	T20 Star	0.318 in.	9	2,000	23 lb.	Undernead nibs, QuickGrad <sup>114</sup> point
G9300GG	9 x 3 in.	T20 Star	0.335 in.	8	2,000	27 lb.	
G10350GG	10 x 3 1/2 in.	T25 Star	0.358 in.	8	1,000	19 lb.	
G10400GG	10 x 4 in.	T25 Star	0.358 in.	8	1,000	21 lb.	
G10500GG	10 x 5 in.	T25 Star	0.358 in.	8	1,000	27 lb.	
G6125GB	6 x 1 1/4 in.	T20 Star	0.303 in.	10	8,000	30 lb.	
G6150GB	6 x 1 1/2 in.	T20 Star	0.303 in.	10	5,000	22 lb.	
G7200GB	7 x 2 in.	T20 Star	0.303 in.	9	3,500	23 lb.	
G8225GB	8 x 2 1/4 in.	T20 Star	0.318 in.	9	3,000	27 lb.	
G8250GB	8 x 2 1/2 in.	T20 Star	0.318 in.	9	2,500	24 lb.	
G8300GB	8 x 3 in.	T20 Star	0.318 in.	9	2,000	23 lb.	
G9300GB	9 x 3 in.	T20 Star	0.335 in.	8	2,000	27 lb.	
G10350GB	10 x 3 1/2 in.	T25 Star	0.358 in.	8	1,000	19 lb.	
G10400GB	10 x 4 in.	T25 Star	0.358 in.	8	1,000	21 lb.	
G10500GB	10 x 5 in.	T25 Star	0.358 in.	8	1,000	27 lb.	

# Flat Head Wood-to-Wood Screws Exterior Wood



Ordering Information and Product Options (continued)

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
GrabberGard® Gr	ay (continued)						
C8200L2M	8 x 2 in.	#2 LOX®	0.354 in.	8	1,000	5lb.	
C8250L2M	8 x 2 1/2 in.	#2 LOX®	0.354 in.	8	1,000	5lb.	Collated, QuickGrab™ point
C9300L2M	9 x 3 in.	#2 LOX®	0.354 in.	8	1,000	5lb.	
C10158JBWG2	10 x 1 5/8 in.	#2 LOX®	0.354 in.	8	1,000	5lb.	
C8200TXG2	8 x 2 in.	#2 LOX®	0.323 in.	8	1,000	5lb.	Collated, Type 17 point
C8300TXG2	8 x 3 in.	#2 LOX®	0.323 in.	8	1,000	5lb.	
GrabberGard® Gr	een						
78125GRG	8 x 1 1/4 in.	#2 Square	0.309 in.	8	6,000	30 lb.	
78150GRG	8 x 1 1/2 in.	#2 Square	0.309 in.	8	5,000	31 lb.	
78175GRG	8 x 1 3/4 in.	#2 Square	0.309 in.	8	4,000	28 lb.	
78200GRG	8 x 2 in.	#2 Square	0.309 in.	8	3,000	25 lb.	
782508GRG	8 x 2 1/2 in.	#2 Square	0.309 in.	8	2,500	25 lb.	Woody, Underhead nibs, Type 17 point
783008GRG	8 x 3 in.	#2 Square	0.309 in.	8	2,000	24 lb.	
78350GRG	10 x 3 1/2 in.	#2 Square	0.363 in.	8	1,000	20 lb.	-
78400GRG	10 x 4 in.	#2 Square	0.363 in.	8	1,000	23 lb.	-
78500GRG	10 x 5 in.	#2 Square	0.363 in.	8	1,000	26 lb.	
GrabberGard® Re	d						
WL8200RGR	8 x 2 in.	#2 LOX®	0.309 in.	8	3,000	24 lb.	
WL9250RGR	9 x 2 1/2 in.	#2 LOX®	0.337 in.	8	2,500	29 lb.	Woody, Underhead nibs, Type 17 point
WL9300RGR	9 x 3 in.	#2 LOX®	0.337 in.	8	2,000	28 lb.	
G6125GR	6 x 1 1/4 in.	T20 Star	0.303 in.	10	8,000	30 lb.	
G6150GR	6 x 1 1/2 in.	T20 Star	0.303 in.	10	5,000	22 lb.	
G7200GR	7 x 2 in.	T20 Star	0.303 in.	7	3,500	23 lb.	
G8225GR	8 x 2 1/4 in.	T20 Star	0.318 in.	9	3,000	27 lb.	
G8250GR	8 x 2 1/2 in.	T20 Star	0.318 in.	9	2,500	24 lb.	
G8300GR	8 x 3 in.	T20 Star	0.318 in.	9	2,000	23 lb.	Undernead nibs, QuickGrad <sup>114</sup> point
G9300GR	9 x 3 in.	T20 Star	0.335 in.	8	2,000	27 lb.	
G10350GR	10 x 3 1/2 in.	T25 Star	0.358 in.	8	1,000	19 lb.	
G10400GR	10 x 4 in.	T25 Star	0.358 in.	8	1,000	21 lb.	
G10500GR	10 x 5 in.	T25 Star	0.358 in.	8	1,000	27 lb.	
GrabberGard® Br	own						
78125BRG	8 x 1 1/4 in.	#2 Square	0.309 in.	8	6,000	30 lb.	
78150BRG	8 x 1 1/2 in.	#2 Square	0.309 in.	8	5,000	31 lb.	
78175BRG	8 x 1 3/4 in.	#2 Square	0.309 in.	8	4,000	28 lb.	
78200BRG	8 x 2 in.	#2 Square	0.309 in.	8	3,000	25 lb.	
782508BRG	8 x 2 1/2 in.	#2 Square	0.309 in.	8	2,500	25 lb.	Woody, Underhead nibs, Type 17 point
783008BRG	8 x 3 in.	#2 Square	0.309 in.	8	2,000	24 lb.	
78350BRG	10 x 3 1/2 in.	#2 Square	0.363 in.	8	1,000	20 lb.	
78400BRG	10 x 4 in.	#2 Square	0.363 in.	8	1,000	23 lb.	
78500BRG	10 x 5 in.	#2 Square	0.363 in.	8	1,000	26 lb.	

### Flat Head Wood-to-Wood Screws **Exterior Wood**



**Ordering Information and Product Options (continued)** 

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
305 Stainless Stee	el						
GTST125	8 x 1 1/4 in.	T20 Star	0.323 in.	9	5,000	30 lb.	
GTST150	8 x 1 1/2 in.	T20 Star	0.323 in.	9	4,000	32 lb.	
GTST200	8 x 2 in.	T20 Star	0.323 in.	9	3,000	33 lb.	
GTST250	10 x 2 1/2 in.	T25 Star	0.362 in.	8	2,000	24 lb.	
GTST300	10 x 3 in.	T25 Star	0.362 in.	8	1,500	21 lb.	
GTST350	10 x 3 1/2 in.	T25 Star	0.362 in.	8	1,000	20 lb.	Underhead nibs, QuickGrab™ point
GTST400	10 x 4 in.	T25 Star	0.362 in.	8	1,000	20 lb.	
GTST8250	8 x 2 1/2 in.	T20 Star	0.323 in.	9	2,500	26 lb.	
GTST8300	8 x 3 in.	T20 Star	0.323 in.	9	1,000	25 lb.	
GTST8350	8 x 3 1/2 in.	T20 Star	0.323 in.	9	1,000	26 lb.	
GTST8400	8 x 4 in.	T20 Star	0.323 in.	9	1,000	27 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or Grabber Pro for more information.

**Flat Head Wood Screws** PS1053 USA-ENG/Rev. 02-25

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# Tie-Master Structural Wood Screw

Wood to Wood



		Star Flat Head w/ Nibs Type 17 Point
Description	Multi-purpose wood fastener for general wo under-deck connections, trusses, and dimer	od construction, laminated beams, nsional lumber.
Specifications	Size   Gauge: #14 Length: 2 1/2 in. to 12 in. Head Type: Flat Head Recess Type: T40 Star Thread Type: Coarse Finish: Mechanically galvanized	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> ICC ESR-3531; ASTM B695 Class 55.
Applications	<ul> <li>General wood-to-wood construction</li> <li>Decks, docks, and boardwalks</li> <li>Under-deck connections</li> </ul>	<ul><li>Trusses and dimensional lumber</li><li>Laminated beams</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece or an impact driver. Suggested screw gun specification for optimal performance: size #14, up to 2,500 RPM.</li> </ul>	<ul> <li>The head is fully seated when flush with the work surface.</li> <li>The fastener should penetrate the wood at least 1 1/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Flat head design provides better holding power in wood-to-wood applications. Special nibs self-countersink as the screw seats.</li> <li>DrawTite shank pulls wood members together, rather than forcing them apart, as the fastener drives in and seats.</li> </ul>	<ul> <li>Mechanically galvanized against corrosion to ASTM B695 Class 55.</li> <li>Grabber's galvanized coating is ACQ compliant.</li> <li>The Type 17 point starts and drives into most common wood species without predrilling.</li> </ul>

# **Tie-Master Structural Wood Screw**

Wood to Wood



Standard Corrosion	Finish	Test	Sta	ndard/Protocol	Results	
Test Results	Mechanically Galvanized	Coating Thi Classificat	ckness AST ion	TM B695	Class 55	
		D1	D2	<b>b</b>		
			00000000000000000000000000000000000000			
Product Dimensions	Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>
	#14	0.560 in.	T40 Star	0.185 in.	0.242 in.	10

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
Galvanized							
GTIE212	14 x 2 1/2 in.	T40 Star	0.560 in.	10	500	29 lb.	
GTIE4	14 x 4 in.	T40 Star	0.560 in.	10	500	33 lb.	
GTIE412	14 x 4 1/2 in.	T40 Star	0.560 in.	10	500	35 lb.	
GTIE5	14 x 5 in.	T40 Star	0.560 in.	10	500	38 lb.	ICC ESR-3531, Underhead nibs,
GTIE6	14 x 6 in.	T40 Star	0.560 in.	10	500	41 lb.	Type 17 point
GTIE8	14 x 8 in.	T40 Star	0.560 in.	10	500	44 lb.	
GTIE10	14 x 10 in.	T40 Star	0.560 in.	10	500	47 lb.	
GTIE12	14 x 12 in.	T40 Star	0.560 in.	10	500	51 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

**Tie-Master Structural Wood Screw** PS1061 USA-ENG/Rev. 02-25

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# Lag-Master Structural Wood Screw

Wood to Wood



		Hex Type 17 Point
Description	Multi-purpose wood fastener for general w under-deck connections, trusses, and dime	ood construction, laminated beams, ensional lumber.
Specifications	Size   Gauge: #14 Length: 2 1/2 in. to 6 in. Head Type: Hex Head Recess Type: 3/8 in. Hex Thread Type: Coarse Finish: Mechanically galvanized	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> ICC ESR-3531; ASTM B695 Class 55.
Applications	<ul> <li>General wood-to-wood construction</li> <li>Decks, docks, and boardwalks</li> <li>Under-deck connections</li> </ul>	<ul><li>Rim-to-joist connections</li><li>Retaining walls</li><li>Laminated beams</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #14, up to 2,500 RPM.</li> <li>Use of an impact driver is acceptable.</li> <li>The head is fully seated when the bearing surface of the head is flush with the work surface.</li> </ul>	<ul> <li>The fastener should penetrate the wood at least 1 1/8 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>3/8 in. hex washer head provides ultimate torque and higher load- bearing capability in structural wood- to-wood applications.</li> <li>DrawTite shank pulls wood members together, rather than forcing them apart ,as the fastener drives in and seats.</li> </ul>	<ul> <li>Mechanically galvanized against corrosion to ASTM B695 Class 55.</li> <li>Grabber's galvanized coating is ACQ compliant.</li> <li>The Type 17 point starts and drives into most common wood species without predrilling.</li> </ul>

# Lag-Master Structural Wood Screw

Wood to Wood



Standard Corrosion	Finish	Test	Si	tandard/Protocol	Results		
Test Results	Mechanically Galvanized	Coating Thi Classificati	ckness As	STM B695	Class 55		
		D1	D2	1999-			
				Jun			
Product Dimensions	Size	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>1</sup>	
	#14	0.500 in.	3/8 in. Hex	0.185 in.	0.242 in.	10	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI <sup>1</sup>	Quantity	Weight	Special Features
Galvanized							
GLM212	14 x 2 1/2 in.	3/8 in Hex	0.500 in.	10	500	29 lb.	
GLM300	14 x 3 in.	3/8 in Hex	0.500 in.	10	500	30 lb.	
GLM312	14 x 3 1/2 in.	3/8 in Hex	0.500 in.	10	500	32 lb.	
GLM400	14 x 4 in.	3/8 in Hex	0.500 in.	10	500	33 lb.	
GLM412	14 x 4 1/2 in.	3/8 in Hex	0.500 in.	10	500	35 lb.	ICC ESR-3531, Type 17 point
GLM478	14 x 4 7/8 in.	3/8 in Hex	0.500 in.	10	500	37 lb.	
GLM500	14 x 5 in.	3/8 in Hex	0.500 in.	10	500	38 lb.	
GLM578	14 x 5 7/8 in.	3/8 in Hex	0.500 in.	10	500	40 lb.	
GLM600	14 x 6 in.	3/8 in Hex	0.500 in.	10	500	41 lb.	

<sup>1</sup>TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener. 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 packages such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

Lag-Master Structural Wood Screw PS1037 USA-ENG/Rev. 02-25

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# Light-Gauge Steel Screws

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Acoustical Eye Lag Acoustical Wire to Light-Gauge Steel







Description	Attaches hanger wire to light-gauge steel.						
Specifications	Size   Gauge: 1/4 in. Length: 2 7/8 in. Head Type: Eye Lag Recess Type: n/a Thread Type: Fine, Single Lead Finish: Clear Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.					
Applications	<ul> <li>Attaches hanger wire to light-gauge steel or wooden ceiling joists</li> </ul>						
Installation	<ul> <li>Use a standard screw gun with Grabber's Eye Lag installation tool (ELAT). Suggested screw gun specification for optimal performance: up to 4,000 RPM.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> </ul>	<ul> <li>The fastener should penetrate the wood at least 1 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>					
Features	<ul> <li>Grabber<sup>®</sup> Eye Lag screws are more evenly heat-treated and tempered, resulting in more consistent and reliable performance.</li> </ul>	<ul> <li>Grabber's extra-sharp point design starts immediately and is much less likely to flop over.</li> </ul>					

#### Acoustical Eye Lag

Acoustical Wire to Light-Gauge Steel



Standard Corrosion	Finish	Test	S	tandard/Protocol	Results	
Test Results	Clear Zinc	Salt Sp	ray A	STM B117	24 hrs., no red rus	st
	Note: Salt Spray Test industry-wide as an specific periods of tir	ting (SST) results are n effective tool for comp ne. For more information	ot intended to predict cor aring different metals an n about corrosion resistar	rosion in real-world environm d different metal coatings in a ce, see the Grabber Guide to Co	ents. The ASTM B117 sta tightly controlled, highl rrosion Resistance for Fa	indard for SST is recognized y corrosive environment for asteners.
Pull-Out Test Data	Size	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
	<i>u</i> 1 <i>l</i>	1/	25	0.0188 in.	58 lbs.	80 lbs.
	#14	14	20	0.0346 in.	107 lbs.	199 lbs.
Sheet Steel Gauges	Note: Test data value: Test Methods, and AIS Gauge No.	s reported are allowable I Standards. Please cont	as determined by calcula act Grabber for detailed inf Design Thicl	ions and industry established to ormation about testing performe (NESS	est criteria, such as ICC-E ed for specific products or Millimeter Equi	:S Acceptance Criteria, ASTM if ultimate values are needed. ivalent
	25		0.0188 in.		0.4775 mm	
	20		0.0346 in.		0.8788 mm	
Product		D1 D2		ingr Diameter D2 M	siar Diamator	TDI
Dimensions	Screw Size	B Eye Dia	ameter DIM	inor Diameter D2 M	ajor Diameter	

Product ensions	Screw Size	B Eye Diameter	D1 Minor Diameter	D2 Major Diameter	TPI <sup>1</sup>
	1/4 in.	3/16 in.	0.180 in.	0.250 in.	14

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	TPI	Quantity	Weight	Special Features
Clear Zinc						
H-3	1/4 x 2 7/8 in.	Eye Lag Driver	14	1,000	20 lb.	1 1/2 in. Thread length

Acoustical Eye Lag - Light-Gauge Steel PS1038 USA-ENG/Rev. 02-25

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# Flat Wafer Head, Hi-Lo Thread, Streaker®– Exterior

Plywood, Cement Board to Light-Gauge Steel or Wood



		PhillipsFlat Wafer HeadHi-Lo Alternating ThreadsStreaker® Point
Description	Attaches high-density sheathing to light-ga	uge steel or wood.
Specifications	Size   Gauge: #8 and #10 Length: 1 1/4 in. to 3 1/2 in. Head Type: Flat Wafer Head Recess Type: #2 Phillips Thread Type: Hi-Lo Alternating Finish: GrabberGard <sup>®</sup> 1500	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> ASTM C1513.
Applications	<ul> <li>Cement board to light-gauge steel or wood</li> <li>High-density board to light-gauge steel or wood</li> </ul>	<ul> <li>Tile backers to light-gauge steel or wood</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 4,000 RPM.</li> <li>The screw head is fully seated when it is flush with the surface of the material.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>The fastener should penetrate the wood at least 3/4 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips recess is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>This wafer head design provides for a larger load-bearing surface and better holding power.</li> </ul>	<ul> <li>Underhead nibs facilitate seating and minimize strip-out.</li> <li>Alternating Hi-Lo threads provide stronger holding in wood or steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

# Flat Wafer Head, Hi-Lo Thread, Streaker®- Exterior

Plywood, Cement Board to Light-Gauge Steel or Wood



01						
Standard Corrosion	Finish	Test		Standard/Protocol	Results	
Test Results	GrabberGard® 1	500 Salt Spra	у	ASTM B117	1,500 hrs., no red i	rust
	Note: Salt Spray Testing industry-wide as an effe specific periods of time.	(SST) results are not i ective tool for comparir For more information ab	ntended to predict ng different metals nout corrosion resis	corrosion in real-world environn and different metal coatings in a tance, see the Grabber Guide to C	nents. The ASTM B117 star a tightly controlled, highly orrosion Resistance for Fas	idard for SST is recognized corrosive environment for steners.
Pull-Out Test Data <sup>1</sup>	Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		15 16 1.0	25	0.0188 in.	39 lbs.	66 lbs.
	#0	10 HI-LU	20	0.0346 in.	72 lbs.	164 lbs.
	#10	15 Ui-l o	25	0.0188 in.	46 lbs.	71 lbs.
	#10	13 HI-LU	20	0.0346 in.	84 lbs.	177 lbs.
	<sup>1</sup> Test data values reporte test standards. Please co	ed are allowable as dete ontact Grabber for detai	rmined by calculatio led information abo	ons and industry established test ut testing performed for specific	criteria, such as ICC-ES Acı products or if ultimate valu	ceptance Criteria and ASTM es are needed.
Sheet Steel Gauges	Gauge No.		Design Th	Design Thickness		valent
	25		0.0188 in.	0.0188 in.		
	20		0.0346 in.		0.8788 mm	

Product Dimensions

6	Screw Size	B Head Diam- eter	Recess	D1 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
	#8	0.404 in.	#2 Phillips	0.142 in.	0.177 in.	15 Hi-Lo
	#10	0.404 in.	#2 Phillips	0.161 in.	0.195 in.	14 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gra	ау						
GCB8158HL	8 x 1 5/8 in.	#2 Phillips	0.404 in.	15 Hi-Lo	4,000	29 lb.	
GCB8238HL	8 x 2 3/8 in.	#2 Phillips	0.404 in.	15 Hi-Lo	3,000	30 lb.	Underhead nibs
GCB10350HL	10 x 3 1/2 in.	#2 Phillips	0.404 in.	15 Hi-Lo	1,000	20 lb.	

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Flat Wafer Head, Hi-Lo Thread, Streaker<sup>®</sup> - Exterior PS1036 USA-ENG/Rev. 02-25 **GRABBER CONSTRUCTION PRODUCTS, INC.** 5255 W 11000 N., STE 100 HIGHLAND, UT 84003 (800) 477-8876 | GrabberPro.com

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#### Bugle Head, Fine Thread Drywall Screws - Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



		$\begin{tabular}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $
Description	Attaches gypsum board to light-gauge steel	. or wood.
Specifications	Size   Gauge: #6 to #10 Length: 1 in. to 6 in. Head Type: Bugle Recess Type: #2 Phillips, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: Clear Zinc, Phosphate, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs</li> <li>1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel</li> </ul>	<ul> <li>Steel or wood cabinets through single-layer gypsum board to light-gauge steel studs or wood</li> <li>OSB or plywood to light-gauge steel or wood</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 4,000 RPM.</li> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Fine thread, 15 threads per inch, is ideal for light-gauge steel applications.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Grabber's #2 Phillips recess is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> </ul>	<ul> <li>LOX<sup>®</sup> recess will not strip out like most other recesses and is designed for max torque.</li> <li>The bugle head is designed to seat quickly and easily into gypsum board, creating a flush surface and easy finishing.</li> </ul>

#### Bugle Head, Fine Thread Drywall Screws - Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#4	15	25	0.0188 in.	33 lbs.	60 lbs.
#0	15	20	0.0346 in.	61 lbs.	151 lbs.
#7 15	15	25	0.0188 in.	36 lbs.	63 lbs.
	15	20	0.0346 in.	67 lbs.	158 lbs.
#8	12-15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.
#10	10	25	0.0188 in.	46 lbs.	71 lbs.
	12	20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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





Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#6	0.321 in.	#2 Phillips	0.091 in.	0.138 in.	15
	0.325 in.	#2 Phillips	0.091 in.	0.138 in.	15
#7	0.321 in.	#2 Phillips	0.097 in.	0.151 in.	15
#8	0.321 in.	#2 Phillips	0.114 in.	0.164 in.	15
	0.325 in.	#2 Phillips	0.114 in.	0.164 in.	15
	0.325 in.	#2 Phillips	0.114 in.	0.164 in.	12
#10	0.343 in.	#2 Phillips	0.130 in.	0.190 in.	12
	0.431 in.	#2 LOX®	0.130 in.	0.190 in.	12

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

General Wood Substrate Load Data

	Shear Tensile Withdrawal		Lateral Resistance <sup>2</sup>		
ltem No.	Strength <sup>1</sup>	Strength <sup>1</sup>	Capacity <sup>2</sup>	1/2 in. Gypsum Panel	5/8 in. Gypsum Panel
368	180 ksi	210 ksi	466 lbf. / in. penetration	119 lbf. / fastener	205 lbf. / fastener

<sup>1</sup>Testing per AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute. <sup>2</sup>Testing per ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials. Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
168	6 x 1 in.	#2 Phillips	0.325 in.	15	10,000	32 lb.	
268	6 x 1 1/8 in.	#2 Phillips	0.325 in.	15	10,000	34 lb.	
368	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	31 lb.	
468	6 x 1 5/8 in.	#2 Phillips	0.325 in.	15	5,000	24 lb.	
568	6 x 1 3/4 in.	#2 Phillips	0.325 in.	15	5,000	27 lb.	
768	6 x 2 in.	#2 Phillips	0.325 in.	15	35,000	21 lb.	
868	7 x 2 1/4 in.	#2 Phillips	0.325 in.	15	3,000	23 lb.	
968	8 x 2 1/2 in.	#2 Phillips	0.325 in.	15	2,500	24 lb.	
1168	8 x 3 in.	#2 Phillips	0.325 in.	15	2,000	23 lb.	
1268	10 x 3 1/2 in.	#2 Phillips	0.343 in.	12	1,000	19 lb.	
1368	10 x 4 in.	#2 Phillips	0.343 in.	12	1,000	22 lb.	
1468	10 x 4 1/2 in.	#2 Phillips	0.343 in.	12	1,000	24 lb.	
1568	10 x 5 in.	#2 Phillips	0.343 in.	12	1,000	26 lb.	
1768	10 x 6 in.	#2 Phillips	0.343 in.	12	1,000	32 lb.	
C168	6 x 1 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	
C268	6 x 1 1/8 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	
C368	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	0-11-4-4
C468	6 x 1 5/8 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	Collated
C568	6 x 1 3/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	
C768	6 x 2 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	
Yellow Zinc							
368YZ	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	31 lb.	
1268YZ	10 x 3 1/2 in.	#2 Phillips	0.343 in.	12	1,000	19 lb.	
1368YZ	10 x 4 in.	#2 Phillips	0.343 in.	12	1,000	22 lb.	
1568YZ	10 x 5 in.	#2 Phillips	0.343 in.	12	1,000	26 lb.	
1768YZ	10 x 6 in.	#2 Phillips	0.343 in.	12	1,000	32 lb.	
B10450LYZ	10 x 4 1/2 in.	#2 LOX®	0.431 in.	12	1,000	25 lb.	
Clear Zinc							
168Z	6 x 1 in.	#2 Phillips	0.325 in.	15	10,000	32 lb.	
268Z	6 x 1 1/8 in.	#2 Phillips	0.325 in.	15	10,000	34 lb.	
368Z	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	31 lb.	
468Z	6 x 1 5/8 in.	#2 Phillips	0.325 in.	15	5,000	24 lb.	
768Z	6 x 2 in.	#2 Phillips	0.325 in.	15	3,500	21 lb.	
968Z	8 x 2 1/2 in.	#2 Phillips	0.325 in.	15	2,500	24 lb.	
1168Z	8 x 3 in.	#2 Phillips	0.343 in.	12	2,000	23 lb.	
C168Z	6 x 1 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	Collated

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### Bugle Head, Fine Thread Drywall Screws - Exterior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel







Description	Attaches gypsum board, sheathing, and insu	ılation board to light-gauge steel or wood.
Specifications	Size   Gauge: #6 to #10 Length: 1 in. to 6 in. Head Type: Bugle Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard®	Quality Assurance: Grabber <sup>®</sup> 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 C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs</li> <li>1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel</li> </ul>	<ul> <li>Steel or wood cabinets through single- layer gypsum board to light-gauge steel studs or wood</li> <li>OSB or plywood to light-gauge steel or wood</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 4,000 RPM.</li> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Fine thread, 15 threads per inch, is ideal for light-gauge steel applications.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Grabber's #2 Phillips recess is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> </ul>	<ul> <li>The bugle head is designed to seat quickly and easily into gypsum board, creating a flush surface and easy finishing.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

#### Bugle Head, Fine Thread Drywall Screws - Exterior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
GrabberGard <sup>®</sup>	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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#6	15	25	0.0188 in.	33 lbs.	60 lbs.
	15	20	0.0346 in.	61 lbs.	151 lbs.
#8	15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.
#10	12	25	0.0188 in.	46 lbs.	71 lbs.
		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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

B D1 D2

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#6	0.325 in.	#2 Phillips	0.091 in.	0.138 in.	15
#8	0.321 in.	#2 Phillips	0.114 in.	0.164 in.	15
#10	0.343 in.	#2 Phillips	0.130 in.	0.190 in.	12

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

#### Bugle Head, Fine Thread Drywall Screws - Exterior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gra	ay						
168RG	6 x 1 in.	#2 Phillips	0.325 in.	15	10,000	32 lb.	
268RG	6 x 1 1/8 in.	#2 Phillips	0.325 in.	15	10,000	34 lb.	
368RG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	31 lb.	
368RG8	8 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	40 lb.	
468RG	6 x 1 5/8 in.	#2 Phillips	0.325 in.	15	5,000	24 lb.	
768RG	6 x 2 in.	#2 Phillips	0.325 in.	15	5,000	21 lb.	
1268RG	10 x 3 1/2 in.	#2 Phillips	0.343 in.	12	1,000	19 lb.	
1368RG	10 x 4 in.	#2 Phillips	0.343 in.	12	1,000	22 lb.	
1568RG	10 x 5 in.	#2 Phillips	0.343 in.	12	1,000	26 lb.	
1768RG	10 x 6 in.	#2 Phillips	0.343 in.	12	1,000	32 lb.	
C368RG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	Colleted
C368RG8	8 x 1 1/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	CUILALEU

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.

Bugle Head, Fine Thread Drywall Screws - Exterior PS1052 USA-ENG/Rev. 02-25

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## Bugle Head, Hi-Lo Thread Drywall Screws – Interior

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel



		PhillipsBugle HeadImage: Constraint of the second se
Description	Attaches gypsum board to light-gauge steel	or wood.
Specifications	Size   Gauge: #6 to #8 Length: 1 1/4 in. to 3 in. Head Type: Bugle Recess Type: #2 Phillips Thread Type: Hi-Lo Alternating Finish: Phosphate	Quality Assurance: Grabber <sup>®</sup> 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 C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs</li> <li>1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel</li> </ul>	<ul> <li>Steel or wood cabinets through single-layer gypsum board to light-gauge steel studs or wood</li> <li>OSB or plywood to light-gauge steel or wood</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #8, up to 4,000 RPM.</li> <li>For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Hi-Lo Alternating threads quickly penetrate light-gauge steel or wood.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> </ul>	<ul> <li>Grabber's #2 Phillips recess is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>The bugle head is designed to seat quickly and easily into gypsum board, creating a flush surface and easy finishing.</li> </ul>

# Bugle Head, Hi-Lo Thread Drywall Screws - Interior

Gypsum Board, Sheathing, and Insulation **Board to Light-Gauge Steel** 



Standard
Corrosion
<b>Test Results</b>

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#6	18 Hi-Lo	25	0.0188 in.	33 lbs.	60 lbs.
		20	0.0346 in.	61 lbs.	151 lbs.
#7	16 Hi-Lo	25	0.0188 in.	36 lbs.	63 lbs.
		20	0.0346 in.	67 lbs.	158 lbs.
#8	15 Hi-Lo -	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.

<sup>1</sup>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

**Produc** Dimension

t s	Screw Gauge	B Head Dia.	Recess	D1 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
	#6	0.321 in.	#2 Phillips	0.153 in.	0.120 in.	18 Hi-Lo
	#7	0.321 in.	#2 Phillips	0.157 in.	0.126 in.	16 Hi-Lo
	#8	0.321 in.	#2 Phillips	0.177 in.	0.142 in.	15 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
368HL	6 x 1 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	8,000	31 lb.	
768HL	7 x 2 in.	#2 Phillips	0.325 in.	16 Hi-Lo	3,500	21 lb.	
868HL	7 x 2 1/4 in.	#2 Phillips	0.325 in.	16 Hi-Lo	3,000	23 lb.	
968HL	8 x 2 1/2 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,500	24 lb.	
1168HL	8 x 3 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,000	23 lb.	

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.

Bugle Head, Hi-Lo Thread Drywall Screws - Interior PS1018 USA-ENG/Rev. 02-25

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# Scavenger<sup>®</sup> Head, Fine Thread Drywall Screws Gypsum Board to Light-Gauge Steel or Wood



		$\overrightarrow{Fillips} = \overrightarrow{Fillips} = F$
Description	Attaches gypsum board to light-gauge steel	or wood.
Specifications	Size   Gauge: #6 Length: 1 in. to 1 5/8 in. Head Type: Scavenger <sup>®</sup> Recess Type: #2 Phillips Thread Type: Fine Thread Finish: Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs</li> <li>1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel</li> </ul>	<ul> <li>Light-gauge steel studs, runners, furring and Z-furring channels</li> <li>1 in. coreboard to steel angle runners in solid partition</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #6, up to 4,000 RPM.</li> <li>For gypsum board, the Scavenger<sup>®</sup> head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Fine thread, 15 threads per inch, is ideal for light-gauge steel applications.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Super-sharp Vector Point<sup>™</sup> starts and drives up to 40% faster than most other fine thread screws.</li> </ul>	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>The unique Scavenger<sup>®</sup> head design won't tear the drywall as it seats, making your finishing job much easier without paper burrs.</li> </ul>

#### Scavenger<sup>®</sup> Head, Fine Thread Drywall Screws

Gypsum Board to Light-Gauge Steel or Wood



Chandand									
Corrosion	Finish	Tes	st	Sta	ndard/Pro	tocol I	Results		
Test Results	Phosphate	sphate Salt Spray		AST	M B117	2	4 hrs., no rec	lrust	
	Note: Salt Spray T industry-wide as specific periods of	Festing (SST) results an effective tool for ( f time. For more inforn	are not intende comparing diffe nation about cor	d to predict corros rent metals and di rrosion resistance,	ion in real-wo fferent metal see the Grabb	rld environmer coatings in a ti er Guide to Corr	nts. The ASTM B11 ghtly controlled, osion Resistance	7 standa highly ci for Faste	ard for SST is recognize orrosive environment fo eners.
Pull-Out Test Data <sup>1</sup>	Screw Gaug	je TPI²	Ste	eel Gauge	Design T	hickness	Tension		Shear
	# <b>L</b>	10	25		0.0188 in	l.	33 lbs.		60 lbs.
	#0	10	20		0.0346 ir	1.	61 lbs.		151 lbs.
	<sup>1</sup> Test data values r test standards. Pl	reported are allowable ease contact Grabber	e as determined for detailed info	by calculations and prmation about test	d industry esta ing performed	blished test cri for specific pro	teria, such as ICC- oducts or if ultimat	ES Acce e values	ptance Criteria and ASTN are needed.
Sneet Steel Gauges	Gauge No.		Γ	Design Thickne	ess		Millimeter I	Equiva	lent
	25		0.0188 in.				0.4775 mm		
	20			0.0346 in.			0.8788 mm		
	B (57)		ANNA	B	D1		THE		
Product Dimensions	Screw Gaug	je B Head C	)ia. F	Recess	D1 Mir	nor Dia.	D2 Major Di	a.	TPI <sup>2</sup>
		0.321 in	. #	≠2 Phillips	0.091	in.	0.138 in.		15
	#0	0.325 in	. #	¢2 Phillips	0.091	in.	0.138 in.		15
	<sup>2</sup> TPI stands for Thi	reads Per Inch. This is	a count of the n	umber of threads pe	er inch measur	ed along the le	ngth of a fastener.		
General Wood Substrate		Shoor	Tonsilo	Withd	Irowal -		Lateral Resistance <sup>2</sup>		nce²
Load Data	ltem No.	Strength <sup>1</sup>	Strength	<sup>1</sup> Capac	Capacity <sup>2</sup> 1/2 in. Gy		osum Panel	5/8 i	n. Gypsum Panel
	368SV	184 ksi	227 ksi	436 lt penet	of. / in. tration	133 lbf. / f	astener	214	lbf. / fastener

<sup>1</sup>Testing per AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute.
<sup>2</sup>Testing per ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials.

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
168S	6 x 1 in.	#2 Phillips	0.325 in.	15	10,000	33 lb.	
268S	6 x 1 1/8 in.	#2 Phillips	0.325 in.	15	10,000	34 lb.	Ctrocker® point
368S	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	31 lb.	Streaker ~ point
468S	6 x 1 5/8 in.	#2 Phillips	0.325 in.	15	5,000	25 lb.	
368SV	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	8,000	30 lb.	Vector Point™
C368S	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	Collated, Streaker® point
C368SV	6 x 1 1/4 in.	#2 Phillips	0.325 in.	15	1,000	5 lb.	Collated, Vector Point™

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#### Scavenger® Head, Fine Thread Drywall Screws PS1029 USA-ENG/Rev. 02-25

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## Scavenger<sup>®</sup> Head, Hi-Lo Thread, Drywall Screws

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel or Wood



		$\overrightarrow{Phillips} = \overrightarrow{Scavenger^{\oplus}} \overrightarrow{Hi-Lo} = \overrightarrow{Streaker^{\oplus}}$
Description	Attaches gypsum board to light-gauge stee	lor wood.
Specifications	Size   Gauge: #6 to #8 Length: 1 in. to 3 in. Head Type: Scavenger <sup>®</sup> Recess Type: #2 Phillips Thread Type: Hi-Lo Alternating Finish: Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #8, up to 4,000 RPM.</li> <li>For gypsum board, the Scavenger<sup>®</sup> head is fully seated when the screw is below the surface of the wallboard, in accordance with Section 7.2.2 of ASTM C1002.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 1/2 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or failure of the gypsum board.</li> </ul>
Features	<ul> <li>Fine thread, 15 threads per inch, is ideal for light-gauge steel applications.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> </ul>	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>The unique Scavenger<sup>®</sup> head design won't tear the drywall as it seats, making your finishing job much easier without paper burrs.</li> </ul>

## Scavenger<sup>®</sup> Head, Hi-Lo Thread, Drywall Screws

F

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel or Wood



Standard	
Corrosion	
Test Results	

inish	Test	Standard/Protocol	Results
hosphate	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#4	10	25	0.0188 in.	33 lbs.	60 lbs.
#0 10	10	20	0.0346 in.	61 lbs.	151 lbs.
#7	18	25	0.0188 in.	36 lbs.	63 lbs.
		20	0.0346 in.	67 lbs.	158 lbs.
#8	18 -	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.

<sup>1</sup>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

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
#6	0.321 in.	#2 Phillips	0.153 in.	0.120 in.	18 Hi-Lo
#7	0.321 in.	#2 Phillips	0.157 in.	0.126 in.	18 Hi-Lo
#8	0.321 in.	#2 Phillips	0.177 in.	0.142 in.	18 Hi-Lo

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

General Wood Substrate Load Data

	Choor	Toncilo	Withdrawal	Lateral Resistance <sup>2</sup>		
ltem No.	Strength <sup>1</sup>	Strength <sup>1</sup>	Capacity <sup>2</sup>	1/2 in. Gypsum Panel	5/8 in. Gypsum Panel	
368SHL	203 ksi	202 ksi	458 lbf. / in. penetration	125 lbf. / fastener	217 lbf. / fastener	

<sup>1</sup>Testing per AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute.
<sup>2</sup>Testing per ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials.

## Scavenger® Head, Hi-Lo Thread, Drywall Screws

Gypsum Board, Sheathing, and Insulation Board to Light-Gauge Steel or Wood



Ordering Information and Product Options

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
168SHL	6 x 1 in.	#2 Phillips	0.325 in.	18 Hi-Lo	10,000	33 lb.	
268SHL	6 x 1 1/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	10,000	36 lb.	
368SHL	6 x 1 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	8,000	30 lb.	
468SHL	6 x 1 5/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	5,000	25 lb.	
768SHL	7 x 2 in.	#2 Phillips	0.325 in.	18 Hi-Lo	3,500	24 lb.	
868SHL	7 x 2 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	3,000	24 lb.	
968SHL	8 x 2 1/2 in.	#2 Phillips	0.325 in.	18 Hi-Lo	2,500	24 lb.	
1168SHL	8 x 3 in.	#2 Phillips	0.325 in.	18 Hi-Lo	2,000	24 lb.	
C268SHL	6 x 1 1/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	1,000	5 lb.	
C368SHL	6 x 1 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	1,000	5 lb.	Collated
C468SHL	6 x 1 5/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	1,000	5 lb.	

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Scavenger® Head, Hi-Lo Thread, Drywall Screws PS1030 USA-ENG/Rev. 02-25

GRABBER CONSTRUCTION PRODUCTS, INC. 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

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corrosion in most exterior applications.

Light Outgo		
		$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Description	Attaches high-density sheathing and cemer	nt board to light-gauge steel or wood.
Specifications	Size   Gauge: #8 Length: 1 1/4 in. to 2 3/8 in. Head Type: Flat Wafer Head Recess Type: #2 LOX <sup>®</sup> , T25 Star Thread Type: Fine Thread Finish: GrabberGard <sup>®</sup>	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Cement board to light-gauge steel or wood</li> <li>High-density board to light-gauge steel or wood</li> </ul>	<ul> <li>Tile backers to light-gauge steel or wood</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #8, up to 4,000 RPM.</li> <li>The screw head is fully seated when it is flush with the surface of the material.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>The fastener should penetrate the wood at least 3/4 in., in accordance with AWC-NDS for wood construction.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Flat wafer head design provides for a larger load-bearing surface and better holding power.</li> <li>Underhead nibs facilitate seating and minimize strip-out.</li> <li>LOX<sup>®</sup> recess was designed for high-torque applications and will not strip out like most other recesses.</li> </ul>	<ul> <li>Grabber's T25 Star recess provides consistent, reliable performance in wood to heavy-gauge steel applications.</li> <li>Grabber's extra-sharp Streaker<sup>®</sup> point starts immediately and is much less likely to flop over.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against</li> </ul>

#### Flat Wafer Head Streaker<sup>®</sup>- Exterior High-Density Board, Cement Board to Light-Gauge Steel or Wood



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#8 15	10	25	0.0188 in.	39 lbs.	66 lbs.
	10	20	0.0346 in.	72 lbs.	164 lbs.

<sup>1</sup>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

Π1

D2

Product
Dimensions

Π1

t s	Screw Size	B Head Diameter	Recess	D1 Minor Diameter	D2 Major Diameter	TPI <sup>2</sup>
	"0	.372 in.	#2 LOX®	.114 in.	.164 in.	15
	#0	.372 in.	T25 Star	.114 in.	.164 in.	15

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gra	ay						
GHS8114LG	8 x 1 1/4 in.	#2 LOX®	.372 in.	15	5,000	28 lb.	
GHS8158LG	8 x 1 5/8 in.	#2 LOX®	.372 in.	15	4,000	27 lb.	
GHS8238LG	8 x 2 3/8 in.	#2 LOX®	.372 in.	15	2,000	31 lb.	
CGHS8114LG	8 x 1 1/4 in.	#2 LOX®	.372 in.	15	1,000	5 lb.	
CGHS8158LG	8 x 1 5/8 in.	#2 LOX®	.372 in.	15	1,000	5 lb.	Colleted
CGHS8238LG	8 x 2 3/8 in.	#2 LOX®	.372 in.	15	1,000	5 lb.	Collaled
CGHS8158TG	8 x 1 5/8 in.	T25 Star	.372 in.	15	1,000	5 lb.	

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 Grabber Pro for more information.

Flat Wafer Head Streaker® – Exterior PS1035 USA-ENG/Rev. 02-25

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# Modified Truss Head Streaker<sup>®</sup> – Interior



Lath or Light-Gauge Steel-to-Steel Framing

		$\begin{tabular}{ c c c c c } \hline \hline$
Description	Lath or light-gauge steel-to-steel framing.	
Specifications	Size   Gauge: #7 to #10 Length: 9/16 in. to 4 in. Head Type: Modified Truss Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: Phosphate, Clear Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 and C1002 performance requirements.
Applications	<ul><li>Light-gauge steel framing</li><li>K-lath installation</li></ul>	<ul> <li>Light-gauge steel-to-steel applications</li> </ul>
Installation	<ul> <li>Suggested screw gun specification for optimal performance: sizes #7 to #10, up to 4,000 RPM.</li> <li>The Modified Truss head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement resulting in less wobble or strip-out.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> </ul>	<ul> <li>The super-sharp Vector Point<sup>™</sup> starts and drives up to 40% faster than most other fine thread lath and steel framing screws.</li> <li>Certain items have underhead serrations that lock tight in steel-to- steel applications.</li> </ul>

#### Modified Truss Head Streaker<sup>®</sup> - Interior Lath or Light-Gauge Steel-to-Steel Framing



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	20	25	0.0188 in.	36 lbs.	63 lbs.
		20	0.0346 in.	67 lbs.	158 lbs.
#8	15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.
#10	12-15	25	0.0188 in.	46 lbs.	71 lbs.
		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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





Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#7	0.447 in.	#2 Phillips	.098 in.	0.151 in.	20
#0	0.447 in.	#2 Phillips	.109 in.	0.164 in.	15
#0	0.447 in.	#2 Phillips	.109 in.	0.164 in.	20
"10	0.447 in.	#2 Phillips	.130 in.	0.190 in.	12
#10	0.447 in.	#2 Phillips	.130 in.	0.190 in.	15

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

#### Modified Truss Head Streaker<sup>®</sup> - Interior Lath or Light-Gauge Steel-to-Steel Framing



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
31V	7 x 9/16 in.	#2 Phillips	0.447 in.	20	10,000	40 lb.	Underhead serrations, Vector Point™
32	8 x 1 in.	#2 Phillips	0.447 in.	15	5,000	29 lb.	
3138	8 x 1 1/2 in.	#2 Phillips	0.447 in.	15	3,000	24 lb.	
C31DV	7 x 9/16 in.	#2 Phillips	0.364 in.	20	2,000	5 lb.	Collated, Underhead serrations, Vector Point™
Clear Zinc							
31ZV	7 x 9/16 in.	#2 Phillips	0.447 in.	20	10,000	40 lb.	Underhead serrations, Vector Point™
31Z	8 x 9/16 in.	#2 Phillips	0.447 in.	20	10,000	42 lb.	
31LZ	8 x 3/4 in.	#2 Phillips	0.447 in.	15	8,000	35 lb.	
32Z	8 x 1 in.	#2 Phillips	0.447 in.	15	5,000	29 lb.	
G32Z	8 x 1 in.	#2 Phillips	0.447 in.	15	10,000	58 lb.	
33Z	8 x 1 1/4 in.	#2 Phillips	0.447 in.	15	5,000	34 lb.	-
3119Z	8 x 3/4 in.	#2 Phillips	0.447 in.	15	8,000	39 lb.	
3138Z	8 x 1 1/2 in.	#2 Phillips	0.447 in.	15	3,000	24 lb.	
FS3138Z	8 x 1 1/2 in.	#2 Phillips	0.447 in.	15	3,000	25 lb.	
3140Z	8 x 1 5/8 in.	#2 Phillips	0.447 in.	15	3,000	25 lb.	
3145Z	8 x 1 3/4 in.	#2 Phillips	0.447 in.	15	4,000	36 lb.	
3151Z	8 x 2 in.	#2 Phillips	0.447 in.	15	2,500	25 lb.	
3163Z	8 x 2 1/2 in.	#2 Phillips	0.447 in.	15	2,500	29 lb.	
3176Z	8 x 3 in.	#2 Phillips	0.447 in.	15	2,500	15 lb.	
311038Z	10 x 1 1/2 in.	#2 Phillips	0.447 in.	12	4,000	38 lb.	
311019Z	10 x 3/4 in.	#2 Phillips	0.447 in.	12	5,000	24 lb.	
311025Z	10 x 1 in.	#2 Phillips	0.447 in.	12	4,000	25 lb.	
31102Z	10 x 4 in.	#2 Phillips	0.447 in.	12	1,000	25 lb.	
3189Z	10 x 3 1/2 in.	#2 Phillips	0.447 in.	12	1.000	22 lb.	-

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Modified Truss Head Streaker® – Interior PS1024 USA-ENG/Rev. 02-25

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<b>Modified 1</b> Streaker® Lath or Light	<b>russ Head</b> • <b>- Exterior</b> -Gauge Steel-to-Steel Framing	<b>GRABBER</b> CONSTRUCTION PRODUCTS		
Description	Lath or light-gauge steel-to-steel framing.	Phillips Modified Streaker® Point		
Specifications	Size   Gauge: #8 Length: 9/16 in. to 1 1/2 in. Head Type: Modified Truss Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard®	Quality Assurance: Grabber <sup>®</sup> 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 and C1002 performance requirements.		
Applications	<ul><li>Light-gauge steel framing</li><li>K-lath installation</li></ul>	<ul> <li>Light-gauge steel-to-steel applications</li> </ul>		
Installation	<ul> <li>Suggested screw gun specification for optimal performance: size #8, up to 4,000 RPM.</li> <li>The Modified Truss head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>		
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> </ul>	<ul> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> <li>Certain items have underhead serrations that lock tight in steel-to-steel applications.</li> </ul>		

# Modified Truss Head Streaker<sup>®</sup> - Exterior

Lath or Light-Gauge Steel-to-Steel Framing



Standard Corrosion	Finish Test		S	Standard/Protocol			
<b>Test Results</b>	GrabberGard®	Salt Spra	iy A	STM B117	1,000 hrs., no red	rust	
	Note: Salt Spray Testing industry-wide as an effo specific periods of time.	) (SST) results are not ective tool for compari For more information al	intended to predict corr ng different metals and pout corrosion resistand	rosion in real-world environm different metal coatings in a ce, see the Grabber Guide to Co	ents. The ASTM B117 star tightly controlled, highly rrosion Resistance for Fa	ndard for SST is recognized corrosive environment for steners.	
Pull-Out Test Data <sup>1</sup>	Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear	
	#8	15	25	0.0188 in.	39 lbs.	66 lbs.	
	#0	15	20	0.0346 in.	72 lbs.	164 lbs.	
Sheet Steel Gauges	Gauge No.		Design Thick	ness	products or if ultimate values are needed. Millimeter Equivalent		
	25		0.0188 in.	0.0188 in.			
	20		0.0346 in.	0.0346 in.			
Droduct		I D2	1400				
Product Dimensions	Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>	
	#8	0.447 in.	#2 Phillips	0.109 in.	0.164 in.	15	
	<sup>2</sup> TPI stands for Threads F	Per Inch. This is a count	of the number of threads	s per inch measured along the	length of a fastener.		

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gra	ау						
31RG	8 x 9/16 in.	#2 Phillips	0.447 in.	15	10,000	43 lb.	
32RG	8 x 1 in.	#2 Phillips	0.447 in.	15	5,000	30 lb.	
33RG	8 x 1 1/4 in.	#2 Phillips	0.447 in.	15	5,000	34 lb.	
3138RG	8 x 1 1/2 in.	#2 Phillips	0.447 in.	15	5,000	24 lb.	

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.

Modified Truss Head Streaker<sup>®</sup> - Exterior PS1056 USA-ENG/Rev. 02-25

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Hex Head Streal	<b>(er</b> ®
Light-Gauge Steel Fra	ming
Â	



		$\begin{tabular}{ c c c c c } \hline \hline & $
Description	Light-gauge sheet steel and framing.	
Specifications	Size   Gauge: #8 and #10 Length: 1/2 in. to 1 1/2 in. Head Type: Hex Head, Slotted Hex Head Recess Type: 1/4 in. to 5/16 in. Hex Thread Type: Fine, Single Lead Finish: Clear Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Light-gauge steel studs to door frame jamb anchor clips</li> </ul>	<ul><li>Sheet steel and duct assembly</li><li>Light-gauge steel-to-steel applications</li></ul>
Installation	<ul> <li>Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 4,000 RPM.</li> <li>The hex head is fully seated when the bottom of the head is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Hex washer head design provides for maximum torque and holding power in light-gauge steel-to-steel applications.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light- gauge steel quickly and easily.</li> </ul>	<ul> <li>The hex washer head provides a larger load-bearing surface for better holding power.</li> <li>Certain items have slotted heads to allow tightening with a flat head screwdriver.</li> <li>Certain items have white painted heads.</li> </ul>

## Hex Head Streaker®

GRAB	BER
CONSTRUCTION	PRODUCTS

Light-Gauge Steel Framing

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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#8	15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.
#10	12	25	0.0188 in.	46 lbs.	71 lbs.
		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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



Product Dimensions

Screw Gauge	B Head Dia.	Drive Type	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	0.335 in.	1/4 in. Hex	0.108 in.	0.164 in.	15
#0	0.335 in.	1/4 in. Hex	0.109 in.	0.164 in.	15
#0	0.335 in.	1/4 in. Hex	0.113 in.	0.164 in.	15
	0.335 in.	1/4 in. Hex	0.119 in.	0.164 in.	15
	0.399 in.	5/16 in. Hex	0.118 in.	0.190 in.	12
#10	0.399 in.	5/16 in. Hex	0.127 in.	0.190 in.	12
	0.399 in.	5/16 in. Hex	0.130 in.	0.190 in.	12

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



Ordering Information and Product Options

ltem No.	Size	Drive Type	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
08075HSP	8 x 3/4 in.	1/4 in. Hex	.335 in.	15	2,000	46 lb.	
08100HSP	8 x 1 in.	1/4 in. Hex	.335 in.	15	7,500	41 lb.	Clatted box bood
08150HSP	8 x 1 1/2 in.	1/4 in. Hex	.335 in.	15	5,000	41 lb.	Stotled liex liedu
08200HSP	8 x 2 in.	1/4 in. Hex	.335 in.	15	5,000	27 lb.	
08200HSPW	8 x 2 in.	1/4 in. Hex	.335 in.	15	5,000	27 lb.	White painted, Slotted hex head
10100HSP	10 x 1 in.	5/16 in. Hex	.399 in.	12	5,000	26 lb.	Slotted hex head
25100Z	8 x 1 in.	1/4 in. Hex	.335 in.	15	7,500	37 lb.	
25SZ	8 x 9/16 in.	1/4 in. Hex	.335 in.	15	10,000	35 lb.	
25SLZ	8 x 9/16 in.	1/4 in. Hex	.335 in.	15	10,000	35 lb.	
SL03	8 x 1/2 in.	1/4 in. Hex	.335 in.	15	10,000	53 lb.	Clatted hav bood
SL10	10 x 3/4 in.	5/16 in. Hex	.399 in.	12	7,500	29 lb.	
SL14	10 x 1 1/2 in.	5/16 in. Hex	.399 in.	12	5,000	36 lb.	
25150Z	8 x 1 1/2 in.	1/4 in. Hex	.335 in.	15	5,000	37 lb.	
25Z	8 x 9/16 in.	1/4 in. Hex	.335 in.	15	10,000	35 lb.	
25ZW	8 x 9/16 in.	1/4 in. Hex	.335 in.	15	10,000	35 lb.	White painted hex head
27Z	8 x 7/8 in.	1/4 in. Hex	.335 in.	15	7,500	41 lb.	

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.

Hex Head Streaker® PS1023 USA-ENG/Rev. 02-25

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# Revised Flat Pan Head Streaker<sup>®</sup> - Interior Light-Gauge Steel-to-Steel Framing

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X-Drive	Revised Flat Pan Head	Streaker® Point

		X-Drive Revised Flat Pan Head Point
Description	Light-gauge steel-to-steel framing.	
Specifications	Size   Gauge: #10 Length: 3/4 in. Head Type: Revised Flat Pan Head Recess Type: X-Drive Thread Type: Fine, Single Lead Finish: Yellow Zinc	Quality Assurance: Grabber <sup>®</sup> 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. Specific fasteners are listed in ICC ESR-5417; please check the report for listed item numbers.
Applications	<ul><li>Light-gauge steel framing</li><li>HVAC and ductwork</li></ul>	<ul> <li>Light-gauge steel-to-steel applications</li> </ul>
Installation	<ul> <li>Suggested screw gun specification for optimal performance: size #10, up to 4,000 RPM.</li> <li>The Revised Flat Pan head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's X-Drive is a precision recess providing for consistent, reliable performance and is less likely to wobble or strip-out.</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> </ul>

#### Revised Flat Pan Head Streaker<sup>®</sup> - Interior Light-Gauge Steel-to-Steel Framing



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Yellow Zinc	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#10	10	25	0.0188 in.	46 lbs.	71 lbs.
#10	10	20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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



Product Dimensions

duct ions	Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#10	0.344 in.	X-Drive	0.130 in.	0.190 in.	18

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Yellow Zinc							
FP101875XSYZ	10 x 3/4 in.	X-Drive	0.364 in.	18	8,000	36 lb.	ICC ESR-5417,
FP101875XSYZ5	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations, Notched upper threads
CFP101875XSYZ	10 x 3/4 in.	X-Drive	0.344 in.	18	1,000	5 lb.	ICC ESR-5417, Collated, 4 Underhead serrations, Notched upper threads

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 Grabber Pro for more information.

Revised Flat Pan Head Streaker® - Interior PS1027 USA-ENG/Rev. 02-25

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# Revised Flat Pan Head Streaker<sup>®</sup> - Exterior Light-Gauge Steel-to-Steel Framing

Size | Gauge: #10

wobble or strip-out.

Description

**Specifications** 





	<b>Length:</b> 3/4 in. <b>Head Type:</b> Revised Flat Pan Head <b>Recess Type:</b> X-Drive, #2 Phillips <b>Thread Type:</b> Fine, Single Lead <b>Finish:</b> GrabberGard <sup>®</sup>	ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul><li>Light-gauge steel framing</li><li>HVAC and ductwork</li></ul>	<ul> <li>Light-gauge steel-to-steel applications</li> </ul>
Installation	<ul> <li>Suggested screw gun specification for optimal performance: size #10, up to 4,000 RPM.</li> <li>The Revised Flat Pan head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement resulting in less wobble or strip-out.</li> <li>Grabber's X-Drive is a precision recess providing for a consistent, reliable performance and is less likely to</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against</li> </ul>

corrosion in most exterior applications.

#### **Revised Flat Pan** Head Streaker<sup>®</sup> - Exterior Light-Gauge Steel-to-Steel Framing



Standard Corrosion **Test Results** 

Finish	Test	Standard/Protocol	Results
GrabberGard <sup>®</sup>	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** Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#10	18	25	0.0188 in.	46 lbs.	71 lbs.
#10		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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





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CT NS	Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#10	0.344 in.	X-Drive	0.130 in.	0.190 in.	18
	#10	0.344 in.	#2 Phillips	0.130 in.	0.190 in.	18

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray	I						
FP101875XSG	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations, Notched upper threads
GrabberGard® Green							
FP101875PSG	10 x 3/4 in.	#2 Phillips	0.344 in.	18	8,000	36 lb.	4 Underhead serrations, Notched upper threads
FP101875XSC3	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations,
FP101875XSC35	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	Notched upper threads
CFP101875XSC3	10 x 3/4 in.	X-Drive	0.344 in.	18	1,000	5 lb.	Collated, 4 Underhead serrations,
CFP101875XSC35	10 x 3/4 in.	X-Drive	0.344 in.	18	1,000	5 lb.	Notched upper threads

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#### Revised Flat Pan Head Streaker® - Exterior PS1058 USA-ENG/Rev. 02-25

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# Pan Head Streaker<sup>®</sup> - Interior

Light-Gauge Steel-to-Steel Framing, HVAC, and Sheet Steel



		$\begin{array}{c} \hline \\ \hline $
Description	Light-gauge steel-to-steel framing, HVAC,	and sheet steel.
Specifications	Size   Gauge: #7 to #10 Length: 7/16 in. to 1 1/2 in. Head Type: Pan Framing Head, Flat Pan Head, Low-Profile Flat Pan Head Recess Type: #2 Phillips, #2 Square, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: Phosphate, Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Light-gauge steel framing</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Sheet steel fabrication, HVAC</li> <li>Light-gauge steel-to-steel applications</li> </ul>
Installation	<ul> <li>Suggested screw gun specification for optimal performance: sizes #7 to #10, up to 4,000 RPM.</li> <li>The head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>The #2 Square is a precision recess designed for secure bit engagement in light-gauge steel-to-steel applications.</li> <li>Grabber's LOX<sup>®</sup> recess was designed for today's screw guns and for applications where high torque is required. LOX<sup>®</sup> will not strip out like</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>The super-sharp Vector Point<sup>™</sup> starts and drives up to 40% faster than most other fine thread lath and steel framing screws.</li> <li>Certain items have underhead serrations that lock tight in steel-to-steel applications.</li> </ul>

most other recesses.

#### Pan Head Streaker<sup>®</sup> - Interior

Light-Gauge Steel-to-Steel Framing, HVAC, and Sheet Steel **GRABBER** CONSTRUCTION PRODUCTS

Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	20	25	0.0188 in.	36 lbs.	63 lbs.
#7		20	0.0346 in.	67 lbs.	158 lbs.
#8	15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.
#10	18	25	0.0188 in.	46 lbs.	71 lbs.
#10		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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

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Product Dimensions В

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D1 D2

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#7	0.305 in.	#2 Phillips	0.098 in.	0.151 in.	20
#8	0.314 in.	#2 Square	0.109 in.	0.164 in.	15
#10	0.364 in.	#2 LOX®	0.137 in.	0.190 in.	18

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

# Pan Head Streaker® - Interior

Light-Gauge Steel-to-Steel Framing, HVAC, and Sheet Steel



ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
23V	7 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Vector Point™
C23V	7 x 7/16 in.	#2 Phillips	0.305 in.	20	1,000	5 lb.	Collated, Vector Point™
Clear Zinc							
23VZ	7 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Vector Point™
21Z	8 x 9/16 in.	#2 Square	0.314 in.	15	10,000	32 lb.	
908QZ	8 x 1 1/2 in.	#2 Square	0.314 in.	15	5,000	43 lb.	
Yellow Zinc							
FP101875SLYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	36 lb.	Flat Pan Head
FLP101875SLYZ	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	35 lb.	Low-Profile Flat Pan Head
CFP101875SLYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, Flat Pan Head
CFLP101875SLYZ	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, Low-Profile Flat Pan Head

**Ordering Information and Product Options** 

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.

Pan Head Streaker® - Interior PS1025 USA-ENG/Rev. 02-25

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<b>Pan Head S</b> Light-Gauge HVAC, and Sh	<b>Streaker<sup>®</sup> - Exterior</b> Steel-to-Steel Framing, leet Steel	<b>GRABBER</b> CONSTRUCTION PRODUCTS				
Description	Light-gauge steel-to-steel framing, HVAC,	$\begin{array}{c} \hline \\ \hline $				
Specifications	Size   Gauge: #7 and #10 Length: 7/16 in. to 3/4 in. Head Type: Pan Framing Head, Flat Pan Head, Low-Profile Flat Pan Head Recess Type: #2 Phillips, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup>	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.				
Applications	<ul> <li>Light-gauge steel framing</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Sheet steel fabrication, HVAC</li> <li>Light-gauge steel-to-steel applications</li> </ul>				
Installation	<ul> <li>Suggested screw gun specification for optimal performance: sizes #7 and #10, up to 4,000 RPM.</li> <li>The head is fully seated when the bearing surface is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>				
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Grabber's LOX<sup>®</sup> recess was designed for today's screw guns and for applications where high torque is required. LOX<sup>®</sup> will not strip out like most other recesses.</li> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> </ul>	<ul> <li>The super-sharp Vector Point<sup>™</sup> starts and drives up to 40% faster than most other fine thread lath and steel framing screws.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>				

## Pan Head Streaker<sup>®</sup> - Exterior

Light-Gauge Steel-to-Steel Framing, HVAC, and Sheet Steel

Finish

GrabberGard®

**Screw Gauge** 

#7

#10

Test

TPI<sup>2</sup>

20

18

Salt Spray



1,000 hrs., no red rust

Tension

36 lbs.

67 lbs.

46 lbs.

84 lbs.

D1 D2

Shear

63 lbs.

158 lbs.

71 lbs.

177 lbs.

Results

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<sup>1</sup>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.

Standard/Protocol

**Design Thickness** 

0.0188 in.

0.0346 in.

0.0188 in.

0.0346 in.

**ASTM B117** 

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.

**Steel Gauge** 

25

20

25

20

Sheet Steel Gauges

Standard

Corrosion Test Results

**Pull-Out Test** 

Data

Gauge No.	Design Thickness	Millimeter Equivalent
25	0.0188 in.	0.4775 mm
20	0.0346 in.	0.8788 mm



Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#7	0.305 in.	#2 Phillips	0.098 in.	0.151 in.	20
<i>µ</i> 10	0.364 in.	#2 Phillips	0.130 in.	0.190 in.	18
#10	0.364 in.	#2 LOX®	0.137 in.	0.190 in.	18

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray	1						
23VRG	7 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Vector Point™
23FRG	7 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	
FP101875PSG	10 x 3/4 in.	#2 Phillips	0.364 in.	18	8,000	36 lb.	
FLP101875SLRG	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	35 lb.	Low-Profile Flat Pan Head
CFLP101875SLRG	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, Low-Profile Flat Pan Head

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Pan Head Streaker<sup>®</sup> - Exterior PS1057 USA-ENG/Rev. 02-25

5255 W 11000 N., STE 100

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#### Flat Head Streaker<sup>®</sup> - Interior

Sheathing, Subfloor, and Plywood to Light-Gauge Steel



		$\begin{array}{c} \hline \\ \hline $
Description	Sheathing, subfloor, and plywood to light-g	auge steel.
Specifications	Size   Gauge: #7 to #10 Length: 1 1/2 in. to 2 3/4 in. Head Type: Flat Head Recess Type: #2 Phillips, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Plywood or OSB to light-gauge steel runners</li> </ul>	<ul> <li>Sheathing to light-gauge steel studs</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #7 to #10, up to 4,000 RPM.</li> </ul>	<ul> <li>The head is fully seated when the top of the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Grabber's LOX<sup>®</sup> recess was designed for today's screw guns and for applications where high torque is required. LOX<sup>®</sup> will not strip out like most other recesses.</li> <li>The flat head design provides better holding power in sheathing to light-gauge steel applications.</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>Plylite's DrawTite shank design lets the screw slide through and engage the steel stud, preventing sheathing ride-up.</li> <li>The Unique Tapping Point penetrates through sheathing and through the steel substrate with ease.</li> </ul>

# Flat Head Streaker $^{\ensuremath{\ensuremath{^\circ}}}$ - Interior

Sheathing, Subfloor, and Plywood to Light-Gauge Steel



Stallnaln	
Corrosion	
<b>Test Results</b>	

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Finish	Test	Standard/Protocol	Results
Clear Zinc	Salt Spray	ASTM B118	12 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	20	25	0.0188 in.	36 lbs.	63 lbs.
#/ 20	20	20	0.0346 in.	67 lbs.	158 lbs.
<b>10</b>	10	25	0.0188 in.	39 lbs.	66 lbs.
#0	15	20	0.0346 in.	72 lbs.	164 lbs.
<i>щ</i> 10	10	25	0.0188 in.	46 lbs.	71 lbs.
#10	10	20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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



Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#7	0.291 in.	#2 Phillips	0.120 in.	0.151 in.	16
#8	0.354 in.	#2 LOX®	0.120 in.	0.164 in.	14
#10	0.354 in.	#2 LOX®	0.137 in.	0.190 in.	14

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

#### Flat Head Streaker<sup>®</sup> - Interior Sheathing, Subfloor, and Plywood to Light-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Yellow Zinc							
GPLY150	7 x 1 1/2 in.	#2 Phillips	0.291 in.	16	7,500	43 lb.	
GPLY200	7 x 2 in.	#2 Phillips	0.291 in.	16	5,000	38 lb.	Plylite Unique tapping point
GPLY275	7 x 2 3/4 in.	#2 Phillips	0.291 in.	16	3,000	30 lb.	
S8150JBWYZ	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	5,000	36 lb.	
S8175JBWYZ	8 x 1 3/4 in.	#2 LOX®	0.354 in.	14	4,000	34 lb.	
CS8175LYZ	8 x 1 3/4 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	
CS8150JBWYZ	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	
CS8200JBWYZ	8 x 2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	Colleted
CS8250JBWYZ	8 x 2 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	Culldleu
CS10200JBWYZ	10 x 2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	
CS8150L3YZ	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	
Clear Zinc							
S8150JBWZ	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	5,000	36 lb.	
CS8150JBWZ	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	Collatod
CS8200JBWZ	8 x 2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	GUIIdIEU

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.

Flat Head Streaker® - Interior PS1021 USA-ENG/Rev. 02-25

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# Light-Gauge Steel | Sheathing, Subfloor, and Plywood to Light-Gauge Steel

# Flat Head Streaker<sup>®</sup> - Exterior

Sheathing, Subfloor, and Plywood to Light-Gauge Steel



		$\begin{tabular}{ c c c c c } \hline \hline & $
Description	Sheathing, subfloor, and plywood to light-ga	uge steel.
Specifications	Size   Gauge: #8 Length: 1 1/2 in. to 2 in. Head Type: Flat Head Recess Type: #2 LOX <sup>®</sup> , T25 Star Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup> , Stainless Steel	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Plywood or OSB to light-gauge steel runners</li> </ul>	<ul> <li>Sheathing to light-gauge steel studs</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth sensitive nose piece. Suggested screw gun specification for optimal performance: size #8, up to 4,000 RPM.</li> <li>The head is fully seated when the top of the head is flush with the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>Grabber's LOX<sup>®</sup> recess was designed for today's screw guns and for applications where high torque is required. LOX<sup>®</sup> will not strip out like most other recesses.</li> <li>Grabber's T25 Star recess provides a consistent, reliable performance in wood to light-gauge steel applications.</li> <li>The flat head design provides better holding power in sheathing to light- gauge steel applications.</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

#### Flat Head Streaker<sup>®</sup> - Exterior Sheathing, Subfloor, and Plywood to

Sheathing, Subfloor, and Plywood to Light-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
GrabberGard <sup>®</sup>	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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#0	15	25	0.0188 in.	39 lbs.	66 lbs.
#0	15	20	0.0346 in.	72 lbs.	164 lbs.

<sup>1</sup>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

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Gauge No.	Design Thickness	Millimeter Equivalent
25	0.0188 in.	0.4775 mm
20	0.0346 in.	0.8788 mm





Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#8	0.354 in.	#2 LOX®	0.120 in.	0.164 in.	14
	0.354 in.	T25 Star	0.120 in.	0.164 in.	14

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray							
CS8150LRG	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	
CS8175LRG	8 x 1 3/4 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	Colloted
CS8200LRG	8 x 2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	Collalen
CS8200TRG	8 x 2 in.	T25 Star	0.354 in.	14	1,000	5 lb.	
410 Stainless Steel							
CS8150SSZL	8 x 1 1/2 in.	#2 LOX®	0.354 in.	14	1,000	5 lb.	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.

Flat Head Streaker® - Exterior PS1055 USA-ENG/Rev. 02-25

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# Trim Head Streaker<sup>®</sup> - Interior

Trim to Light-Gauge Steel



		$\overbrace{Square}^{K} Frim Head \xrightarrow{Streaker^{\circ}}_{Point}$
Description	Wood, steel or plastic trim to light-gauge st	eel.
Specifications	Size   Gauge: #7 to #10 Length: 1 in. to 4 in. Head Type: Trim Head Recess Type: #1 Square Thread Type: Fine, Single Lead Finish: Clear Zinc, Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Attaches wood, steel or plastic trim over light-gauge steel studs and track</li> </ul>	single or double layer gypsum board to
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #7 to #10, up to 4,000 RPM.</li> <li>The trim head is fully seated when the top of the head is beneath the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>The No. 1 Square recess is designed for secure bit engagement in trim to wood or light-gauge steel applications.</li> <li>The trim head leaves a less-noticeable, finished surface.</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light- gauge steel quickly and easily.</li> </ul>

#### Trim Head Streaker<sup>®</sup> - Interior

Trim to Light-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	20	25	0.0188 in.	36 lbs.	63 lbs.
#/	20	20	0.0346 in.	67 lbs.	158 lbs.
#0	15	25	0.0188 in.	39 lbs.	66 lbs.
#8		20	0.0346 in.	72 lbs.	164 lbs.
#10	18	25	0.0188 in.	46 lbs.	71 lbs.
#10		20	0.0346 in.	84 lbs.	177 lbs.

<sup>1</sup>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

Product Dimensions

CT IS	Screw Gauge	B Head Dia.	Recess Depth	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#7	0.219 in.	#1 Square	0.097 in.	0.151 in.	15
	#8	0.219 in.	#1 Square	0.114 in.	0.164 in.	15
	#10	0.219 in.	#1 Square	0.132 in.	0.190 in.	15

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
17S	7 x 1 5/8 in.	#1 Square	0.219 in.	15	10,000	48 lb.	
17S100	7 x 1 in.	#1 Square	0.219 in.	15	10,000	30 lb.	
17\$76	8 x 3 in.	#1 Square	0.219 in.	15	2,000	21 lb.	
18S	7 x 2 1/4 in.	#1 Square	0.219 in.	15	5,000	34 lb.	
17\$400	10 x 4 in.	#1 Square	0.219 in.	15	1,000	20 lb.	
Clear Zinc							
17SZ	7 x 1 5/8 in.	#1 Square	0.219 in.	15	10,000	48 lb.	
18SZ	7 x 2 1/4 in.	#1 Square	0.219 in.	15	5,000	34 lb.	
17S100Z	7 x 1 in.	#1 Square	0.219 in.	15	10,000	30 lb.	

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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Trim Head Streaker® - Interior PS1033 USA-ENG/Rev. 02-25

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## Trim Head Streaker<sup>®</sup> - Exterior

Trim to Light-Gauge Steel



		$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Description	Wood, steel or plastic trim to light-gauge st	eel.
Specifications	Size   Gauge: #7 and #8 Length: 1 5/8 in. to 3 in. Head Type: Trim Head Recess Type: #1 Square Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup> , Stainless Steel	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Attaches wood, steel or plastic trim over light-gauge steel studs and track</li> </ul>	single- or double-layer gypsum board to
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #7 and #8, up to 4,000 RPM.</li> <li>The trim head is fully seated when the top of the head is beneath the work surface.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener or strip-out.</li> </ul>
Features	<ul> <li>The No. 1 Square recess is designed for secure bit engagement in trim to wood or light-gauge steel applications.</li> <li>The trim head leaves a less-noticeable, finished surface.</li> </ul>	<ul> <li>Extra-sharp, single lead 23° Streaker<sup>®</sup> point is designed to penetrate light-gauge steel quickly and easily.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

# Trim Head Streaker<sup>®</sup> - Exterior

Trim to Light-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
<b>GrabberGard</b> ®	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

Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	20	25	0.0188 in.	36 lbs.	63 lbs.
		20	0.0346 in.	67 lbs.	158 lbs.
#8	15	25	0.0188 in.	39 lbs.	66 lbs.
		20	0.0346 in.	72 lbs.	164 lbs.

<sup>1</sup>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



Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#7	0.219 in.	#1 Square	0.097 in.	0.151 in.	15
#8	0.219 in.	#1 Square	0.114 in.	0.164 in.	15

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray							
17S76RG	8 x 3 in.	#1 Square	0.219 in.	15	2,000	21 lb.	
17SRG	7 x 1 5/8 in.	#1 Square	0.219 in.	15	10,000	48 lb.	
18SRG	7 x 2 1/4 in.	#1 Square	0.219 in.	15	5,000	34 lb.	
304 Stainless Steel							
17S76SSQ	8 x 3 in.	#1 Square	0.219 in.	15	2,000	21 lb.	
302 Stainless Steel							
17SSQ	7 x 1 5/8 in.	#1 Square	0.219 in.	15	10,000	48 lb.	
17SSQT2	8 x 1 5/8 in.	#1 Square	0.219 in.	15	4,000	56 lb.	Tan painted head
17SSQC	8 x 1 5/8 in.	#1 Square	0.219 in.	15	4,000	56 lb.	Clay painted head
17SSQI	8 x 1 5/8 in.	#1 Square	0.219 in.	15	4,000	56 lb.	lvory 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 Grabber Pro for more information.

handling and installation.

Trim Head Streaker® - Exterior PS1060 USA-ENG/Rev. 02-25

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#### Flat Head, Underlayment Screws - Interior

Underlayment and Sheathing to Light-Gauge Steel or Wood



		$\begin{tabular}{ c c c c c c } \hline \hline$		
Description	Attaches underlayment and sheathing to lig	ht-gauge steel or wood.		
Specifications	Size   Gauge: #7 Length: 1 1/4 in. Head Type: Flat Head Recess Type: #2 LOX <sup>®</sup> Thread Type: Hi-Lo Alternating Finish: Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1002 performance requirements.		
Applications	<ul> <li>Underlayment to light-gauge steel or wood studs</li> <li>Sheathing to light-gauge steel or wood studs</li> </ul>	<ul> <li>OSB or other subfloor to light-gauge steel or wood</li> </ul>		
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #7, up to 4,000 RPM.</li> <li>The flat head is fully seated when flush with material.</li> </ul>	<ul> <li>For wood-to-wood connections, minimum penetration should be 5/8 in., in accordance with AWC-NDS for wood construction.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>		
Features	<ul> <li>Fine thread, 16 threads per inch, is ideal for light-gauge steel applications.</li> <li>Grabber's sharp TwinFast point starts immediately, penetrates quickly, and is much less likely to flop over.</li> <li>LOX<sup>®</sup> recess will not strip out like most other recesses and is designed for max torque.</li> </ul>	<ul> <li>The flat head design provides better holding power in sheathing to light- gauge steel applications.</li> <li>Underhead nibs self-countersink as the screw seats.</li> </ul>		

#### Flat Head, Underlayment Screws - Interior

Underlayment and Sheathing to Light-Gauge Steel or Wood



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#7	18 –	25	0.0188 in.	33 lbs.	60 lbs.
		20	0.0346 in.	61 lbs.	151 lbs.

<sup>1</sup>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

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Gauge No.	Design Thickness	Millimeter Equivalent
25	0.0188 in.	0.4775 mm
20	0.0346 in.	0.8788 mm



roduct nsions	Screw Gauge	B Head Dia.	Recess Depth	D1 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
	#7	0.276 in.	#2 LOX®	0.171 in.	0.151 in.	16 Hi-Lo

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

#### **Ordering Information and Product Options**

P Dime

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
C7125UL2	7 x 1 1/4 in.	#2 LOX®	0.276 in.	16 Hi Lo	1,000	5 lb.	Collated, TwinFast point, Underhead nibs

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Flat Head, Underlayment Screws - Interior PS1034 USA-ENG/Rev. 02-25

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Acoustical	Eye	Lag		
Acoustical Wire	e to H	eavy-	Gauge	Steel



		Eye Lag Stopping Collar Drill Point
Description	Attaches hanger wire to heavy-gauge, cold-	formed steel.
Specifications	Size   Gauge: 1/4 in. Length: 2 in. to 3 in. Head Type: Eye Lag Recess Type: n/a Thread Type: Fine, Single Lead Finish: Clear Zinc, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%.
Applications	<ul> <li>Attaches hanger wire to heavy-gauge, containing</li> </ul>	old-formed steel
Installation	<ul> <li>Use a standard screw gun with Grabber's Eye Lag installation tool (ELAT). Suggested screw gun specification for optimal performance: up to 2,500 RPM.</li> </ul>	<ul> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Grabber<sup>®</sup> Eye Lag screws are more evenly heat-treated and tempered, resulting in more consistent and reliable performance.</li> </ul>	<ul> <li>Consistently formed, extra-sharp drill point starts and drills easily into heavy-gauge steel, 33 mil or thicker.</li> </ul>

# Acoustical Eye Lag

Acoustical Wire to Heavy-Gauge 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

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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
#14	14	14	0.0713 in.	318 lbs.	590 lbs.
		12	0.1017 in.	453 lbs.	1,005 lbs.
		10	0.1242 in.	553 lbs.	1.353 lbs.

<sup>1</sup>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

t S	Screw Gauge	B Eye Diameter	D1 Minor Diameter	D2 Major Diameter	TPI <sup>2</sup>
	1/4 in.	0.191 in.	0.180 in.	0.250 in.	14

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
H-1	1/4 x 3 in.	Eye Lag Driver	N/A	14	1,000	20 lb.	1 3/4 in. Thread length
H-2	1/4 x 2 in.	Eye Lag Driver	N/A	14	1,000	20 lb.	3/4 in. Thread length
H-5	1/4 x 2 in.	Eye Lag Driver	N/A	14	1,000	20 lb.	1.21/ in Thread length
H-6	1/4 x 3 in.	Eye Lag Driver	N/A	14	1,000	20 lb.	1 3/4 III. Thi eau tenyth
Yellow Zinc							
JS1	1/4 x 2 in.	Eye Lag Driver	N/A	14	1,000	20 lb.	1 3/4 in. Thread length

Acoustical Eye Lag - Heavy-Gauge Steel PS1039 USA-ENG/Rev. 02-25

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#### Modified Pan Head Driller - Interior

Heavy-Gauge Steel to Wood



		$\begin{tabular}{ c c c c c } \hline \hline$
Description	Grabber <sup>®</sup> Xtek heavy-gauge steel to wood r	nember connections.
Specifications	Size   Gauge: #11 Length: 1 1/8 in. to 2 1/2 in. Head Type: Modified Pan Head Recess Type: #3 LOX <sup>®</sup> Thread Type: Hi-Lo, Alternating Finish: Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Heavy-gauge steel, 18ga. or thicker, to w and wood sheathing</li> </ul>	vood, wood studs, wood subflooring,
Installation	<ul> <li>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.</li> </ul>	<ul> <li>The modified pan head is fully seated when the load-bearing part of the head is flush with the substrate.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Modified pan head design provides a larger load-bearing surface for better holding power.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> <li>Alternating, Hi-Lo threads reduce torque and increase holding power in the wood member.</li> </ul>	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

#### Modified Pan Head Driller - Interior

Heavy-Gauge Steel to Wood



Standard
Corrosion
<b>Test Results</b>

. . . . . . . . .

Finish	Test	Standard/Protocol	Results
Yellow Zinc	Salt Spray	ASTM B117	24 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.

**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 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
#11	0.356 in.	#3 LOX®	0.211 in.	0.173 in.	15 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features	
Yellow Zinc								
DMWH138	11 x 1 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	3,500	38 lb.	Underhead corretions	
DMWH250L3Y	11 x 2 1/2 in.	#3 LOX®	0.356 in.	15 Hi-Lo	3,500	55 lb.	Undernead serrations	
CDMWH118	11 x 1 1/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	1,000	5 lb.	Collated Underhead corretions	
CDMWH138	11 x 1 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	1,000	5 lb.	Collated, Underhead serrations	

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Modified Pan Head Driller - Interior PS1011 USA-ENG/Rev. 02-25

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#### Modified Pan Head Driller - Exterior

Heavy-Gauge Steel to Wood



		$\begin{tabular}{ c c c c c } \hline \hline & $
Description	Grabber Xtek heavy-gauge steel to wood me	ember connections.
Specifications	Size   Gauge: #11 Length: 1 3/8 in. to 2 3/8 in. Head Type: Modified Pan Head Recess Type: #3 LOX <sup>®</sup> Thread Type: Hi-Lo, Alternating Finish: GrabberGard <sup>®</sup> , Mechanically Galvanized	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Heavy-gauge steel track to wood subfloor</li> <li>Flat steel channels to wood purlins</li> </ul>	<ul> <li>Steel siding to wood frame</li> </ul>
Installation	<ul> <li>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.</li> <li>The modified pan head is fully seated when the load-bearing part of the head is flush with the substrate.</li> </ul>	<ul> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Modified pan head design provides a larger load-bearing surface for better holding power.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> <li>Alternating, Hi-Lo threads reduce torque and increase holding power in the wood member.</li> </ul>	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> </ul>

#### Modified Pan Head Driller - Exterior

Heavy-Gauge Steel to Wood



Standard Corrosion **Test Results** 

Finish	Test	Standard/Protocol	Results
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.

**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 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
#11	0.356 in.	#3 LOX®	0.211 in.	0.173 in.	15 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features	
GrabberGard® Gray								
DMWH138G2	11 x 1 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	3,500	39 lb.	Underhead corretions	
DMWH238G2	11 x 2 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	2,000	33 lb.	Undernead serrations	
Mechanically Galvanized								
DMWH138MG	11 x 1 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	3,500	39 lb.	Underhead serrations	
BCDMWH138MG	11 x 1 3/8 in.	#3 LOX®	0.356 in.	15 Hi-Lo	1,000	5 lb.	Collated, Underhead serrations	

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Modified Pan Head Driller - Exterior PS1046 USA-ENG/Rev. 02-25

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# **Flat Wafer Head Winged Driller - Exterior** Plywood, Cement Board to Heavy-Gauge Steel



		$\begin{tabular}{ c c c c c c c } \hline \hline & $
Description	Attaches high-density sheathing to heavy-g	gauge cold-formed steel.
Specifications	Size   Gauge: #8 and #10 Length: 1 1/4 in. to 3 1/2 in. Head Type: Flat Wafer Head Recess Type: #2 LOX <sup>®</sup> , T25 Star, #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup>	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ANSI A108.11 performance requirements. Specific fasteners are listed in ICC ESR-4223; please check the report for listed item numbers.
Applications	<ul> <li>OSB plywood to steel studs or runners</li> <li>Cement board to steel studs or runners</li> </ul>	<ul> <li>High-density board to steel studs or runners</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM.</li> </ul>	<ul> <li>The screw head is fully seated when it is flush with the surface of the material.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>This wafer head design provides for a larger load-bearing surface and better holding power.</li> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> </ul>	<ul> <li>Special wings clear away sheathing material as the fastener drives in.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

#### Flat Wafer Head Winged Driller - Exterior

Plywood, Cement Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
GrabberGard®	Salt Spray	ASTM B117	1,000 hrs., no red rust
GrabberGard® 1500	Salt Spray	ASTM B117	1,500 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
	16	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10		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.

<sup>1</sup>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



D1 D2

D1 D2

B

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Diameter	D2 Major Diameter	TPI <sup>2</sup>
	0.372 in.	#2 LOX®	0.119 in.	0.164 in.	18
	0.372 in.	T25 Star	0.119 in.	0.164 in.	18
#8	0.404 in.	#2 Phillips	0.119 in.	0.164 in.	18
	0.413 in.	#2 Phillips	0.119 in.	0.164 in.	18
#10	0.404 in.	#2 Phillips	0.119 in.	0.190 in.	16

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

B

#### Flat Wafer Head Winged Driller - Exterior

Plywood, Cement Board to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray	у						
8125SDW	8 x 1 1/4 in.	#2 Phillips	0.413 in.	18	5,000	30 lb.	Wingod drill point
8158SDW	8 x 1 5/8 in.	#2 Phillips	0.413 in.	18	4,000	31 lb.	winged dritt point
GH8114LG	8 x 1 1/4 in.	#2 LOX®	0.372 in.	18	5,000	29 lb.	LOV®
GH8138LG	8 x 1 3/8 in.	#2 LOX®	0.372 in.	18	5,000	32 lb.	LUX <sup>o</sup> recess, winged and point
GH8158LG	8 x 1 5/8 in.	#2 LOX®	0.372 in.	18	4,000	30 lb.	ICC ESR-4223, LOX <sup>®</sup> recess,
GH8238LG	8 x 2 3/8 in.	#2 LOX®	0.372 in.	18	3,000	31 lb.	Winged drill point
CGH8114LG	8 x 1 1/4 in.	#2 LOX®	0.372 in.	18	1,000	5 lb.	Collated, Winged drill point
CGH8158LG	8 x 1 5/8 in.	#2 LOX®	0.372 in.	18	1,000	5 lb.	ICC ESR-4223, Collated, Winged drill point, Underhead nibs
CGH8158TG	8 x 1 5/8 in.	T25 Star	0.372 in.	18	1,000	5 lb.	Collated, Winged drill point, Underhead nibs
CGH8238LG	8 x 2 3/8 in.	#2 LOX®	0.372 in.	18	1,000	5 lb.	ICC ESR-4223, Collated, Winged drill point
GrabberGard® Gra	y 1500						
GCB8125SD	8 x 1 1/4 in.	#2 Phillips	0.404 in.	18	5,000	30 lb.	
GCB8158SD	8 x 1 5/8 in.	#2 Phillips	0.404 in.	18	4,000	31 lb.	
GGCB8158SD	8 x 1 5/8 in.	#2 Phillips	0.404 in.	18	4,000	31 lb.	Winged drill point, Underhead nibs
GCB8238SD	8 x 2 3/8 in.	#2 Phillips	0.404 in.	18	3,000	31 lb.	
GCB10350SD	10 x 3 1/2 in.	#2 Phillips	0.404 in.	16	1,000	19 lb.	
CGCB8125SD	8 x 1 1/4 in.	#2 Phillips	0.404 in.	18	1,000	5 lb.	
CGCB8158SD	8 x 1 5/8 in.	#2 Phillips	0.404 in.	18	1,000	5 lb.	Collated, Winged drill point, Underbead nibs
CGCB8238SD	8 x 2 3/8 in.	#2 Phillips	0.404 in.	18	1,000	5 lb.	

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Flat Wafer Head Winged Driller - Exterior PS1015 USA-ENG/Rev. 02-25

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# Wafer Head Winged Driller - Exterior Plywood to Heavy-Gauge Steel



		Image: Descent stateImage: Descent s
Description	Attaches high-density sheathing to heavy-g	auge cold-formed steel.
Specifications	Size   Gauge: #8 and #10 Length: 1 1/4 in. to 1 7/16 in. Head Type: Wafer Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard®	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>OSB plywood to steel studs or runners</li> </ul>	<ul> <li>High-density board to steel studs or runners</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM.</li> </ul>	<ul> <li>The screw head is fully seated when it is flush with the surface of the material.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>This wafer head design provides for a larger load-bearing surface and better holding power.</li> <li>Special wings clear away sheathing material as the fastener drives in.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

#### Wafer Head Winged Driller - Exterior

Plywood to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	16	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.

<sup>1</sup>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

D1 D2

R D1 D2

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#8	0.379 in.	#2 Phillips	0.116 in.	0.164 in.	18
#10	0.453 in.	#2 Phillips	0.132 in.	0.190 in.	24

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

### Wafer Head Winged Driller - Exterior

Plywood to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard <sup>®</sup> Gray							
101716W3RG	10 x 1 7/16 in.	#2 Phillips	0.453 in.	24	4,000	38 lb.	Winged drill point
101716RG	10 x 1 7/16 in.	#2 Phillips	0.453 in.	24	4,000	38 lb.	
14RG8F2	8 x 1 1/4 in.	#2 Phillips	0.379 in.	18	5,000	27 lb.	
C14RG8F2	8 x 1 1/4 in.	#2 Phillips	0.379 in.	18	1,000	5 lb.	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 Grabber Pro for more information.

Wafer Head Winged Driller - Exterior PS1050 USA-ENG/Rev. 02-25

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# Wafer Head Winged Driller - Interior Plywood to Heavy-Gauge Steel



		Image: Deliver of the second
Description	Attaches high-density sheathing to heavy-g	auge 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 <sup>®</sup> 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	<ul> <li>OSB plywood to steel studs or runners</li> </ul>	<ul> <li>High-density board to steel studs or runners</li> </ul>
Installation	<ul> <li>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.</li> </ul>	<ul> <li>The screw head is fully seated when it is flush with the surface of the material.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>This wafer head design provides for a larger load-bearing surface and better holding power.</li> </ul>	<ul> <li>Special wings clear away sheathing material as the fastener drives in.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> </ul>

#### Wafer Head Winged Driller - Interior

Plywood to Heavy-Gauge Steel

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Standard Corrosion Test Results

inish	Test	Standard/Protocol	Results
lear 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
	16	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10		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.
		18	0.0451 in.	124 lbs.	280 lbs.
#12		16	0.0566 in.	225 lbs.	394 lbs.
	16	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.

<sup>1</sup>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 <sup>2</sup>
	0.344 in.	#2 Phillips	0.113 in.	0.164 in.	18
#0	0.354 in.	#2 Phillips	0.113 in.	0.164 in.	18
#0	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

Heavy-Gauge Steel Plywood to Heavy-Gauge Steel

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

#### Wafer Head Winged Driller - Interior

Plywood to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem 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.	
08175WSDZ	8 x 1 3/4 in.	#2 Phillips	0.413 in.	18	4,000	35 lb.	Wingod drill point
8158SDZWP	8 x 1 5/8 in.	#2 Phillips	0.413 in.	18	4,000	37 lb.	winged dritt point
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.	
12200WSDZ	12 x 2 in.	#3 Phillips	0.433 in.	16	2,000	33 lb.	Winged drill point
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.

Wafer Head Winged Driller - Interior PS1054 USA-ENG/Rev. 02-25

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### Modified Truss Head Driller - Interior

Steel Framing and Cabinet Mounting to Heavy-Gauge Steel





Description	Cabinet mounting onto wood and heavy-gauge steel.					
Specifications	Size   Gauge: #10 Length: 1 1/2 in. to 3 in. Head Type: Modified Truss Head Recess Type: #2 Square Thread Type: Fine, Single Lead Finish: Clear Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.				
Applications	<ul> <li>Heavy-gauge steel framing studs</li> <li>K-lath installation to heavy-gauge steel</li> <li>Cabinet installation to wood over heavy-gauge steel</li> </ul>	<ul> <li>Heavy-gauge steel studs to track</li> <li>Other heavy steel-to-steel attachments</li> </ul>				
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #10, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The head is fully seated when the bearing surface of the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>				
Features	<ul> <li>The #2 Square recess is designed for secure bit engagement in trim to wood or heavy-gauge steel applications.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>Modified truss head design provides for a larger load-bearing surface for better holding power, and a much lower profile.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> </ul>				

#### **Modified Truss Head Driller - Interior**

#### Steel Framing and Cabinet Mounting to Heavy-Gauge Steel



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

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#10	8	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.

<sup>1</sup>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

D1 D2

Product Dimensions	Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#10	0.492 in.	#2 Square	0.137 in.	0.190 in.	8

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
42ZQ	10 x 2 1/2 in.	#2 Square	0.492 in.	8	2,000	33 lb.	
41ZQ	10 x 2 in.	#2 Square	0.492 in.	8	3,000	40 lb.	
43ZQ	10 x 3 in.	#2 Square	0.492 in.	8	1,500	30 lb.	
40ZQ	10 x 1 1/2 in.	#2 Square	0.492 in.	8	3,500	35 lb.	

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.

Wafer Head Winged Driller - Interior PS1004 USA-ENG/Rev. 02-25

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### **Bugle Head Driller - Interior**

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel





		Phillips LOX® Bugle Head Drill Point
Description	Attaches gypsum board, sheathing, and insu	llation board to heavy-gauge steel.
Specifications	Size   Gauge: #6 to #10 Length: 1 in. to 5 in. Head Type: Bugle Head Recess Type: #2 Phillips, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: Clear Zinc, Phosphate	Quality Assurance: Grabber <sup>®</sup> 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.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gy</li> <li>1/2 in. and 5/8 in. double-layer gypsum b</li> <li>OSB and insulation board to heavy-gaug</li> </ul>	/psum board to heavy-gauge steel studs board to heavy-gauge steel studs e steel studs
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The bugle head is fully seated when it is just beneath the surface of the gypsum board.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>LOX<sup>®</sup> recess is designed for high- torque applications and will not strip out like most other recesses.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>The bugle head creates a smooth, professional finish.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

### **Bugle Head Driller - Interior**

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
#6	20	14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 lbs.
		18	0.0451 in.	94 lbs.	244 lbs.
	18	16	0.0566 in.	171 lbs.	344 lbs.
#8		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.
		18	0.0451 in.	109 lbs.	263 lbs.
#10		16	0.0566 in.	198 lbs.	370 lbs.
	16	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.

<sup>1</sup>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 <sup>2</sup>
#6	0.321 in.	#2 Phillips	0.098 in.	0.138 in.	20
<b>щ0</b>	0.321 in.	#2 Phillips	0.116 in.	0.164 in.	18
#ð	0.325 in.	#2 LOX®	0.116 in.	0.164 in.	18
<i>#</i> 10	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	16
#10	0.343 in.	#2 LOX®	0.132 in.	0.190 in.	16

# **Bugle Head Driller - Interior**

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
13	6 x 1 in.	#2 Phillips	0.325 in.	20	10,000	35 lb.	
14	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	8,000	33 lb.	Fully threaded
15	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	5,000	26 lb.	
16	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	4,000	24 lb.	
C14	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	Colleted Fully threaded
C16	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	Collated, Fully infeaded
Clear Zinc							
B10350SDZ	10 x 3 1/2 in.	#2 Phillips	0.343 in.	16	1,000	19 lb.	
B10400SDZ	10 x 4 in.	#2 Phillips	0.343 in.	16	1,000	21 lb.	
B10500SDZ	10 x 5 in.	#2 Phillips	0.343 in.	16	1,000	26 lb.	
B10350SDL2Z	10 x 3 1/2 in.	#2 LOX®	0.343 in.	16	1,000	19 lb.	
B10400SDL2Z	10 x 4 in.	#2 LOX®	0.343 in.	16	1,000	21 lb.	
B10500SDL2Z	10 x 5 in.	#2 LOX®	0.343 in.	16	1,000	26 lb.	
B10300SDZ	10 x 3 in.	#2 Phillips	0.343 in.	16	1,000	17 lb.	
13Z	6 x 1 in.	#2 Phillips	0.325 in.	20	10,000	35 lb.	
14Z	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	8,000	33 lb.	Fully threaded
15Z	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	5,000	26 lb.	
30SZ	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	3,000	30 lb.	
30MZ	8 x 2 5/8 in.	#2 Phillips	0.325 in.	18	2,000	22 lb.	
30SZL2	8 x 2 3/8 in.	#2 LOX®	0.325 in.	18	3,000	30 lb.	
30MZL2	8 x 2 5/8 in.	#2 LOX®	0.325 in.	18	2,000	22 lb.	
30LZ	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	25 lb.	
30LZL2	8 x 3 in.	#2 LOX®	0.325 in.	18	2,000	25 lb.	
14Z8LOX	8 x 1 1/4 in.	#2 LOX®	0.325 in.	18	6,000	32 lb.	Fully threaded
C14Z	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	Colleted Fully threaded
C15Z	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	
C30SZ	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	1,000	5 lb.	
C30SZL2	8 x 2 3/8 in.	#2 LOX®	0.325 in.	18	1,000	5 lb.	Collated
C30MZL2	8 x 2 5/8 in.	#2 LOX®	0.325 in.	18	1,000	5 lb.	
C14Z8LOX	8 x 1 1/4 in.	#2 LOX®	0.325 in.	18	1,000	5 lb.	Collated, Fully threaded

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.

**Bugle Head Driller - Interior** PS1002 USA-ENG/Rev. 02-25

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# **Bugle Head Driller - Exterior**

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



		At the the the the the the the the the th
Description	Attaches gypsum board, sheathing, and insu	lation board to heavy-gauge steel.
Specifications	Size   Gauge: #6 to #10 Length: 1 1/4 in. to 5 in. Head Type: Bugle Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard®	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C954 and C1513 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gy</li> <li>1/2 in. and 5/8 in. double-layer gypsum b</li> </ul>	/psum board to heavy-gauge steel studs board to heavy-gauge steel studs
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The bugle head is fully seated when it is just beneath the surface of the gypsum board.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>The bugle head creates a smooth, professional finish.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

### **Bugle Head Driller - Exterior**

### Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
#6	20	14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 lbs.
		18	0.0451 in.	94 lbs.	244 lbs.
	18	16	0.0566 in.	171 lbs.	344 lbs.
#8		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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	16	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.

<sup>1</sup>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 <sup>2</sup>
#6	0.321 in.	#2 Phillips	0.098 in.	0.138 in.	20
#8	0.321 in.	#2 Phillips	0.116 in.	0.164 in.	18
#10	0.343 in.	#2 Phillips	0.132 in.	0.190 in.	16

# **Bugle Head Driller - Exterior**

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



Ordering Information and Product Options

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gra	y						
14RG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	8,000	33 lb.	
15RG	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	5,000	26 lb.	Fully threaded
16RG	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	4,000	24 lb.	
30LRG	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	25 lb.	
30LRG8	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	24 lb.	
30MRG	8 x 2 5/8 in.	#2 Phillips	0.325 in.	18	2,000	22 lb.	
30MRG8	8 x 2 5/8 in.	#2 Phillips	0.325 in.	18	2,000	22 lb.	
30SRG	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	3,000	30 lb.	
14RG8F	8 x 1 1/4 in.	#2 Phillips	0.325 in.	18	1,000	41 lb.	Fully threaded
16RG8F	8 x 1 7/8 in.	#2 Phillips	0.325 in.	18	1,000	31 lb.	Futty till eaded
B10350SDRG	10 x 3 1/2 in.	#2 Phillips	0.343 in.	16	1,000	19 lb.	
B10400SDRG	10 x 4 in.	#2 Phillips	0.343 in.	16	1,000	21 lb.	
B10500SDRG	10 x 5 in.	#2 Phillips	0.343 in.	16	1,000	26 lb.	
C14RG	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	
CP14RG8	8 x 1 1/4 in.	#2 Phillips	0.325 in.	18	1,000	5 lb.	
C16RG	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	Collated, Fully threaded
C14RG8F	8 x 1 1/4 in.	#2 Phillips	0.325 in.	18	1,000	5 lb.	-
C15GG8P	8 x 1 5/8 in.	#2 Phillips	0.325 in.	18	1,000	5 lb.	

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.

Bugle Head Driller - Exterior PS1040 USA-ENG/Rev. 02-25

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# Scavenger® Head Driller - Interior

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



		Phillips Scavenger® Drill Point Head
Description	Attaches gypsum board, sheathing, and inst	ulation board to heavy-gauge steel.
Specifications	Size   Gauge: #6 and #8 Length: 1 in. to 3 in. Head Type: Scavenger <sup>®</sup> Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: Clear Zinc, Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C954 and C1513 performance requirements
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer g</li> <li>1/2 in. and 5/8 in. double-layer gypsum</li> </ul>	ypsum board to heavy-gauge steel studs board to heavy-gauge steel studs
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 and #8, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The Scavenger<sup>®</sup> head is fully seated when it is just beneath the surface of the gypsum board.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>The unique Scavenger<sup>®</sup> double-bugle head design won't tear the drywall as it seats, almost eliminating paper burrs.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> </ul>

# Scavenger<sup>®</sup> Head Driller - Interior

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
#6	20	14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 lbs.
#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.

<sup>1</sup>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 <sup>2</sup>
#6	0.321 in.	#2 Phillips	0.098 in.	0.138 in.	20
#8	0.321 in.	#2 Phillips	0.116 in.	0.164 in.	18

### Scavenger® Head Driller - Interior

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
13S	6 x 1 in.	#2 Phillips	0.325 in.	20	10,000	35 lb.	
135S	6 x 1 1/8 in.	#2 Phillips	0.325 in.	20	10,000	37 lb.	
14S	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	8,000	33 lb.	
15S	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	5,000	26 lb.	
16S	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	4,000	25 lb.	
30LS	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	25 lb.	
30MS	8 x 2 5/8 in.	#2 Phillips	0.325 in.	18	2,000	22 lb.	
30SS	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	3,000	29 lb.	
C14S	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	Collated
Clear Zinc							
13SZ	6 x 1 in.	#2 Phillips	0.325 in.	20	10,000	35 lb.	
135SZ	6 x 1 1/8 in.	#2 Phillips	0.325 in.	20	10,000	37 lb.	
14SZ	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	8,000	33 lb.	
14SZ8	8 x 1 1/4 in.	#2 Phillips	0.325 in.	18	6,000	32 lb.	
15SZ	6 x 1 5/8 in.	#2 Phillips	0.325 in.	20	5,000	26 lb.	
16SZ	6 x 1 7/8 in.	#2 Phillips	0.325 in.	20	4,000	25 lb.	
30LSZ	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	25 lb.	
30MSZ	8 x 2 5/8 in.	#2 Phillips	0.325 in.	18	2,000	22 lb.	
30SSZ	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	3,000	29 lb.	
CB14SZ	6 x 1 1/4 in.	#2 Phillips	0.325 in.	20	1,000	5 lb.	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.

Scavenger® Head Driller - Interior PS1013 USA-ENG/Rev. 02-25

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### Scavenger<sup>®</sup> Head Driller - Exterior

Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel



|--|

Description



Specifications	Size   Gauge: #8 Length: 2 3/8 in. to 3 in. Head Type: Scavenger <sup>®</sup> Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup>	Quality Assurance: Grabber <sup>®</sup> 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.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gy</li> <li>1/2 in. and 5/8 in. double-layer gypsum b</li> </ul>	/psum board to heavy-gauge steel studs board to heavy-gauge steel studs
Installation	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The Scavenger<sup>®</sup> head is fully seated when it is just beneath the surface of the gypsum board.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>The unique Scavenger<sup>®</sup> double-bugle head design won't tear the drywall as it</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating</li> </ul>

Attaches gypsum board, sheathing, and insulation board to heavy-gauge steel.

 GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.

### Scavenger® Head Driller - Exterior

### Gypsum Board, Sheathing, and Insulation Board to Heavy-Gauge Steel

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Standard Corrosion Test Results

inish	Test	Standard/Protocol	Results
rabberGard®	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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.

<sup>1</sup>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 <sup>2</sup>
#8	0.321 in.	#2 Phillips	0.116 in.	0.164 in.	18

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

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray	1						
30LSRG	8 x 3 in.	#2 Phillips	0.325 in.	18	2,000	25 lb.	
30SSRG	8 x 2 3/8 in.	#2 Phillips	0.325 in.	18	3,000	29 lb.	

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 Grabber Pro for more information.

### Scavenger® Head Driller - Exterior PS1048 USA-ENG/Rev. 02-25

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<b>Dome Hea</b> Heavy-Gauge	<b>ad Driller - Interior</b> e Steel-to-Steel	<b>GRABBER</b> CONSTRUCTION PRODUCTS		
		$\begin{tabular}{ c c c c c c c } \hline \hline & $		
Description	Framing steel. K-lath installation in steel su	ıbstrate.		
Specifications	Size   Gauge: #8 Length: 1/2 in. to 2 in. Head Type: Dome Head Recess Type: #2 LOX <sup>®</sup> , #2 Phillips Thread Type: Fine, Single Lead Finish: Clear Zinc, GrabberGard <sup>®</sup> Gray, Phosphate, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> 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	<ul> <li>Heavy-gauge steel framing studs</li> <li>K-lath installation to heavy-gauge steel</li> <li>Heavy-gauge steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Heavy-gauge steel studs to track</li> <li>Other heavy steel-to-steel attachments</li> </ul>		
Installation	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The head is fully seated when the bearing surface of the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>		
Features	<ul> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> <li>Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>Dome head design provides for a larger load-bearing surface for better holding power, and a lower profile.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> </ul>		



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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16 0.0566 in. 17	171 lbs.	344 lbs.	
#8	18	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.

<sup>1</sup>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 <sup>2</sup>
#0	0.417 in.	#2 Phillips	0.116 in.	0.164 in.	18
#0	0.492 in.	#2 LOX®	0.116 in.	0.164 in.	18

Heavy-Gauge Steel-to-Steel



**Ordering Information and Product Options** 

ltem 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 CCD 1971
834FZ3	8 x 3/4 in.	#2 Phillips	0.417 in.	18	7,500	37 lb.	ICC ESK-1271
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	I						
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. 02-25

GRABBER CONSTRUCTION PRODUCTS, INC. 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

(800) 477-8876 | GrabberPro.com

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Heavy-Gauge Steel-to-Steel



Description	Attaches fixtures, backup plates, door frame and other heavy-gauge steel.	Hex Head High Hex Drill Point Hex s, and lathers channel to structural studs
Specifications	Size   Gauge: #8 to #14 Length: 1/2 in. to 6 in. Head Type: Hex Head, High Hex Head Recess Type: n/a Thread Type: Fine, Single Lead Finish: Clear Zinc, Yellow Zinc	Quality Assurance: Grabber <sup>®</sup> 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. Specific fasteners are listed in ICC ESR- 1271; please check the report for listed item numbers.
Applications	<ul> <li>Steel studs to track, 20-12-gauge steel (33-97 mil)</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Plaster grounds to 20-8 gauge steel</li> <li>Other steel-to-steel attachments, 20-12 gauge (33-97 mil)</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM, sizes #12 and #14, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The hex head is fully seated when the bearing surface of the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Hex head provides maximum driving torque with a flat bearing surface.</li> <li>Hex washer head design provides for a larger load-bearing surface for better holding power.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> <li>Also available with #3, #4, and #5 drill point.</li> </ul>

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

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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	16 and 22	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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	14 and 24	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.
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
#14	14 and 20	14	0.0713 in.	318 lbs.	590 lbs.
		12	0.1017 in.	453 lbs.	1,005 lbs.
		10	0.1242 in.	553 lbs.	1,353 lbs.

<sup>1</sup>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.	Drive Size	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#8	0.335 in.	1/4 in.	0.116 in.	0.164 in.	18
	#10	0.399 in.	5/16 in.	0.138 in.	0.190 in.	16
	#10	0.415 in.	5/16 in.	0.138 in.	0.190 in.	14
		0.335 in.	5/16 in.	0.161 in.	0.216 in.	14
	#12	0.415 in.	5/16 in.	0.161 in.	0.216 in.	14
		0.415 in.	5/16 in.	0.161 in.	0.216 in.	24
	#14	0.500 in.	3/8 in.	0.183 in.	0.242 in.	14

Heavy-Gauge Steel-to-Steel



**Ordering Information and Product Options** 

ltem No.	Size	Drive Type	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
08050H	8 x 1/2 in.	1/4 in. Hex	0.335 in.	18	15,000	33 lb.	
10050H	10 x 1/2 in.	5/16 in. Hex	0.399 in.	16	7,500	37 lb.	-
10075HA	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	30 lb.	-
12075HA	12 x 3/4 in.	5/16 in. Hex	0.335 in.	14	5,000	39 lb.	
14300H	14 x 3 in.	3/8 in. Hex	0.500 in.	14	1,000	33 lb.	
08050H3	8 x 1/2 in.	1/4 in. Hex	0.335 in.	18	10,000	34 lb.	
08058H3	8 x 5/8 in.	1/4 in. Hex	0.335 in.	18	10,000	39 lb.	
08075H3	8 x 3/4 in.	1/4 in. Hex	0.335 in.	18	10,000	43 lb.	ICC ESR-1271
08100H3	8 x 1 in.	1/4 in. Hex	0.335 in.	18	7,500	38 lb.	
08100HA	8 x 1 in.	1/4 in. Hex	0.335 in.	18	7,500	38 lb.	
08125H3	8 x 1 1/4 in.	1/4 in. Hex	0.335 in.	18	5,000	31 lb.	
08200H3	8 x 2 in.	1/4 in. Hex	0.335 in.	18	3,000	28 lb.	ICC ESR-1271
10050H3	10 x 1/2 in.	5/16 in. Hex	0.399 in.	16	7,500	37 lb.	ICC ESR-1271, Hydrogen
							embrittlement failure protection
10058H3	10 x 5/8 in.	5/16 in. Hex	0.399 in.	16	7,500	42 lb.	
10075H3	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	31 lb.	
10100H3	10 x 1 in.	5/16 in. Hex	0.399 in.	16	5,000	38 lb.	ICC ESR-1271, Hydrogen
10125H3	10 x 1 1/4 in.	5/16 in. Hex	0.399 in.	16	3,500	31 lb.	embrittlement failure protection,
10150H3	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	36 lb.	Underhead serrations
10200H3	10 x 2 in.	5/16 in. Hex	0.399 in.	16	3,000	39 lb.	
10300H3	10 x 3 in.	5/16 in. Hex	0.399 in.	16	1,000	27 lb.	
12075H3	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	39 lb.	
12100H3	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	33 lb.	
12125H3	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	14	3,500	39 lb.	-
12150H3	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	2,500	32 lb.	
12134H3	12 x 1 3/4 in.	5/16 in. Hex	0.415 in.	14	2,500	34 lb.	ICCESR-12/1, Hydrogen
12200H3	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2,000	33 lb.	
1224125H4	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	24	3,000	34 lb.	
1224125H5	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	24	3,000	33 lb.	
1224200H4	12 x 2 in.	5/16 in. Hex	0.415 in.	24	3,000	35 lb.	
1224200H5SL	12 x 2 in.	5/16 in. Hex	0.415 in.	24	2,000	34 lb.	ICC ESR-1271, Hydrogen embrittlement failure protection, Slotted shank
122478H4	12 x 7/8 in.	5/16 in. Hex	0.415 in.	24	4,000	34 lb.	_
12250H3	12 x 2 1/2 in.	5/16 in. Hex	0.415 in.	14	2,000	39 lb.	_
12300H3	12 x 3 in.	5/16 in. Hex	0.415 in.	14	1,000	24 lb.	
12350H3	12 x 3 1/2 in.	5/16 in. Hex	0.415 in.	14	1,000	27 lb.	
14075H3	14 x 3/4 in.	3/8 in. Hex	0.500 in.	14	5,000	59 lb.	
14100H3	14 x 1 in.	3/8 in. Hex	0.500 in.	14	3,500	49 lb.	
14125H3	14 x 1 1/4 in.	3/8 in. Hex	0.500 in.	14	2,000	33 lb.	ICC ESR-1271, Hydrogen
14150H3	14 x 1 1/2 in.	3/8 in. Hex	0.500 in.	14	2,000	38 lb.	
14200H3	14 x 2 in.	3/8 in. Hex	0.500 in.	14	1,500	35 lb.	
14250H3	14 x 2 1/2 in.	3/8 in. Hex	0.500 in.	14	1,000	28 lb.	
14300H3	14 x 3 in.	3/8 in. Hex	0.500 in.	14	1,000	33 lb.	
14400H4	14 x 4 in.	3/8 in. Hex	0.500 in.	14	1,000	21 lb.	
14500H4	14 x 5 in.	3/8 in. Hex	0.500 in.	14	500	18 lb.	
14600H5	14 x 6 in.	3/8 in. Hex	0.500 in.	14	500	20 lb.	

Heavy-Gauge Steel-to-Steel



**Ordering Information and Product Options (continued)** 

ltem No.	Size	Drive Type	Head Diameter	TPI	Quantity	Weight	Special Features	
Clear Zinc (continued)								
08075H3 1M	8 x 3/4 in.	1/4 in. Hex	0.335 in.	18	1,000	5 lb.		
10075HW3CS	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	33 lb.	Hydrogen embrittlement failure protection, EPDM washer	
12075HBS	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	39 lb.	ICC ESR-1271, Hydrogen embrittlement failure protection	
1224150H5SL	12-24 x 1 1/2 in.	5/16 in. Hex	0.415 in.	24	2,500	32 lb.	ICC ESR-1271, Hydrogen embrittlement failure protection, Slotted shank	
H08050H3	8 x 1/2 in.	1/4 in. Hex	0.335 in.	18	10,000	34 lb.		
H08058H3	8 x 5/8 in.	1/4 in. Hex	0.335 in.	18	10,000	40 lb.		
H08075H3	8 x 3/4 in.	1/4 in. Hex	0.335 in.	18	10,000	44 lb.	High Hex Head, ICC ESR-1271	
H08100H3	8 x 1 in.	1/4 in. Hex	0.335 in.	18	7,500	41 lb.		
H08150H3	8 x 1 1/2 in.	1/4 in. Hex	0.335 in.	18	5,000	35 lb.		
H10050H3	10 x 1/2 in.	5/16 in. Hex	0.399 in.	16	7,500	34 lb.		
H10075H3	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	30 lb.		
H10100H3	10 x 1 in.	5/16 in. Hex	0.399 in.	16	5,000	37 lb.		
H10125H3	10 x 1 1/4 in.	5/16 in. Hex	0.399 in.	16	3,500	33 lb.		
H10150H3	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	35 lb.	High Hex Head, ICC ESR-1271	
H10200H3	10 x 2 in.	5/16 in. Hex	0.399 in.	16	3,000	31 lb.	Hydrogen embrittlement failure	
H12075H3	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	40 lb.	protection	
H12100H3	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	40 lb.		
H12125H3	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	14	3,500	34 lb.		
H12150H3	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	2,500	35 lb.		
H12200H3	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2,000	32 lb.		
H1224125H4	12-24 x 1 1/4 in.	5/16 in. Hex	0.415 in.	24	3,000	35 lb.		
H1224200H4	12-24 x 2 in.	5/16 in. Hex	0.415 in.	24	2,000	50 lb.		
H12250H3	12 x 2 1/2 in.	5/16 in. Hex	0.415 in.	14	2,000	30 lb.	High Hex Head. ICC ESR-1271. Hydrogen	
H12300H3	12 x 3 in.	5/16 in. Hex	0.415 in.	14	1,000	22 lb.	embrittlement failure protection	
H10078H4	10 x 7/8 in.	5/16 in. Hex	0.415 in.	14	5,000	37 lb.		
H10125H4	10 x 1 1/4 in.	5/16 in. Hex	0.415 in.	14	3,500	33 lb.		
H1224150H4	12-24 x 1 1/2 in.	5/16 in. Hex	0.415 in.	24	2,500	33 lb.		
H122478H4	12-24 x 7/8 in.	5/16 in. Hex	0.415 in.	24	4,000	34 lb.		
Yellow Zinc								
10075H35	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	31 lb.		
122278H35YZ	12 22 x 7/8 in.	5/16 in. Hex	0.415 in.	22	4,000	33 lb.		

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Heavy-Gauge Steel-to-Steel







Hay Head w/	Drill Doint

Description	Attaches fixtures, backup plates, door frames, and lathers channel to structural studs
	and other heavy-gauge steel.

Specifications	Size   Gauge: #8 to #14 Length: 1/2 in. to 8 in. Head Type: Hex Head, High Hex Head w/ EPDM washer Recess Type: n/a Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup> , Stainless Steel	<ul> <li>Quality Assurance: Grabber<sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories.</li> <li>LEED Reporting: The post-consumer recycled steel content is 25%.</li> <li>Compliance: The fasteners comply with ASTM C1513 performance requirements. Specific fasteners are listed in ICC ESR-1271; please check the report for listed item numbers.</li> </ul>			
Applications	<ul> <li>Steel studs to track, 20-12 gauge steel (33-97 mil)</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Plaster grounds to 20-12 gauge steel (33-97 mil)</li> <li>Other steel-to-steel attachments, 20-12 gauge (33-97 mil)</li> </ul>			
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM, sizes #12 and #14, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The hex head is fully seated when the bearing surface of the head is flush with the work surface.</li> <li>Ensure the EPDM washer is properly driven to avoid over-compression, which could compromise the waterproof seal.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>			
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Hex head provides maximum driving torque with a flat bearing surface.</li> <li>Hex washer head design provides for a larger load-bearing surface for better holding power.</li> </ul>	<ul> <li>The addition of the EPDM washer helps protect against moisture when seated properly.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> <li>Also available with #3, #4, and #5 drill point.</li> </ul>			

Heavy-Gauge Steel-to-Steel



Standard Corrosion

Standard Corrosion	Finish	sh Test		andard/Protocol I	Results		
<b>Test Results</b>	GrabberGard®	Salt Spra	ay AS	STM B117 1	1,000 hrs., no red rust		
	Note: Salt Spray Testing industry-wide as an eff specific periods of time.	g (SST) results are not ective tool for compar For more information a	intended to predict corr ing different metals and bout corrosion resistanc	osion in real-world environmer different metal coatings in a ti e, see the Grabber Guide to Corr	its. The ASTM B117 st ghtly controlled, high osion Resistance for F	andard for SST is recognized ly corrosive environment for asteners.	
Pull-Out Test Data <sup>1</sup>	Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear	
			18	0.0451 in.	94 lbs.	244 lbs.	
			16	0.0566 in.	171 lbs.	344 lbs.	
	#8	18	14	0.0713 in.	215 lbs.	486 lbs.	
			10	0 1017 in	207 lbo	027 lbo	

oci chi ouuyc		occorodayo	Design mickness	Tension	Ulical
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	16 and 22	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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	14 and 24	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.
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
#14	14 and 20	14	0.0713 in.	318 lbs.	590 lbs.
		12	0.1017 in.	453 lbs.	1,005 lbs.
		10	0.1242 in.	553 lbs.	1,353 lbs.

<sup>1</sup>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.

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 2.5832 mm 0.1017 in. 0.1242 in. 3.1547 mm 10



Product Dimensions

**Sheet Steel** 

Gauges

	Screw Gauge	B Head Dia.	Drive Size	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
	#8	0.335 in.	1/4 in.	0.116 in.	0.164 in.	18
	#10	0.399 in.	5/16 in.	0.138 in.	0.190 in.	16
	#10	0.415 in.	5/16 in.	0.138 in.	0.190 in.	14
	#10	0.415 in.	5/16 in.	0.161 in.	0.216 in.	14
	#1Z	0.415 in.	5/16 in.	0.161 in.	0.216 in.	24
	#14	0.500 in.	3/8 in.	0.183 in.	0.242 in.	14

Heavy-Gauge Steel-to-Steel



**Ordering Information and Product Options** 

ltem No.	Size	Drive Type	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard®							
10075H3RG	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	32 lb.	ICC ESR-1271, Underhead
10150H3RG	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	35 lb.	serrations, Hydrogen embrittlement failure protection
12075H3RG	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5.000	40 lb.	
12100H3RG	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	32 lb.	-
12150H3RG	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	2.500	32 lb.	ICC FSR-1271 Hydrogen
12200H3RG	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2.000	33 lb.	embrittlement failure protection
1224150H4RG	12-24 x 1 1/2 in.	5/16 in. Hex	0.415 in.	24	2.500	33 lb.	
1224125H5RG	12-24 x 1 1/2 in.	5/16 in. Hex	0.415 in.	24	2,000	23 lb.	
1224150H5RG	12-24 x 1 1/2 in.	5/16 in. Hex	0.415 in.	24	2,500	33 lb.	
1224200H4RG	12-24 x 2 in.	5/16 in. Hex	0.415 in.	24	2,000	35 lb.	ICC ESP-1271 Slotted shank
1224200H5RG	12-24 x 2 in.	5/16 in. Hex	0.415 in.	24	2,000	42 lb.	Hydrogen embrittlement failure
1224250H5RG	12-24 x 2 1/2 in.	5/16 in. Hex	0.415 in.	24	2,000	42 lb.	protection
1224300H5RG	12-24 x 3 in.	5/16 in. Hex	0.415 in.	24	3,000	34 lb.	
122478H4RG	12-24 x 7/8 in.	5/16 in. Hex	0.415 in.	24	4,000	34 lb.	ICC ESR-1271. Hydrogen
14075H3RG	14 x 3/4 in.	3/8 in. Hex	0.500 in.	14	5,000	59 lb.	embrittlement failure protection
1420150H5RG	14-20 x 1 1/2 in.	3/8 in. Hex	0.500 in.	20	2,000	38 lb.	ICC ESR-1271, Slotted shank, Hydrogen embrittlement failure protection
1424150H5RG	14-24 x 1 1/2 in.	3/8 in. Hex	0.500 in.	24	2,000	39 lb.	Slotted shank, Hydrogen embrittlement failure protection
10075H3WRG	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	41 lb.	
10100H3WRG	10 x 1 in.	5/16 in. Hex	0.399 in.	16	5,000	38 lb.	
10150H3WRG	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	36 lb.	ICC ESR-1271, EPDM Washer,
10200H3WRG	10 x 2 in.	5/16 in. Hex	0.399 in.	16	3,000	39 lb.	Hydrogen embrittlement failure
10300H3WRG	10 x 3 in.	5/16 in. Hex	0.399 in.	16	1,000	27 lb.	protection
12075H3WRG	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	39 lb.	
12100H3WRG	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	33 lb.	
12125H3WRG	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	14	3,500	39 lb.	EPDM Washer, Hydrogen embrittlement failure protection
12150H3WRG	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	2,500	32 lb.	
12200H3WRG	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2,000	33 lb.	
12250H3WRG	12 x 2 1/2 in.	5/16 in. Hex	0.415 in.	14	2,000	39 lb.	
14100H3WRG	14 x 1 in.	3/8 in. Hex	0.500 in.	14	3,500	49 lb.	ICC ESR-1271, EPDM Washer,
14150H3WRG	14 x 1 1/2 in.	3/8 in. Hex	0.500 in.	14	2,000	38 lb.	Hydrogen embrittlement failure
14200H3WRG	14 x 2 in.	3/8 in. Hex	0.500 in.	14	1,500	34 lb.	protection
14250H3WRG	14 x 2 1/2 in.	3/8 in. Hex	0.500 in.	14	1,000	28 lb.	
14300H3WRG	14 x 3 in.	3/8 in. Hex	0.500 in.	14	1,000	33 lb.	
14350H3WRG	14 x 3 1/2 in.	3/8 in. Hex	0.500 in.	14	1,000	37 lb.	
14400H3WRG	14 x 4 in.	3/8 in. Hex	0.500 in.	14	1,000	21 lb.	
08100H2WRG	8 x 1 in.	1/4 in. Hex	0.335 in.	18	7,500	39 lb.	
08125H2WRG	8 x 1 1/4 in.	1/4 in. Hex	0.335 in.	18	5,000	31 lb.	
10250H3WRG	10 x 2 1/2 in.	5/16 in. Hex	0.399 in.	16	2,000	34 lb.	EDDM Washer Hydrogen
14075H3WRG	14 x 3/4 in.	3/8 in. Hex	0.500 in.	14	3,500	59 lb.	embrittlement failure protection
14500H5WRG	14 x 5 in.	3/8 in. Hex	0.500 in.	14	1,000	24 lb.	
14600H5WRG	14 x 6 in.	3/8 in. Hex	0.500 in.	14	500	26 lb.	
14800H5WRG	14 x 8 in.	3/8 in. Hex	0.500 in.	14	500	29 lb.	
10150H3RGW	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	36 lb.	

Heavy-Gauge Steel-to-Steel



Ordering Information and Product Options (continued)

ltem No.	Size	Drive Type	Head Diameter	TPI	Quantity	Weight	Special Features
410 Stainless Steel							
08050H3SS	8 x 1/2 in.	1/4 in. Hex	0.335 in.	18	10,000	33 lb.	
08075H3SS	8 x 3/4 in.	1/4 in. Hex	0.335 in.	18	10,000	37 lb.	
08100H3SS	8 x 1 in.	1/4 in. Hex	0.335 in.	18	7,000	30 lb.	
10050H3SS	10 x 1/2 in.	5/16 in. Hex	0.399 in.	16	7,500	39 lb.	
10075H3SS	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	33 lb.	
10100H3SS	10 x 1 in.	5/16 in. Hex	0.399 in.	16	5,000	34 lb.	Underhead serrations
10150H3SS	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	39 lb.	
10200H3SS	10 x 2 in.	5/16 in. Hex	0.399 in.	16	3,000	43 lb.	
12075H3SS	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	38 lb.	
12100H3SS	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	38 lb.	
12125H3SS	12 x 1 1/4 in.	5/16 in. Hex	0.415 in.	14	3,500	31 lb.	
12150H3SS	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	2,500	28 lb.	
12200H3SS	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2,000	37 lb.	
12250H3SS	12 x 2 1/2 in.	5/16 in. Hex	0.415 in.	14	2,000	42 lb.	
12300H3SS	12 x 3 in.	5/16 in. Hex	0.415 in.	14	1,000	31 lb.	
14075H3SS	14 x 3/4 in.	3/8 in. Hex	0.500 in.	14	5,000	38 lb.	
14100H3SS	14 x 1 in.	3/8 in. Hex	0.500 in.	14	3,500	31 lb.	
14125H3SS	14 x 1 1/4 in.	3/8 in. Hex	0.500 in.	14	2,000	36 lb.	
14150H3SS	14 x 1 1/2 in.	3/8 in. Hex	0.500 in.	14	2,000	39 lb.	
14250H3SS	14 x 2 1/2 in.	3/8 in. Hex	0.500 in.	14	1,000	27 lb.	
14300H3SS	14 x 1 1/2 in.	3/8 in. Hex	0.500 in.	14	1,000	39 lb.	
DHH1016112WSS	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	33 lb.	
DHH1214112WSS	12 x 1 1/2 in.	5/16 in. Hex	0.415 in.	14	1,500	39 lb.	
DHH12142WSS	12 x 2 in.	5/16 in. Hex	0.415 in.	14	2,000	32 lb.	
DHH12143WSS	12 x 3 in.	5/16 in. Hex	0.415 in.	14	1,000	34 lb.	
DHH12144WSS	12 x 4 in.	5/16 in. Hex	0.415 in.	14	1,000	33 lb.	EPDM Washer
10075H3WSS	10 x 3/4 in.	5/16 in. Hex	0.399 in.	16	5,000	34 lb.	
10150H3WSS	10 x 1 1/2 in.	5/16 in. Hex	0.399 in.	16	3,500	33 lb.	
12075H3WSS	12 x 3/4 in.	5/16 in. Hex	0.415 in.	14	5,000	35 lb.	-
12100H3WSS	12 x 1 in.	5/16 in. Hex	0.415 in.	14	3,500	34 lb.	

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Hex Head Driller - Exterior PS1043 USA-ENG/Rev. 02-25

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(800) 477-8876 | GrabberPro.com

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**PRODUCTS** 

# Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel

Description	Heavy-gauge steel to heavy-gauge steel connections, fixtures, backup plates, and door frames.	$ \begin{array}{c} \hline \\ \hline $
Specifications	Size   Gauge: #6 to #12 Length: 1/2 in. to 1 5/8 in. Head Type: Pan Head, Flat Pan Head, Low- Profile Flat Pan Head, Pan Framing Head Recess Type: #2 Phillips, T25 Star, #2 LOX® Thread Type: Fine, Single Lead Finish: Clear Zinc, Cr3+Zinc, Phosphate, Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements. Specific fasteners are listed in ICC ESR- 1271; please check the report for listed item numbers.
Applications	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> <li>Pre-fabrication of heavy-gauge steel trusses</li> <li>Strapping to heavy-gauge steel</li> </ul>	<ul> <li>Fixtures to heavy-gauge steel</li> <li>Steel studs to track</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 2,500 RPM, size #12, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>In the pan head family of screws, all are fully seated when the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Pan head family of screws provides a flat bearing surface.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> </ul>	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

### Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 hrs., no red rust
Cr3+Zinc	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
#6	20	14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 lbs.
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
	16 and 22	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10		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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	18	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.

<sup>1</sup>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

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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

### Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel





Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#6	0.305 in.	#2 Phillips	0.100 in.	0.138 in.	20
#8	0.314 in.	#2 Phillips	0.116 in.	0.164 in.	18
	0.313 in.	#2 Phillips	0.132 in.	0.190 in.	16
	0.364 in.	#2 LOX®	0.135 in.	0.190 in.	18
	0.364 in.	#2 LOX®	0.135 in.	0.190 in.	22
#10	0.364 in.	#2 LOX®	0.137 in.	0.190 in.	22
	0.364 in.	T20 Star	0.137 in.	0.190 in.	22
	0.364 in.	T25 Star	0.137 in.	0.190 in.	22
	0.365 in.	#2 Phillips	0.132 in.	0.190 in.	16
	0.364 in.	#2 LOX®	0.156 in.	0.216 in.	18
	0.364 in.	T25 Star	0.156 in.	0.216 in.	18
#12	0.364 in.	#2 LOX®	0.135 in.	0.190 in.	18
	0.364 in.	#2 LOX®	0.135 in.	0.216 in.	18
	0.364 in.	#2 LOX®	0.156 in.	0.216 in.	18

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

### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
19	6 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Pan Framing Head
Yellow Zinc							
FP101875LYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.	ICC ESP-1271 Elet Den Hood
FP101875LYZ4M	10 x 3/4 in.	#2 LOX®	0.364 in.	18	4,000	22 lb.	
FP101875LYZ3	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.	Flat Pan Head
FP102275LYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	22	8,000	42 lb.	ICC ESD-1271 Flat Dan Hoad
FP121875LYZ	12 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	50 lb.	
FP121878LYZ	12 x 7/8 in.	#2 LOX®	0.364 in.	18	6,000	44 lb.	Flat Pan Head
FLP101875LYZ	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.	Low-Profile Flat Pan Head
CFP101875LYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, ICC ESR-1271, Flat Pan Head
CFP101875LYZ1.5	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,500	8 lb.	Collated Elet Dan Hood
CFP101875LYZ3	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	כטוומופט, רומו רמוו חפמט

# Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel



Ordering Information and Product Options (continued)

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features	
Yellow Zinc (continu	ied)							
CFP102275LYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	22	1,000	5 lb.		
CFP121875LYZ	12 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, ICC ESK-1271, Flat Pan Head	
CFP102275TYZ	10 x 3/4 in.	T25 Star	0.364 in.	22	1,000	5 lb.		
CFP102275SYZ	10 x 3/4 in.	#2 LOX®	0.364 in.	22	1,000	5 lb.		
CFP121878LYZ	12 x 7/8 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Colleted Flat Day Hand	
CFP121875LYZ1.5	12 x 3/4 in.	#2 LOX®	0.364 in.	18	1,500	8 lb.	Collated, Flat Pan Head	
CFP121875TYZ	12 x 3/4 in.	T25 Star	0.364 in.	18	1,000	5 lb.		
CCFP12158LYZ	12 x 1 5/8 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.		
Clear Zinc								
19Z	6 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Pan Framing Head	
20Z	8 x 1/2 in.	#2 Phillips	0.314 in.	18	10,000	32 lb.		
10058P3	10 x 5/8 in.	#2 Phillips	0.365 in.	16	7,500	39 lb.	ICC ESR-1271, Pan Head	
10075P3	10 x 3/4 in.	#2 Phillips	0.365 in.	16	5,000	30 lb.		
08075P	8 x 3/4 in.	#2 Phillips	0.314 in.	18	7,500	41 lb.		
08100P	8 x 1 in.	#2 Phillips	0.314 in.	18	7,500	38 lb.		
08150P	8 x 1 1/2 in.	#2 Phillips	0.314 in.	18	5,000	35 lb.		
08200P	8 x 2 in.	#2 Phillips	0.314 in.	18	3,000	28 lb.		
10050P	10 x 1/2 in.	#2 Phillips	0.365 in.	16	10,000	35 lb.		
10075P	10 x 3/4 in.	#2 Phillips	0.365 in.	16	5,000	30 lb.		
10100P	10 x 1 in.	#2 Phillips	0.365 in.	16	5,000	35 lb.	Pan Head	
10150P	10 x 1 1/2 in.	#2 Phillips	0.365 in.	16	3,000	37 lb.		
06075P	6 x 3/4 in.	#2 Phillips	0.305 in.	20	15,000	38 lb.		
06100P	6 x 1 in.	#2 Phillips	0.305 in.	20	15,000	40 lb.		
08050P	8 x 1/2 in.	#2 Phillips	0.314 in.	18	10,000	33 lb.		
10200P	10 x 2 in.	#2 Phillips	0.365 in.	16	2,500	37 lb.		
1058FP	10 x 5/8 in.	#2 Phillips	0.313 in.	16	10,000	40 lb.	Flat Pan Head	
FP101875JBWZ	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.		
FP121878JBWZ	12 x 7/8 in.	#2 LOX®	0.364 in.	18	6,000	44 lb.	ICCESR-12/1, rtat Pall Heau	
FP1218150JBWZ	12 x 1 1/2 in.	#2 LOX®	0.364 in.	18	3,000	38 lb.	Flat Pan Head	
CFP101875JBWZ	10 x 3/4 in.	#2 LOX®	0.364 in.	16	1,000	5 lb.		
CFP101858JBWZ	10 x 5/8 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, ICC ESR-1271, Flat Pan Head	
CFP121878JBWZ	12 x 7/8 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.		
CFP121875L2Z	12 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Colleted Flat Day Hand	
CFP121875TZ	12 x 3/4 in.	T25 Star	0.364 in.	18	1,000	5 lb.	Collated, Flat Pan Head	
Cr3+Zinc								
FP101875LCR3	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.		
FP121875LCR3	12 x 3/4 in.	#2 LOX®	0.364 in.	18	6,000	50 lb.	Flat Pan Head	
FP121878LCR3	12 x 7/8 in.	#2 LOX®	0.364 in.	18	6,000	44 lb.		
CFP101875LZ38	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Colleted Elet Den Used	
CFP101875LCR38	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collaleu, Flat Fan Head	

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Pan Head Driller - Interior PS1010 USA-ENG/Rev. 02-25

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### Pan Head Driller - Exterior

Heavy-Gauge Steel to Heavy-Gauge Steel



Description	Heavy-gauge steel to heavy-gauge steel connections, fixtures, backup plates, and door frames.	$\begin{array}{c} \hline \\ \hline $
Specifications	Size   Gauge: #8 to #12 Length: 1/2 in. to 1 in. Head Type: Pan Head, Flat Pan Head, Low-Profile Flat Pan Head Recess Type: #2 Phillips, #2 LOX® Thread Type: Fine, Single Lead Finish: GrabberGard®, Stainless Steel	Quality Assurance: Grabber <sup>®</sup> 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. Specific fasteners are listed in ICC ESR- 1271; please check the report for listed item numbers.
Applications	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> <li>Pre-fabrication of heavy-gauge steel trusses</li> <li>Strapping to heavy-gauge steel</li> </ul>	<ul> <li>Fixtures to heavy-gauge steel</li> <li>Steel studs to track</li> <li>Steel studs to door frame jamb anchor clips</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM, size #12, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>In the pan head family of screws, all are fully seated when the head is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Pan head family of screws provides a flat bearing surface.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

### Pan Head Driller - Exterior

### Heavy-Gauge Steel to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
GrabberGard <sup>®</sup>	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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
	16 and 22	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10		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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	18	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.

<sup>1</sup>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



D1 D2

D2 D1

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#8	0.314 in.	#2 Phillips	0.116 in.	0.164 in.	18
	0.313 in.	#2 Phillips	0.132 in.	0.190 in.	16
#10	0.364 in.	#2 LOX®	0.135 in.	0.190 in.	18
#10	0.364 in.	#2 LOX®	0.137 in.	0.190 in.	22
	0.365 in.	#2 Phillips	0.132 in.	0.190 in.	16
#12	0.364 in.	#2 LOX®	0.156 in.	0.216 in.	18

### Pan Head Driller - Exterior

Heavy-Gauge Steel to Heavy-Gauge Steel



Ordering Information and Product Options

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray							
10058P3RG	10 x 5/8 in.	#2 Phillips	0.365 in.	16	7,500	39 lb.	ICC CCD 1271 Dep Hood
10075P3RG	10 x 3/4 in.	#2 Phillips	0.365 in.	16	5,000	30 lb.	ICCESR-1271, Pall Head
FP101875JBWRG	10 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.	ICC CCD 1271 Flat Day Haad
FP121878LRG	12 x 7/8 in.	#2 LOX®	0.364 in.	18	7,500	44 lb.	ICC ESR-1271, Flat Pail Head
FLP101875LRG	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	8,000	43 lb.	Low-Profile Pan Head
CFP101875JBWRG	10 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Colleted ICC CCD 1271 Flat Day Hand
CFP121878LRG	12 x 7/8 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	
CFLP101875LRG	10-18 x 3/4 in.	#2 LOX®	0.364 in.	18	1,000	5 lb.	Collated, Low-Profile Flat Pan Head
410 Stainless Steel							
08050PSS	8 x 1/2 in.	#2 Phillips	0.314 in.	18	7,500	37 lb.	
08075PSS	8 x 3/4 in.	#2 Phillips	0.314 in.	18	10,000	52 lb.	
08100PSS	8 x 1 in.	#2 Phillips	0.314 in.	18	7,000	38 lb.	Pan Head
10100PSS	10 x 1 in.	#2 Phillips	0.365 in.	16	5,000	35 lb.	
10075PSS	10 x 3/4 in.	#2 Phillips	0.365 in.	16	5,000	30 lb.	

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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### **Revised Flat Pan Head Driller - Interior**

Heavy-Gauge Steel to Heavy-Gauge Steel







Pan Head

### Description

Heavy-gauge steel to heavy-gauge steel connections.

Specifications	Size   Gauge: #10 Length: 3/4 in. Head Type: Revised Flat Pan Head Recess Type: X-Drive Thread Type: Fine, Single Lead Finish: Clear Zinc Cr3+, 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 C1513 performance requirements.
Applications	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> </ul>	<ul> <li>Strapping to heavy-gauge steel</li> <li>Fixtures to heavy-gauge steel</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #10, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The revised flat pan head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Revised flat pan head design provides a larger load-bearing surface for better holding power.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> </ul>	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

### **Revised Flat Pan Head Driller - Interior**

Heavy-Gauge Steel to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
#10 18		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
	18	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.

<sup>1</sup>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

S

#

crew Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
10	0.447 in.	X-Drive	0.130 in.	0.190 in.	18

### **Revised Flat Pan Head Driller - Interior**

Heavy-Gauge Steel to Heavy-Gauge Steel



Ordering Information and Product Options

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
FP101875XD	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations, Notched upper threads
Yellow Zinc							
FP101875XDYZ	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations,
FP101875XDC35	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	Notched upper threads
MCFP101875XDYZ	10 x 3/4 in.	X-Drive	0.344 in.	18	1,000	5 lb.	Collated, 4 Underhead serrations, Notched upper threads
CFP101875XDYZ	10 x 3/4 in.	X-Drive	0.344 in.	18	1,000	5 lb.	Collated, 4 Underhead serrations, Notched upper threads
Clear Zinc Cr3+							
FP101875XDZ	10 x 3/4 in.	X-Drive	0.344 in.	18	8,000	36 lb.	4 Underhead serrations, Notched upper threads

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Revised Flat Pan Head Driller - Interior PS1012 USA-ENG/Rev. 02-25

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# Heavy-Gauge Steel | Heavy-Gauge Steel to Heavy-Gauge Steel

### **Revised Flat Pan Head Driller - Exterior**

Heavy-Gauge Steel to Heavy-Gauge Steel



		X-Drive Revised Flat Drill Point Pan Head
Description	Heavy-gauge steel to heavy-gauge steel co	onnections.
Specifications	Size   Gauge: #10 and #12 Length: 3/4 in. Head Type: Revised Flat Pan Head Recess Type: X-Drive Thread Type: Fine, Single Lead Finish: GrabberGard®	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> </ul>	<ul><li>Strapping to heavy-gauge steel</li><li>Fixtures to heavy-gauge steel</li></ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #10, up to 2,500 RPM, size #12, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The revised flat pan head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Revised flat pan head design provides a larger load-bearing surface for better holding power.</li> <li>Underhead serrations lock tight in steel-to-steel applications.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

### **Revised Flat Pan Head Driller - Exterior**

Heavy-Gauge Steel to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	18	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		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
	18	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.

<sup>1</sup>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 <sup>2</sup>
#10	0.447 in.	X-Drive	0.130 in.	0.190 in.	18
#12	0.447 in.	X-Drive	0.161 in.	0.216 in.	18

Heavy-Gauge Steel to Heavy-Gauge Steel



Item No. Size **Head Diameter Special Features** Recess TPI Quantity Weight GrabberGard<sup>®</sup> Gray FP101875XDG 10 x 3/4 in. X-Drive 0.344 in. 18 8,000 36 lb. 4 Underhead serrations, Notched upper threads GrabberGard<sup>®</sup> Green FP101875XDC3 10 x 3/4 in. X-Drive 0.344 in. 18 8,000 36 lb. 4 Underhead serrations, X-Drive FP121875XDC3 12 x 3/4 in. 0.344 in. 18 8,000 36 lb. Notched upper threads FP121875XDC35 12 x 3/4 in. X-Drive 0.344 in. 8,000 18 36 lb. 0.344 in. CFP101875XDC3 10 x 3/4 in. X-Drive 18 1,000 5 lb. CFP121875XDC3 12 x 3/4 in. X-Drive 0.344 in. 18 1,000 5 lb. Collated, 4 Underhead serrations, Notched upper threads CFP101875XDC35 10 x 3/4 in. X-Drive 0.344 in. 18 1,000 5 lb. CFP121875XDC35 X-Drive 18 12 x 3/4 in. 0.344 in. 1,000 5 lb.

**Ordering Information and Product Options** 

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.

Revised Flat Pan Head Driller - Exterior PS1047 USA-ENG/Rev. 02-25

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### **Modified Truss Head Driller - Interior**

Steel Framing and Lath to Heavy-Gauge Steel



			Phillips       Modified       Drill Point         Truss Head       Drill Point
Description	Attaches steel lath and he	avy-gauge steel to heavy-gaug	e steel.

Specifications	Size   Gauge: #8 to #12 Length: 1/2 in. to 5 in. Head Type: Modified Truss Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: Clear Zinc	<ul> <li>Quality Assurance: Grabber<sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories.</li> <li>LEED Reporting: The post-consumer recycled steel content is 25%.</li> <li>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.</li> </ul>
Applications	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> <li>Heavy-gauge steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Heavy-gauge steel studs to track</li> <li>K-lath to heavy-gauge steel</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 to #12, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The modified truss head is fully seated when the bearing surface is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Modified truss head design provides a larger load-bearing surface for better holding power.</li> <li>Heavier shank ensures entry in clips of hard steel.</li> </ul>	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>
#### **Modified Truss Head Driller - Interior**

Steel Framing and Lath to Heavy-Gauge Steel



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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
	16	16	0.0566 in.	198 lbs.	370 lbs.
#10		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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	14	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.

<sup>1</sup>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 <sup>2</sup>
#8	0.447 in.	#2 Phillips	0.112 in.	0.164 in.	18
#10	0.447 in.	#2 Phillips	0.132 in.	0.190 in.	16
#12	0.447 in.	#2 Phillips	0.161 in.	0.216 in.	14

 $^{2}\mathsf{TPI}\ \mathsf{stands}\ \mathsf{for}\ \mathsf{Threads}\ \mathsf{Per}\ \mathsf{Inch}.\ \mathsf{This}\ \mathsf{is}\ \mathsf{a}\ \mathsf{count}\ \mathsf{of}\ \mathsf{the}\ \mathsf{number}\ \mathsf{of}\ \mathsf{threads}\ \mathsf{per}\ \mathsf{inch}\ \mathsf{measured}\ \mathsf{along}\ \mathsf{the}\ \mathsf{length}\ \mathsf{of}\ \mathsf{a}\ \mathsf{fastener}.$ 

#### **Modified Truss Head Driller - Interior**

Steel Framing and Lath to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
34Z	8 x 1/2 in.	#2 Phillips	0.447 in.	18	10,000	40 lb.	
234Z	8 x 1/2 in.	#2 Phillips	0.447 in.	18	10,000	40 lb.	
34Z75	8 x 3/4 in.	#2 Phillips	0.447 in.	18	8,000	48 lb.	
35Z	8 x 1 in.	#2 Phillips	0.447 in.	18	5,000	30 lb.	
235Z	8 x 1 in.	#2 Phillips	0.447 in.	18	5,000	30 lb.	
36Z	8 x 1 1/4 in.	#2 Phillips	0.447 in.	18	5,000	35 lb.	ICC ESR-1271
236Z	8 x 1 1/4 in.	#2 Phillips	0.447 in.	18	5,000	35 lb.	
236Z58	8 x 1 1/4 in.	#2 Phillips	0.447 in.	18	4,000	35 lb.	
37Z	8 x 1 5/8 in.	#2 Phillips	0.447 in.	18	4,000	34 lb.	
237Z	8 x 1 5/8 in.	#2 Phillips	0.447 in.	18	4,000	34 lb.	
376Z	8 x 2 in.	#2 Phillips	0.447 in.	18	2,500	25 lb.	ICC ESR-1271
238Z	8 x 2 1/2 in.	#2 Phillips	0.447 in.	18	2,500	30 lb.	
39Z	8 x 3 in.	#2 Phillips	0.447 in.	18	1,000	15 lb.	
234Z10CW58	10 x 3/4 in.	#2 Phillips	0.447 in.	16	5,000	49 lb.	
234Z10CW	10 x 3/4 in.	#2 Phillips	0.447 in.	16	4,000	39 lb.	ICC ESR-1271
34Z10CW	10 x 3/4 in.	#2 Phillips	0.447 in.	16	5,000	30 lb.	
35Z10CW	10 x 1 in.	#2 Phillips	0.447 in.	16	4,000	44 lb.	
236Z10CW	10 x 1 1/4 in.	#2 Phillips	0.447 in.	16	3,500	30 lb.	
37Z10CW	10 x 1 1/2 in.	#2 Phillips	0.447 in.	16	4,000	38 lb.	
240Z	10 x 3 1/2 in.	#2 Phillips	0.447 in.	16	1,000	21 lb.	
241Z	10 x 4 in.	#2 Phillips	0.447 in.	16	800	20 lb.	
242Z	10 x 5 in.	#2 Phillips	0.447 in.	16	500	15 lb.	
234Z12CW	12 x 3/4 in.	#2 Phillips	0.447 in.	14	5,000	33 lb.	

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**Modified Truss Head Driller - Interior** PS1009 USA-ENG/Rev. 02-25

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#### Modified Truss Head Driller - Exterior

Steel Framing and Lath to Heavy-Gauge Steel



		Image: Phillips       Image: Phillips
Description Specifications	Attaches steel lath and heavy-gauge steel f Size   Gauge: #8 to #12 Length: 1/2 in. to 5 in. Head Type: Modified Truss Head Recess Type: #2 Phillips Thread Type: Fine, Single Lead Finish: GrabberGard®	Compliance: The fasteners compliance of the 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	<ul> <li>Heavy-gauge steel framing to heavy-gauge steel</li> <li>Heavy-gauge steel studs to door frame jamb anchor clips</li> </ul>	<ul> <li>Heavy-gauge steel studs to track</li> <li>K-lath to heavy-gauge steel</li> </ul>
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 to #12, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The modified truss head is fully seated when the bearing surface is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Modified truss head design provides a larger load-bearing surface for better holding power.</li> <li>Heavier shank ensures entry in clips of hard steel.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> </ul>

#### **Modified Truss Head Driller - Exterior**

Steel Framing and Lath to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	16	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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	14	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.

<sup>1</sup>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 Depth	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
#8	0.447 in.	#2 Phillips	0.112 in.	0.164 in.	18
#10	0.447 in.	#2 Phillips	0.132 in.	0.190 in.	16
#12	0.447 in.	#2 Phillips	0.161 in.	0.216 in.	14

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

Steel Framing and Lath to Heavy-Gauge Steel



ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard® Gray							
34RG	8 x 1/2 in.	#2 Phillips	0.447 in.	18	10,000	40 lb.	
35RG	8 x 1 in.	#2 Phillips	0.447 in.	18	5,000	30 lb.	
36RG	8 x 1 1/4 in.	#2 Phillips	0.447 in.	18	5,000	35 lb.	
37RG	8 x 1 5/8 in.	#2 Phillips	0.447 in.	18	4,000	34 lb.	
234RG	8 x 1/2 in.	#2 Phillips	0.447 in.	18	10,000	40 lb.	
240G	10 x 3 1/2 in.	#2 Phillips	0.447 in.	16	1,000	21 lb.	
241G	10 x 4 in.	#2 Phillips	0.447 in.	16	800	20 lb.	
242G	10 x 5 in.	#2 Phillips	0.447 in.	16	500	15 lb.	
23412CWRG	12 x 3/4 in.	#2 Phillips	0.447 in.	14	5,000	33 lb.	
23410CWRG	10 x 3/4 in.	#2 Phillips	0.447 in.	16	4,000	39 lb.	ICC ESR-1271

**Ordering Information and Product Options** 

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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<b>Flat Head</b>	<b>PlySteel</b>	Screws -	Interior
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Sheathing to Heavy-Gauge Steel







**Description** Attaches sheathing and plywood/OSB subfloor panels to heavy-gauge steel.

Specifications	Size   Gauge: #10 Length: 1 1/2 in. to 2 1/2 in. Head Type: Flat Head Recess Type: #3 LOX <sup>®</sup> Thread Type: High-Lo Alternating, Single Lead Finish: Yellow Zinc	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Attaches plywood/OSB subfloor paneling</li> </ul>	J and other sheathing to heavy-gauge steel
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #10, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The flat head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> <li>Hi-Lo threads decrease needed torque.</li> <li>Special wings clear away sheathing material as the fastener drives in.</li> </ul>	<ul> <li>The flat head leaves a smooth, finished surface.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

#### Flat Head PlySteel Screws - Interior

Sheathing to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Yellow Zinc	Salt Spray	ASTM B117	24 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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	15	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.

<sup>1</sup>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

s	Screw Gauge	B Head Dia.	Recess	D1 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
	#10	0.368 in.	#3 LOX®	0.211 in.	0.169 in.	15 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features	
Yellow Zinc								
10200L3YZE	10 x 2 in.	#3 LOX®	0.368 in.	15 Hi-Lo	3,500	41 lb.	Winged pilot point	
C10150L3YZH	10 x 1 1/2 in.	#3 LOX®	0.368 in.	15 Hi-Lo	1,000	5 lb.		
C10175L3YZE	10 x 1 3/4 in.	#3 LOX®	0.368 in.	15 Hi-Lo	1,000	5 lb.	Colleted Wingod pilot point	
C10200L3YZE	10 x 2 in.	#3 LOX®	0.368 in.	15 Hi-Lo	1,000	5 lb.	Collated, winged pilot point	
C10250L3YZE	10 x 2 1/2 in.	#3LOX®	0.368 in.	15 Hi-Lo	1,000	5 lb.		

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 Grabber Pro for more information.

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#### Flat Head PlySteel Screws - Interior PS1007 USA-ENG/Rev. 02-25

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Sheathing to Heavy-Gauge Steel







Description	Attaches sheathing and plywood/USB subfloor panels to heavy-gauge steel.					
Specifications	Size   Gauge: #10 and #12 Length: 2 in. to 3 1/2 in. Head Type: Flat Head Recess Type: #3 LOX <sup>®</sup> Thread Type: High-Lo Alternating, Single Lead Finish: GrabberGard <sup>®</sup>	Quality Assurance: Grabber <sup>®</sup> 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	<ul> <li>Attaches plywood/OSB subfloor paneling</li> </ul>	g and other sheathing to heavy-gauge steel				
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #10 up to 2,500 RPM, size #12 up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The flat head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>				
Features	<ul> <li>LOX<sup>®</sup> recess is designed for high- torque applications and will not strip out like most other recesses.</li> <li>Alternating Hi-Lo threads decrease needed torque.</li> <li>Special wings clear away sheathing material as the fastener drives in.</li> </ul>	<ul> <li>The flat head leaves a smooth, finished surface.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>				

#### Flat Head PlySteel Screws - Exterior

Sheathing to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	15	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.
	2 15 18 16 12 12 10	18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12		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.

<sup>1</sup>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 Hi Thread Major Diameter	D2 Lo Thread Major Diameter	TPI <sup>2</sup>
1	#10	0.368 in.	#3 LOX®	0.211 in.	0.169 in.	15 Hi-Lo
	#12	0.368 in.	#3 LOX®	0.230 in.	0.189 in.	15 Hi-Lo

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
GrabberGard®	Gray						
10250SDL3M	10 x 2 1/2 in.	#3 LOX®	0.368 in.	15 Hi-Lo	2,000	15 lb.	
12350SDL3M	12 x 3 1/2 in.	#3 LOX®	0.368 in.	15 Hi-Lo	1,000	25 lb.	
C10200L3GE	10 x 2 in.	#3LOX®	0.368 in.	15 Hi-Lo	1,000	5 lb.	Collated, Winged pilot point

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.

Flat Head PlySteel Screws - Exterior PS1042 USA-ENG/Rev. 02-25

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Trim Head Driller - Interior
Wood Trim Over Gypsum Board to Heavy-Gauge Steel



		Image: SquareImage: StarImage: S
Description	Attaches wood trim over single- or double-	layer gypsum board to heavy-gauge steel.
Specifications	Size   Gauge: #6 to #8 Length: 1 in. to 3 in. Head Type: Trim Head Recess Type: #1 Square, T20 Star Thread Type: Fine, Single Lead Finish: Clear Zinc, Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Attaches wood trim over single- or doub steel studs and track</li> </ul>	le-layer gypsum board to heavy-gauge
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #8, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The trim head is fully seated when it is flush with or just below the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>The trim head leaves a finished surface.</li> <li>The square recess is designed for secure bit engagement in trim to wood or light-gauge steel applications.</li> </ul>	<ul> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>

#### Trim Head Driller - Interior

#### Wood Trim Over Gypsum Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
#6	19	14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 lbs.
		18	0.0451 in.	87 lbs.	234 lbs.
	19	16	0.0566 in.	157 lbs.	330 lbs.
#7		14	0.0713 in.	198 lbs.	466 lbs.
		12	0.1017 in.	283 lbs.	794 lbs.
		10	0.1242 in.	345 lbs.	1,069 lbs.
		18	0.0451 in.	94 lbs.	244 lbs.
#8		16	0.0566 in.	171 lbs.	344 lbs.
	18	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.

<sup>1</sup>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 <sup>2</sup>
#6	0.219 in.	T20 Star	0.098 in.	0.138 in.	19
#7	0.219 in.	#1 Square	0.100 in.	0.151 in.	19
#8	0.219 in.	#1 Square	0.116 in.	0.164 in.	18

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

#### Trim Head Driller - Interior Wood Trim Over Gypsum Board to Heavy-Gauge Steel



**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Phosphate							
17SD	7 x 1 5/8 in.	#1 Square	0.219 in.	19	5,000	27 lb.	
18SD	7 x 2 1/4 in.	#1 Square	0.219 in.	19	4,000	30 lb.	
17SD76	8 x 3 in.	#1 Square	0.219 in.	18	2,000	24 lb.	
17SD1006	6 x 1 in.	T20 Star	0.219 in.	19	10,000	35 lb.	
Clear Zinc							
17SDZ	7 x 1 5/8 in.	#1 Square	0.219 in.	19	5,000	27 lb.	
18SDZ	7 x 2 1/4 in.	#1 Square	0.219 in.	19	4,000	30 lb.	
17SD76Z	8 x 3 in.	#1 Square	0.219 in.	18	2,000	24 lb.	

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.

Trim Head Driller - Interior PS1014 USA-ENG/Rev. 02-25

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#### Trim Head Driller - Exterior

Wood Trim Over Gypsum Board to Heavy-Gauge Steel



		Image: SquareImage: StarImage: S
Description	Attaches wood trim over single- or double-	layer gypsum board to heavy-gauge steel.
Specifications	Size   Gauge: #7 and #8 Length: 1 in. to 3 in. Head Type: Trim Head Recess Type: #1 Square, T20 Star Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup> , Stainless Steel	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements.
Applications	<ul> <li>Attaches wood trim over single- or doub steel studs and track</li> </ul>	le-layer gypsum board to heavy-gauge
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #7 and #8, up to 2,500 RPM.</li> <li>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.</li> </ul>	<ul> <li>The trim head is fully seated when it is flush with or just below the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> <li>The trim head leaves a finished surface.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.</li> </ul>	<ul> <li>GrabberGard<sup>®</sup> exterior-grade coating provides additional protection against corrosion in most exterior applications.</li> <li>The square recess is designed for secure bit engagement in trim to wood or light-gauge steel applications.</li> </ul>

Wood Trim Over Gypsum Board to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	87 lbs.	234 lbs.
		16	0.0566 in.	157 lbs.	330 lbs.
#7	19	14	0.0713 in.	198 lbs.	466 lbs.
		12	0.1017 in.	283 lbs.	794 lbs.
		10	0.1242 in.	345 lbs.	1,069 lbs.
#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.

<sup>1</sup>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 <sup>2</sup>
#7	0.219 in.	#1 Square	0.100 in.	0.151 in.	19
	0.219 in.	T20 Star	0.100 in.	0.151 in.	19
#8	0.219 in.	#1 Square	0.116 in.	0.164 in.	18

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

Wood Trim Over Gypsum Board to Heavy-Gauge Steel



Heavy-Gauge Steel Wood Trim Over Gypsum Board to Heavy-Gauge Steel

**Ordering Information and Product Options** 

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features	
GrabberGard® Gray								
18SDRG	7 x 2 1/4 in.	#1 Square	0.219 in.	19	4,000	30 lb.		
17SD76RG	8 x 3 in.	#1 Square	0.219 in.	18	2,000	23 lb.		
GrabberGard® Black								
17SD100ST	7 x 1 in.	T20 Star	0.219 in.	19	10,000	30 lb.		
410 Stainless Steel								
17SD410	7 x 1 5/8 in.	#1 Square	0.219 in.	19	5,000	27 lb.		

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Trim Head Driller - Exterior PS1049 USA-ENG/Rev. 02-25

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<b>Flat Head</b> Wood to Heav	<b>Driller - Interior</b> vy-Gauge Steel	<b>GRABBER</b> CONSTRUCTION PRODUCTS
Description	Attaches 3/8 in to 1 1/8 in wood product to	$i = \sum_{L \in X^{(0)}} \sum_{S \text{ tar }} \sum_{F \text{ tar Head }} \sum_{D \text{ till Point }} \sum_{Winged } \sum_{D \text{ till Point }} \sum_{D  till Po$
Specifications	Size   Gauge: #8 to #14 Length: 1 5/8 in. to 2 3/4 in. Head Type: Flat Head Recess Type: #2 Phillips, #3 Phillips, #2 LOX <sup>®</sup> , #3 LOX <sup>®</sup> , T25 Star Thread Type: Fine, Single Lead Finish: Clear Zinc, Yellow Zinc	Quality Assurance: Grabber <sup>®</sup> 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	<ul> <li>Attaching plywood or OSB to heavy-gau</li> </ul>	ige steel
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM, sizes #12 and #14, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The flat head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Grabber's Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.</li> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>The flat head design provides better holding power in sheathing and wood to heavy-gauge steel applications.</li> <li>Special wings clear away wood to create a pilot hole through the plywood or OSB.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> <li>Available with #3, #3.5, #4, and #5 drill point.</li> </ul>

#### Flat Head Driller - Interior

Wood to Heavy-Gauge 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

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<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	15 and 18	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.
		18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12	18 and 24	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.
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
#14	20	14	0.0713 in.	318 lbs.	590 lbs.
		12	0.1017 in.	453 lbs.	1,005 lbs.
		10	0.1242 in.	553 lbs.	1,353 lbs.

<sup>1</sup>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

#### Flat Head Driller - Interior

Wood to Heavy-Gauge Steel



В	D1 D2	B	D1 D2	В	D1 D2

Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
<i>#</i> 0	0.313 in.	#2 Phillips	0.116 in.	0.164 in.	18
#0	0.354 in.	#2 LOX®	0.116 in.	0.164 in.	18
#10	0.354 in.	#2 LOX®	0.131 in.	0.190 in.	18
#10	0.368 in.	T25 Star	0.131 in.	0.190 in.	15
	0.362 in.	#2 LOX®	0.152 in.	0.216 in.	18
#12	0.368 in.	#3 LOX®	0.152 in.	0.216 in.	20
	0.413 in.	#3 Philips	0.152 in.	0.216 in.	24
#14	0.476 in.	#3 Phillips	0.164 in.	0.242 in.	20

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features
Clear Zinc							
M175SDZJBW	8 x 1 3/4 in.	#2 LOX®	0.354 in.	18	4,000	32 lb.	#2 Dilat paint
M10178SDZJBW	10 x 1 7/8 in.	#2 LOX®	0.354 in.	18	3,000	30 lb.	
12200FW3	12 x 2 in.	#3 Phillips	0.413 in.	24	2,000	34 lb.	
12225FW3	12 x 2 1/4 in.	#3 Phillips	0.413 in.	24	2,000	37 lb.	
12250FW3	12 x 2 1/2 in.	#3 Phillips	0.413 in.	24	1,500	32 lb.	#3 Winged drill point
12275FW3	12 x 2 3/4 in.	#3 Phillips	0.413 in.	24	1,000	24 lb.	
14275FW3	14 x 2 3/4 in.	#3 Phillips	0.476 in.	20	1,000	31 lb.	
P8516F3	8 x 1 5/16 in.	#2 Phillips	0.313 in.	18	6,000	34 lb.	
P81516F3	8 x 1 15/16 in.	#2 Phillips	0.313 in.	18	4,000	33 lb.	#3 Pilot point
12250F3	12 x 2 1/2 in.	#3 Phillips	0.413 in.	24	1,500	31 lb.	
12200FW4	12 x 2 in.	#3 Phillips	0.413 in.	24	2,000	32 lb.	#/ Wingod pilot point
12275FW4	12 x 2 3/4 in.	#3 Phillips	0.413 in.	24	1,000	23 lb.	#4 winged pilot point
CM158SDZJBW	8 x 1 5/8 in.	#2 LOX®	0.354 in.	18	1,000	5 lb.	
CM175SDZJBW	8 x 1 3/4 in.	#2 LOX®	0.354 in.	18	1,000	5 lb.	Colleted #2 E Dilet point
CM200SDZJBW	8 x 2 in.	#2 LOX®	0.354 in.	18	1,000	5 lb.	Collated, #3.5 Pilot point
CM10178SDZJBW	10 x 1 7/8 in.	#2 LOX®	0.354 in.	18	1,000	5 lb.	
Yellow Zinc							
C12250LYZ	12 x 2 1/2 in.	#2 LOX®	0.362 in.	24	1,500	26 lb.	#5 Pilot point
CC12200LYZ	12 x 2 in.	#2 LOX®	0.362 in.	18	1,000	5 lb.	Colleted #E Wingod drill point
CC12250LYZ	12 x 2 1/2 in.	#2 LOX®	0.362 in.	18	1,000	5 lb.	Contated, #5 winged drift point
CTB12158LYZ	12 x 1 5/8 in.	#2 LOX®	0.362 in.	18	1,000	5 lb.	Collated, #3 Winged drill point
C10175TYZE	10 x 1 3/4 in.	T25 Star	0.368 in.	15	1,000	5 lb.	Collated, Tek 3.5 Winged drill point
C12158LYZ	12 x 1 5/8 in.	#2 LOX®	0.362 in.	18	1,000	5 lb.	Collated, #5 Winged drill point
C1220250L3YZE	12 x 2 1/2 in.	#3 LOX®	0.362 in.	20	1,000	5 lb.	Collated, #5 Pilot point

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Flat Head Driller - Interior PS1006 USA-ENG/Rev. 02-25

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#### Flat Head Driller - Exterior

Wood to Heavy-Gauge Steel



Description	Attaches 3/8 in. to 1 1/8 in. wood product to	$i = \frac{1}{2} $
Specifications	Size   Gauge: #8 to #14 Length: 1 5/8 in. to 3 3/4 in. Head Type: Flat Head Recess Type: #2 Phillips, #3 Phillips, #2 LOX <sup>®</sup> Thread Type: Fine, Single Lead Finish: GrabberGard <sup>®</sup>	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM C1513 performance requirements. Specific fasteners are listed in ICC ESR-4223; please check the report for listed item numbers.
Applications	<ul> <li>Attaching plywood or OSB to heavy-gau</li> </ul>	ge steel
Installation	<ul> <li>Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #8 and #10, up to 2,500 RPM, sizes #12 and #14, up to 1,800 RPM.</li> <li>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.</li> </ul>	<ul> <li>The flat head is fully seated when it is flush with the work surface.</li> <li>The fastener must penetrate beyond the steel three full thread pitches.</li> <li>Overdriving may result in failure of the fastener.</li> </ul>
Features	<ul> <li>Grabber's Phillips is a precision recess designed for better bit engagement resulting in less wobble or strip-out.</li> <li>LOX<sup>®</sup> recess is designed for high-torque applications and will not strip out like most other recesses.</li> <li>Self-tapping drill point is designed for penetration into heavy-gauge steel.</li> </ul>	<ul> <li>The flat head design provides better holding power in sheathing and wood to heavy-gauge steel applications.</li> <li>Special wings clear away wood to create a pilot hole through the plywood or OSB.</li> <li>Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.</li> </ul>

• Available with #3, #3.5, #4, and #5 drill point.

#### Flat Head Driller - Exterior

Wood to Heavy-Gauge Steel



Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
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 Data<sup>1</sup>

Screw Gauge	TPI <sup>2</sup>	Steel Gauge	Design Thickness	Tension	Shear
		18	0.0451 in.	94 lbs.	244 lbs.
		16	0.0566 in.	171 lbs.	344 lbs.
#8	18	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.
		18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
#10	15 and 18	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.
	18 and 24	18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
#12		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.
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
#14	20	14	0.0713 in.	318 lbs.	590 lbs.
		12	0.1017 in.	453 lbs.	1,005 lbs.
		10	0.1242 in.	553 lbs.	1,353 lbs.

<sup>1</sup>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

#### Flat Head Driller - Exterior

Wood to Heavy-Gauge Steel





Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI <sup>2</sup>
"0	0.309 in.	#2 Phillips	0.116 in.	0.164 in.	18
#0	0.325 in.	#2 Phillips	0.116 in.	0.164 in.	18
#10	0.354 in.	#2 LOX®	0.131 in.	0.190 in.	18
μ1 <b>0</b>	0.362 in.	#2 LOX®	0.152 in.	0.216 in.	18
#12	0.413 in.	#3 Philips	0.152 in.	0.216 in.	24
#14	0.476 in.	#3 Phillips	0.164 in.	0.242 in.	20

D1 D2

Product Dimensions

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

#### **Ordering Information and Product Options**

ltem No.	Size	Recess	Head Diameter	TPI	Quantity	Weight	Special Features			
GrabberGard® Gray	GrabberGard® Gray									
MG158SD	8 x 1 5/8 in.	#2 Phillips	0.309 in.	18	6,000	36 lb.				
HG158SD	8 x 1 5/8 in.	#2 Phillips	0.325 in.	18	5,000	35 lb.	#3 Pilot point, Underhead nibs			
MG238SD	8 x 2 3/8 in.	#2 Phillips	0.309 in.	18	2,500	26 lb.				
12200FW3RG	12 x 2 in.	#3 Phillips	0.413 in.	24	2,000	34 lb.	#2 Wingod Dilat point			
12250FW3RG	12 x 2 1/2 in.	#3 Phillips	0.413 in.	24	1,500	32 lb.	#5 Willged Pitot point			
12250F3RG	12 x 2 1/2 in.	#3 Phillips	0.413 in.	24	1,500	32 lb.	#3 Pilot point			
12275FW3RG	12 x 2 3/4 in.	#3 Phillips	0.413 in.	24	1,000	24 lb.	#3 Winged drill point			
14300FW4RG	14 x 3 in.	#3 Phillips	0.476 in.	20	1,000	32 lb.				
14325FW4RG	14 x 3 1/4 in.	#3 Phillips	0.476 in.	20	1,000	35 lb.	#/ Wingod Dilat point			
14350FW4RG	14 x 3 1/2 in.	#3 Phillips	0.476 in.	20	1,000	37 lb.	#4 Winged Pitot point			
14375FW4RG	14 x 3 3/4 in.	#3 Phillips	0.476 in.	20	500	21 lb.				
CM10178JBWRG	10 x 1 7/8 in.	#2 LOX®	0.354 in.	18	1,000	5 lb.	Collated, #3.5 Pilot point			
CMG158SD	8 x 1 5/8 in.	#2 Phillips	0.309 in.	18	1,000	5 lb.	Collated, #3 Pilot point, Underhead nibs			
CC12250LRG	12 x 2 1/2 in.	#2 LOX®	0.362 in.	18	1,000	5 lb.	Collated, ICC ESR-4223, #5 Winged drill point			

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Flat Head Driller - Exterior PS1041 USA-ENG/Rev. 02-25

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Drywall to Wood

# land Nails – Drywall ails

204

## **Ring Shank Drywall Nails** Drywall to Wood



		Flat Round Head
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: 12.5 Length: 1 1/4 in. to 2 in. Head Type: Flat Round Shank Type: Ring Finish: Uncoated Steel (Bright)	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM F1667 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood</li> </ul>
Installation	The head is fully seated when it's just be	elow the surface of the gypsum board.
Features	<ul> <li>Flat round head provides a large area to hold the gypsum board securely.</li> <li>Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond.</li> </ul>	<ul> <li>Long, diamond-shaped point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>

#### **Ring Shank Drywall Nails**

Drywall to Wood





Nail Gauge	B Head Diameter	Wire Diameter		
12.5	0.3438 in.	0.099 in.		

**Ordering Information and Product Options** 

ltem No.	Size	Head Type	Head Diameter	Gauge	Shank Type	Quantity	Weight	Special Features
Bright								
DWAT125	1 1/4 in.	Flat Round	0.3438 in.	12.5	Ring	16,250	50 lb.	
DWAT138	1 3/8 in.	Flat Round	0.3438 in.	12.5	Ring	14,900	50 lb.	
DWAT158	1 5/8 in.	Flat Round	0.3438 in.	12.5	Ring	12,770	50 lb.	
DWAT200	2 in.	Flat Round	0.3438 in.	12.5	Ring	10,520	50 lb.	

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Ring Shank Drywall Nails PS1062 USA-ENG/Rev. 02-25

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#### Cement-Coated Drywall Nails

Drywall to Wood



		Flat Round Head Shank Point
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: 12.5 and 13 Length: 1 1/4 in. to 2 3/8 in. Head Type: Flat Round Shank Type: Smooth Finish: Cement	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM F1667 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood</li> </ul>
Installation	The head is fully seated when it's just be	elow the surface of the gypsum board.
Features	<ul> <li>Flat round head provides a large area to hold the gypsum board securely.</li> <li>Smooth shank penetrates the wood easily and smoothly.</li> </ul>	<ul> <li>Long, diamond-shaped point is designed to easily drive into wood, and it helps prevent splitting.</li> <li>Cement coating helps drywall compound adhere better to the nail head.</li> </ul>

#### **Cement-Coated Drywall Nails**

Drywall to Wood





Product Dimensions

t S	Nail Gauge	B Head Diameter	Wire Diameter		
	12.5	0.3438 in.	0.099 in.		
	13	0.3750 in.	0.091 in.		

**Ordering Information and Product Options** 

ltem No.	Size	Head Type	Head Diameter	Gauge	Shank Type	Quantity	Weight	Special Features
Cement								
DWCC125H	1 1/4 in.	Flat Round	0.3438 in.	12.5	Smooth	16,250	50 lb.	
DWCC138	1 3/8 in.	Flat Round	0.3750 in.	13	Smooth	17,000	50 lb.	
DWCC138125G	1 3/8 in.	Flat Round	0.3750 in.	12.5	Smooth	15,750	50 lb.	
DWCC150	1 1/2 in.	Flat Round	0.3750 in.	13	Smooth	16,000	50 lb.	
DWCC178	1 7/8 in.	Flat Round	0.3750 in.	13	Smooth	13,000	50 lb.	
DWCC200	2 in.	Flat Round	0.3750 in.	13	Smooth	12,000	50 lb.	
DWCC200125G	2 in.	Flat Round	0.3750 in.	12.5	Smooth	10,000	50 lb.	
DWCC238	2 3/8 in.	Flat Round	0.3750 in.	13	Smooth	10,000	50 lb.	-

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## Cupped Head Drywall Nails Drywall to Wood



		Cupped Head Shank Diamond Point
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: 11.5 to 13 Length: 1 3/16 in. to 2 3/8 in. Head Type: Cupped Shank Type: Smooth Finish: Phosphate	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM F1667 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood</li> </ul>
Installation	The head is fully seated when it's just be	low the surface of the gypsum board.
Features	<ul> <li>Cupped head provides a large area to hold the gypsum board and the drywall compound securely.</li> <li>Smooth shank penetrates the wood easily and smoothly.</li> </ul>	<ul> <li>Long, diamond-shaped point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>

#### **Cupped Head Drywall Nails**

Drywall to Wood





Product Dimensions

t S	Nail Gauge	B Head Diameter	Wire Diameter
	11.5	0.2969 in.	0.091 in.
	11.5	0.3750 in.	0.099 in.
	12.5	0.3438 in.	0.099 in.
	13	0.2969 in.	0.091 in.
	13	0.3125 in.	0.091 in.
	13	0.3438 in.	0.091 in.
	13	0.3750 in.	0.091 in.

**Ordering Information and Product Options** 

ltem No.	Size	Head Type	Head Diameter	Gauge	Shank Type	Quantity	Weight	Special Features
Phosphate								
DWCH1316	1 3/16 in.	Cupped	0.2969 in.	13	Smooth	19,800	50 lb.	
DWCH138	1 3/8 in.	Cupped	0.2969 in.	13	Smooth	17,000	50 lb.	-
DWCH138G	1 3/8 in.	Cupped	0.3438 in.	12.5	Smooth	17,000	50 lb.	-
DWCH138B	1 3/8 in.	Cupped	0.2969 in.	13	Smooth	17,000	50 lb.	
DWCH138T	1 3/8 in.	Cupped	0.3125 in.	13	Smooth	17,000	50 lb.	-
DWCH150G	1 1/2 in.	Cupped	0.3438 in.	12.5	Smooth	15,800	50 lb.	-
DWCH158	1 5/8 in.	Cupped	0.2969 in.	13	Smooth	14,600	50 lb.	
DWCH158T	1 5/8 in.	Cupped	0.3750 in.	13	Smooth	14,600	50 lb.	
DWCH158G	1 5/8 in.	Cupped	0.3438 in.	12.5	Smooth	14,600	50 lb.	-
DWCH178	1 7/8 in.	Cupped	0.2969 in.	13	Smooth	12,500	50 lb.	-
DWCH178B	1 7/8 in.	Cupped	0.2969 in.	13	Smooth	12,500	50 lb.	-
DWCH178T	1 7/8 in.	Cupped	0.3125 in.	13	Smooth	12,500	50 lb.	
DWCH178G	1 7/8 in.	Cupped	0.3438 in.	12.5	Smooth	12,500	50 lb.	
DWCH218	2 1/8 in.	Cupped	0.3750 in.	11.5	Smooth	12,000	50 lb.	-
DWCH238G	2 3/8 in.	Cupped	0.3750 in.	11.5	Smooth	10,000	50 lb.	-
DWCH138RS	1 3/8 in.	Cupped	0.2969 in.	13	Smooth	17,000	50 lb.	-

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#### Galvanized Ring Shank Drywall Nails

Drywall to Wood



		Flat Round Head Head Head Head Head Head Head Hea
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: 12.5 and 13 Length: 1 1/4 in. and 2 in. Head Type: Flat Round Shank Type: Ring Finish: Galvanized	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM F1667 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood</li> </ul>
Installation	The head is fully seated when it's just be	elow the surface of the gypsum board.
Features	<ul> <li>Flat round head provides a large area to hold the gypsum board securely.</li> <li>Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond.</li> </ul>	<ul> <li>Long, diamond-shaped point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>

#### Galvanized Ring Shank Drywall Nails

Drywall to Wood





Product Dimensions

S	Nail Gauge	B Head Diameter	Wire Diameter
	13	0.2969 in.	0.099 in.
	12.5	0.2969 in.	0.099 in.

**Ordering Information and Product Options** 

ltem No.	Size	Head Type	Head Diameter	Gauge	Shank Type	Quantity	Weight	Special Features
Galvanized								
DWRS125-13G	1 1/4 in.	Flat Round	0.2969 in.	13	Ring	16,000	50 lb.	
DWRS125G	1 1/4 in.	Flat Round	0.2969 in.	12.5	Ring	16,000	50 lb.	
DWRS125B	1 1/4 in.	Flat Round	0.2969 in.	12.5	Ring	16,000	50 lb.	Dluo
DWRS200B	2 in.	Flat Round	0.2969 in.	12.5	Ring	10,000	50 lb.	Diue

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# Vinyl-Coated Drywall Nails Drywall to Wood



		Flat Round Head Shank Point
Description	Attaches gypsum board to wood.	
Specifications	Size   Gauge: 12.5 Length: 1 5/8 in. and 2 in. Head Type: Flat Round Shank Type: Smooth Finish: Vinyl	<b>Quality Assurance:</b> Grabber <sup>®</sup> fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. <b>LEED Reporting:</b> The post-consumer recycled steel content is 25%. <b>Compliance:</b> The fasteners comply with ASTM F1667 performance requirements.
Applications	<ul> <li>3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to wood studs</li> </ul>	<ul> <li>1/2 in. and 5/8 in. double-layer gypsum board to wood</li> </ul>
Installation	The head is fully seated when it's just be	elow the surface of the gypsum board.
Features	<ul> <li>Flat round head provides a large area to hold the gypsum board securely.</li> <li>Smooth, vinyl-coated shank easily penetrates the wood.</li> </ul>	<ul> <li>Long, diamond-shaped point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>

#### Vinyl-Coated Drywall Nails

Drywall to Wood





**Ordering Information and Product Options** 

ltem No.	Size	Head Type	Head Diameter	Gauge	Shank Type	Quantity	Weight	Special Features
Vinyl								
DWVC158	1 5/8 in.	Flat Round	0.2969 in.	12.5	Smooth	12,770	50 lb.	
DWVC200	2 in.	Flat Round	0.2969 in.	12.5	Smooth	10,520	50 lb.	-

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Wood Framing Nails
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# Nails Pneumatic Nails-Plastic Strip

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#### 21° Plastic Strip Collated Nails

Wood Framing Nails



Ring Shank	Screw Shank	Image: State of the state
Description	21° Plastic strip wood framing nails.	
Specifications	Size   Gauge: 0.113 in. to 0.162 in. Length: 2 in. to 5 in. Head Type: Full Round Shank Type: Ring, Screw, Smooth Finish: Bright, Hot-Dip Galvanized, Stainless Steel, Thermal Diffusion Galvanized	Quality Assurance: Grabber <sup>®</sup> 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 F1667 performance requirements.
Applications	<ul> <li>Wood-to-wood framing</li> </ul>	<ul> <li>General wood construction</li> </ul>
Installation	<ul> <li>Use with any 21° pneumatic nail gun.</li> </ul>	<ul> <li>The head is fully seated when it is flush with the work surface.</li> </ul>
Features	<ul> <li>Full round head nails provide a larger load-bearing surface for framing and general construction.</li> <li>Smooth shank penetrates the wood easily and smoothly.</li> <li>Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond.</li> </ul>	<ul> <li>Nails with screw or spiral shanks rotate during installation, increasing pull-out resistance.</li> <li>Diamond point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>
### 21° Plastic Strip Collated Nails Wood Framing Nails







Product Dimensions

: ;	B Head Diameter	Wire Diameter	Shank Type
	0.276 in.	0.113 in.	Ring
	0.276 in.	0.113 in.	Smooth
	0.276 in.	0.113 in.	Screw
	0.276 in.	0.120 in.	Ring
	0.276 in.	0.120 in.	Smooth
	0.276 in.	0.120 in.	Screw
	0.276 in.	0.121 in.	Screw
	0.276 in.	0.131 in.	Ring
	0.276 in.	0.131 in.	Smooth
	0.295 in.	0.148 in.	Ring
	0.295 in.	0.148 in.	Smooth
	0.319 in.	0.162 in.	Smooth

### **Ordering Information and Product Options**

ltem No.	Length	Head Type	Head Diameter	Shank Diameter	Shank Type	Amount	Weight	Special Features
Bright								
12 Gauge								
PS238113RGBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	5,000	33 lb.	
PS238113RGBR2M	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	13 lb.	_
PS238113RGBRM	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	1,000	7 lb.	_
PROPS238113RGBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	5,000	35 lb.	-
PS238113SCBRM	2 3/8 in.	Round	0.276 in.	0.113 in.	Screw	1,000	14 lb.	-
PS238113BR	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	5,000	33 lb.	
PS238113BR2M	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	2,000	14 lb.	
11 Gauge								
PS238120BR	2 3/8 in.	Round	0.276 in.	0.120 in.	Smooth	4,800	30 lb.	
PS300120RGBR	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	39 lb.	-
PS300120SCBR	3 in.	Round	0.276 in.	0.120 in.	Screw	4,000	39 lb.	
PS300120BR	3 in.	Round	0.276 in.	0.120 in.	Smooth	4,000	39 lb.	
PS300120BR2M	3 in.	Round	0.276 in.	0.120 in.	Smooth	2,000	19 lb.	-
PS314120BR	3 1/4 in.	Round	0.276 in.	0.120 in.	Smooth	4,000	43 lb.	-
PS314120BR2M	3 1/4 in.	Round	0.276 in.	0.120 in.	Smooth	2,000	21 lb.	-

### 21° Plastic Strip Collated Nails

Wood Framing Nails



Ordering Information and Product Options (continued)

ltem No.	Length	Head Type	Head Diameter	Shank Diameter	Shank Type	Amount	Weight	Special Features
Bright (continued)								
10 Gauge								
PS212131RGBR	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	4,000	37 lb.	
PS212131RSBR	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	5,000	49 lb.	
PS212131BR	2 1/2 in.	Round	0.276 in.	0.131 in.	Smooth	5,000	49 lb.	
PS300131BR	3 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	46 lb.	
PS300131RGBR	3 in.	Round	0.276 in.	0.131 in.	Ring	4,000	46 lb.	
PS300131RGBR	3 in.	Round	0.276 in.	0.131 in.	Ring	4,000	46 lb.	
PS300131BR2M	3 in.	Round	0.276 in.	0.131 in.	Smooth	2,000	22 lb.	
PS300131BRM	3 in.	Round	0.276 in.	0.131 in.	Smooth	1,000	10 lb.	
PS314131BR	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	50 lb.	
PS314131BR2M	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	2,000	24 lb.	
PS314131BR2M	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	2,000	24 lb.	
PS314131BRM	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	1,000	11 lb.	
PS312131BR	3 1/2 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	54 lb.	
9 Gauge								
PS214148BR	2 1/4 in.	Round	0.295 in.	0.148 in.	Smooth	4,000	40 lb.	
PS238148RGBRM	2 3/8 in.	Round	0.295 in.	0.148 in.	Ring	1,000	7 lb.	
PS300148BR	3 in.	Round	0.295 in.	0.148 in.	Smooth	4,000	59 lb.	
PS314148BR	3 1/4 in.	Round	0.295 in.	0.148 in.	Smooth	4,000	52 lb.	
PS500148BR	5 in.	Round	0.295 in.	0.148 in.	Smooth	1,800	43 lb.	
8 Gauge								
PS314162BR	3 1/4 in.	Round	0.319 in.	0.162 in.	Smooth	3,000	55 lb.	
PS312162BR	3 1/2 in.	Round	0.319 in.	0.162 in.	Smooth	3,000	60 lb.	
Hot-Dipped Galvanize	d							
12 Gauge								
PS200113RGHDGM	2 in.	Round	0.276 in.	0.113 in.	Ring	1,000	6 lb.	
PS200113RGHDG	2 in.	Round	0.276 in.	0.113 in.	Ring	2,000	37 lb.	
PS238113RGHDG2M	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	17 lb.	
PS238113RGHDGM	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	1,000	8 lb.	
PS238113RGHDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	5,000	35 lb.	
PS238113RGHDG2	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	14 lb.	
PS238113SCHDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Screw	5,000	35 lb.	
PS238113HDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	5,000	35 lb.	
11 Gauge								
PS300120RGHDGM	3 in.	Round	0.276 in.	0.120 in.	Ring	1,000	9 lb.	
PS300120RGHDG	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	39 lb.	
PS300120SCHDG	3 in.	Round	0.276 in.	0.120 in.	Screw	4,000	39 lb.	
PS300120HDG	3 in.	Round	0.276 in.	0.120 in.	Smooth	4,000	39 lb.	
PS314120RGHDG	3 1/4 in.	Round	0.276 in.	0.120 in.	Ring	4,000	42 lb.	

### 21° Plastic Strip Collated Nails

Wood Framing Nails



**Ordering Information and Product Options (continued)** 

ltem No.	Length	Head Type	Head Diameter	Shank Diameter	Shank Type	Amount	Weight	Special Features
Hot-Dipped Galvanize	d (continue	d)						
11 Gauge (continued	I)							
PS314120RGHDG2M	3 1/4 in.	Round	0.276 in.	0.120 in.	Ring	2,000	20 lb.	
PS314120RGHDG	3 1/4 in.	Round	0.276 in.	0.120 in.	Ring	4,000	56 lb.	
PS314121SCHDG	3 1/4 in.	Round	0.276 in.	0.120 in.	Screw	4,000	42 lb.	
PS3120RGHDG2	3 1/2 in.	Round	0.276 in.	0.120 in.	Ring	2,000	19 lb.	
10 Gauge								
PS212131RSHDG	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	5,000	49 lb.	
PS212131RGHDG	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	5,000	49 lb.	
PS212131HDG	2 1/2 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	40 lb.	
PS300131RGHDG	3 in.	Round	0.276 in.	0.131 in.	Ring	4,000	46 lb.	
PS300131HDG	3 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	46 lb.	
PS314131RGHDG	3 1/4 in.	Round	0.276 in.	0.131 in.	Ring	4,000	50 lb.	
PS314131HDG	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	50 lb.	
9 Gauge								
PS300148HDG	3 in.	Round	0.295 in.	0.148 in.	Smooth	4,000	59 lb.	
Thermal Diffusion Gal	vanized							
12 Gauge								
PS238113RGTDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	5,000	35 lb.	
PS238113SCTDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Screw	5,000	35 lb.	
11 Gauge								
PS300120RGTDG	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	39 lb.	
PS300120SCTDG	3 in.	Round	0.276 in.	0.120 in.	Screw	4,000	39 lb.	
PS314121SCTDG	3 1/4 in.	Round	0.276 in.	0.121 in.	Screw	4,000	42 lb.	
10 Gauge								
PS314131RGTDG	3 1/4 in.	Round	0.276 in.	0.131 in.	Ring	4,000	50 lb.	
PS314131TDG	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	50 lb.	
Stainless Steel								
12 Gauge								
PS08113SSR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	5,000	35 lb.	

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.

21° Plastic Strip Collated Nails PS1067 USA-ENG/Rev. 02-25

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Wood Framing Nails	222
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# Pneumatic Nails-Paper Tape Nails



### Pneumatic Nails – Paper Tape | Wood Framing Nails

### 30° Paper Tape Collated Nails

0.287 in.

0.287 in.

0.291 in.

### Wood Framing Nails



Applications	<ul><li>Wood-to-wood framing</li><li>Joist hanging</li></ul>		General wood construction
Installation	<ul> <li>Use with any 30° pneum</li> </ul>	atic nail gun. ■	The head is fully seated when it is flush with the work surface.
Features	<ul> <li>Full round head nails pr load-bearing surface fo general construction.</li> <li>Clipped and offset round the nails to sit closer tog collation, and they take</li> <li>Smooth shank penetrate easily and smoothly.</li> </ul>	ovide a larger r framing and d heads allow gether in the up less space. es the wood	Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond. Diamond point is designed to easily drive into wood, and it helps prevent splitting.
Product	B Head Diameter	Wire Diameter	Shank Type
DIIIIelisiolis	0.266 in.	0.113 in.	Ring
	0.266 in.	0.113 in.	Smooth
	0.266 in.	0.120 in.	Ring
	0.266 in.	0.120 in.	Smooth
	0.275 in.	0.131 in.	Ring
	0.275 in.	0.131 in.	Smooth
	0.287 in.	0.113 in.	Ring
	0.287 in.	0.113 in.	Smooth
	0.287 in.	0.120 in.	Ring
	0.287 in.	0.120 in.	Smooth
	0.287 in.	0.131 in.	Smooth

0.148 in.

0.162 in.

0.131 in.

Smooth

Smooth

Smooth

Wood Framing Nails



**Ordering Information and Product Options** 

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Bright								
12 Gauge								
PT238113RGBR	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Ring	5,000	35 lb.	
PT238113RGBR2M	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Ring	2,000	14 lb.	
PT238113BRC	2 3/8 in.	Clipped	0.287 in.	0.113 in.	Smooth	2,000	14 lb.	
PT238113BR	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Smooth	5,000	14 lb.	
PT238113BR2M	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Smooth	2,000	6 lb.	
11 Gauge								
PT300120RGBR	3 in.	Offset Round	0.266 in.	0.120 in.	Ring	2,000	20 lb.	
PT300120BR	3 in.	Offset Round	0.266 in.	0.120 in.	Smooth	2,000	20 lb.	
PT300120BRC	3 in.	Clipped	0.287 in.	0.120 in.	Smooth	2,000	20 lb.	
PT314120BRC	3 1/4 in.	Clipped	0.287 in.	0.120 in.	Smooth	2,000	21 lb.	
PT314120BR	3 1/4 in.	Offset Round	0.266 in.	0.120 in.	Smooth	2,000	21 lb.	
PT314120BR2M	3 1/4 in.	Offset Round	0.266 in.	0.120 in.	Smooth	2,000	21 lb.	
10 Gauge								
PT112131JHNBR	1 1/2 in.	Round	0.287 in.	0.131 in.	Smooth	2,000	12 lb.	Joist Hanger Nail
PT300131BR	3 in.	Offset Round	0.275 in.	0.131 in.	Smooth	2,500	29 lb.	
PT314131BR	3 1/4 in.	Offset Round	0.275 in.	0.131 in.	Smooth	2,500	31 lb.	
PT314131BRC	3 1/4 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,500	31 lb.	
PT312131BRC	3 1/2 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,500	31 lb.	
9 Gauge								
PT112148JHNBR	1 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	3,000	24 lb.	laist Hanger Neil
PT212148JHNBR	2 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	3,000	31 lb.	Just hanger nall

### **30° Paper Tape Collated Nails**

Wood Framing Nails



**Ordering Information and Product Options (continued)** 

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Hot-Dipped Galvanize	d							
12 Gauge								
PT2113RGHDG	2 in.	Offset Round	0.266 in.	0.113 in.	Ring	2,000	12 lb.	
PT200113RGHDGC	2 in.	Clipped	0.287 in.	0.113 in.	Ring	2,000	12 lb.	
PT238113RGHDGC	2 3/8 in.	Clipped	0.287 in.	0.113 in.	Ring	2,000	14 lb.	
PT238113RGHDG	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Ring	2,000	14 lb.	
PT238113HDG	2 3/8 in.	Offset Round	0.266 in.	0.113 in.	Smooth	5,000	35 lb.	
11 Gauge								
PT238120RGHDGC	2 3/8 in.	Clipped	0.287 in.	0.120 in.	Ring	4,800	43 lb.	
PT300120RGHDGC	3 in.	Clipped	0.287 in.	0.120 in.	Ring	2,000	19 lb.	
PT300120RGHDG	3 in.	Offset Round	0.266 in.	0.120 in.	Ring	2,000	19 lb.	
PT3120HDG	3 in.	Offset Round	0.266 in.	0.120 in.	Smooth	2,000	19 lb.	
PT314120RGHDG	3 1/4 in.	Offset Round	0.266 in.	0.120 in.	Ring	2,000	21 lb.	
10 Gauge								
PT212131JHNHDG	2 1/2 in.	Round	0.287 in.	0.131 in.	Smooth	2,500	30 lb.	Joist Hanger Nail
PT3131RGHDG	3 in.	Offset Round	0.275 in.	0.131 in.	Ring	2,000	23 lb.	
PT300131HDGC	3 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,500	30 lb.	
PT3131HDG	3 in.	Offset Round	0.275 in.	0.131 in.	Smooth	2,000	23 lb.	
PT314131HDG	3 1/4 in.	Offset Round	0.275 in.	0.131 in.	Smooth	2,000	25 lb.	
9 Gauge								
PT112148JHNHDG	1 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	3,000	23 lb.	
PT112148JHNHDGM	1 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	1,000	8 lb.	laiat Hangar Nail
PT112148JHNHDG2M	1 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	2,000	16 lb.	JUIST Hallyer Nait
PT212148JHNHDG	2 1/2 in.	Round	0.287 in.	0.148 in.	Smooth	2,500	32 lb.	
8 Gauge								
PT212162JHNHDG	2 1/2 in.	Round	0.287 in.	0.162 in	Smooth	2,000	27 lb.	Joist Hanger Nail

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.

30° Paper Tape Collated Nails PS1068 USA-ENG/Rev. 02-25

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Wood Framing Nails	228

# **Pneumatic Nails-Wire Strip** Nails

### 28° Wire Strip Collated Nails

Wood Framing Nails





### **Description** 28° Wire strip collated nails for framing.

SpecificationsSize | Gauge: 0.113 in. to 0.131 in.<br/>Length: 2 in. to 3 1/4 in.<br/>Head Type: Clipped, Offset Round,<br/>Full RoundQuality Assurance: Grabber® fasteners<br/>are manufactured in ISO 9001 and<br/>ISO 14001 certified and approved factories.<br/>LEED Reporting: The post-consumer<br/>recycled steel content is 25%.Shank Type: Ring, Screw, Smooth<br/>Finish: Bright, Hot-Dip GalvanizedCompliance: The fasteners comply with<br/>ASTM F1667 performance requirements.

### 28° Wire Strip Collated Nails

Wood Framing Nails



Applications	<ul> <li>Wood-to-wood framing</li> </ul>	<ul> <li>General wood utility construction</li> </ul>
Installation	<ul> <li>Use with any 28° pneumatic nail gun.</li> </ul>	<ul> <li>The head is fully seated when it is flush with the work surface.</li> </ul>
Features	<ul> <li>Full round head nails provide a larger load-bearing surface for framing and general construction.</li> <li>Clipped and offset round heads allow the nails to sit closer together in the collation, and they take up less space.</li> <li>Smooth shank penetrates the wood easily and smoothly.</li> </ul>	<ul> <li>Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond.</li> <li>Nails with screw or spiral shanks rotate during installation, increasing pull-out resistance.</li> <li>Diamond point is designed to easily drive into wood, and it helps prevent splitting.</li> </ul>



Product Dimensions

B Head Diameter	Wire Diameter	Shank Type
0.266 in.	0.120 in.	Smooth
0.276 in.	0.113 in.	Ring
0.276 in.	0.113 in.	Screw
0.276 in.	0.113 in.	Smooth
0.276 in.	0.120 in.	Ring
0.276 in.	0.120 in.	Smooth
0.276 in.	0.131 in.	Ring
0.287 in.	0.113 in.	Smooth
0.287 in.	0.120 in.	Ring
0.287 in.	0.120 in.	Smooth
0.291 in.	0.131 in.	Smooth

Wood Framing Nails



**Ordering Information and Product Options** 

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Bright								
12 Gauge								
WS238113RGBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	28 lb.	
WS238113BR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	28 lb.	
WS238113SCBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Screw	2,000	28 lb.	
WW238113BR	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	2,000	28 lb.	
11 Gauge								
WS300120RG	3 in.	Round	0.276 in.	0.120 in.	Ring	2,000	19 lb.	
WS300120BR	3 in.	Clipped	0.287 in.	0.120 in.	Smooth	2,000	19 lb.	
WW300120BR	3 in.	Round	0.276 in.	0.120 in.	Smooth	2,000	19 lb.	
WS314120BR	3 1/4 in.	Clipped	0.287 in.	0.120 in.	Smooth	2,000	25 lb.	
WW314120BR	3 1/4 in.	Offset Round	0.266 in.	0.120 in.	Smooth	2,000	20 lb.	
10 Gauge								
WS300131BR	3 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,000	23 lb.	
WS314131BR	3 1/4 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,000	25 lb.	
Hot-Dip Galvanized								
12 Gauge								
WW200113RGHDG	2 in.	Round	0.276 in.	0.113 in.	Ring	2,000	19 lb.	
WS238113RGHDG	2 3/8 in.	Clipped	0.287 in.	0.113 in.	Ring	2,000	14 lb.	
WW238113RGHDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,000	14 lb.	
WS238113HDG	2 3/8 in.	Clipped	0.287 in.	0.113 in.	Smooth	2,000	14 lb.	
11 Gauge								
WS300120RGHDG	3 in.	Clipped	0.287 in.	0.120 in.	Ring	2,000	19 lb.	
WW300120RGHDG	3 in.	Round	0.276 in.	0.120 in.	Ring	2,000	19 lb.	
WS300120HDG	3 in.	Clipped	0.287 in.	0.120 in.	Smooth	2,000	19 lb.	
10 Gauge								
WS3131RGHDG	3 in.	Round	0.276 in.	0.131 in.	Ring	2,000	20 lb.	
WS314131RGHDG	3 1/4 in.	Round	0.276 in.	0.131 in.	Ring	2,000	19 lb.	
WS314131HDG	3 1/4 in.	Clipped	0.291 in.	0.131 in.	Smooth	2,000	19 lb.	

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.

28° Wire Strip Collated Nails PS1069 USA-ENG/Rev. 02-25

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### Wood Framing, Siding, and Pallet Nails

ails neumatic Nails-Wire Coil

### 15° Wire Coil Collated Nails Wood Framing, Siding, and Pallet Nails **RUCTION PRODUCTS** 0 Wood-to-Wood Framing Wood Siding to Wood Framing Full Round Ring Shank Screw Diamond Smooth Head Shank Shank Point

**Description** 15° Wire coil collated nails for framing, siding, and pallet construction.

General Wood Utility and Pallet Construction

Specifications	Size   Gauge: 0.083 in. to 0.131 in. Length: 1 1/4 in. to 3 1/4 in. Head Type: Full Round Shank Type: Ring, Screw, Smooth Finish: Bright, Electrogalvanized, Hot-Dip Galvanized, Stainless Steel, Thermal Diffusion Galvanized	Quality Assurance: Grabber <sup>®</sup> 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 F1667 performance requirements.
Applications	<ul><li>Wood-to-wood framing</li><li>Wood siding to wood framing</li></ul>	<ul><li>Pallet construction</li><li>General wood utility construction</li></ul>
Installation	<ul> <li>Use with any 15° pneumatic coil nail gun.</li> </ul>	<ul> <li>The head is fully seated when it is flush with the work surface.</li> </ul>

Wood Framing, Siding, and Pallet Nails



### Features

- Full round head nails provide a larger load-bearing surface for framing and general construction.
- Smooth shank penetrates the wood easily and smoothly.
- Ring shank nails have robust holding power. As the nail penetrates wood, fibers lock around the grooves in the shank, creating a durable bond.
- Nails with screw or spiral shanks rotate during installation, increasing pull-out resistance.
- Diamond point is designed to easily drive into wood, and it helps prevent splitting.



Product Dimensions

B Head Diameter	Wire Diameter	Shank Type
0.213 in.	0.083 in.	Ring
0.213 in.	0.083 in.	Screw
0.220 in.	0.084 in.	Screw
0.220 in.	0.086 in.	Screw
0.220 in.	0.090 in.	Ring
0.220 in.	0.090 in.	Ring
0.220 in.	0.090 in.	Screw
0.220 in.	0.092 in.	Ring
0.220 in.	0.092 in.	Smooth
0.220 in.	0.093 in.	Ring
0.248 in.	0.099 in.	Smooth
0.260 in.	0.099 in.	Ring
0.260 in.	0.099 in.	Screw
0.276 in.	0.113 in.	Ring
0.276 in.	0.113 in.	Screw
0.276 in.	0.113 in.	Smooth
0.276 in.	0.120 in.	Ring
0.276 in.	0.120 in.	Screw
0.276 in.	0.120 in.	Smooth
0.276 in.	0.131 in.	Ring
0.276 in.	0.131 in.	Screw
0.276 in.	0.131 in.	Smooth

Wood Framing, Siding, and Pallet Nails



Ordering Information and Product Options

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Bright								
14 Gauge								
WC114083RGBR	1 1/4 in.	Round	0.213 in.	0.083 in.	Ring	14,000	29 lb.	
WC112083RGBR	1 1/2 in.	Round	0.213 in.	0.083 in.	Ring	14,000	34 lb.	-
WC112084SCBR	1 1/2 in.	Round	0.220 in.	0.084 in.	Screw	14,000	35 lb.	-
WC134083SCBR	1 3/4 in.	Round	0.213 in.	0.083 in.	Screw	14,000	39 lb.	Pallet/Utility Nails
WC134084SCBR	1 3/4 in.	Round	0.220 in.	0.084 in.	Screw	14,000	40 lb.	mano
WC134086SCBR	1 3/4 in.	Round	0.220 in.	0.086 in.	Screw	14,000	42 lb.	
WC200084SCBR	2 in.	Round	0.220 in.	0.084 in.	Screw	9,000	29 lb.	
12.5 Gauge								
WC112099SCBR	1 1/2 in.	Round	0.260 in.	0.099 in.	Screw	12,000	42 lb.	
GAC4DS	1 1/2 in.	Round	0.248 in.	0.099 in.	Smooth	12,000	41 lb.	Pallet/Utility Nails
WC134099SCBR	1 3/4 in.	Round	0.260 in.	0.099 in.	Screw	9,000	36 lb.	
WC134099SCBRHL	1 3/4 in.	Round	0.260 in.	0.099 in.	Screw	9,000	36 lb.	High Load, Pallet/Utility Nails
WC200099SCBR	2 in.	Round	0.260 in.	0.099 in.	Screw	9,000	41 lb.	Siding Nails
WC200099SCBRHL	2 in.	Round	0.260 in.	0.099 in.	Screw	9,000	41 lb.	High Load, Siding Nails
WC200090SCBR	2 in.	Round	0.220 in.	0.090 in.	Screw	9,000	34 lb.	Pallet/Utility Nails
WC214099SCBR	2 1/4 in.	Round	0.260 in.	0.099 in.	Screw	9,000	45 lb.	Siding Nails
WC214099RGBR	2 1/4 in.	Round	0.260 in.	0.099 in.	Ring	9,000	45 lb.	Siulity Naits
GAC7DS	2 1/4 in.	Round	0.248 in.	0.099 in.	Smooth	9,000	46 lb.	Pallet/Utility Nails
WC212099SCBR	2 1/2 in.	Round	0.260 in.	0.099 in.	Screw	9,000	50 lb.	Siding Nails
WC212099SCBRHL	2 1/2 in.	Round	0.260 in.	0.099 in.	Screw	9,000	50 lb.	High Load, Siding Nails
12 Gauge								
WC200113RGBR	2 in.	Round	0.276 in.	0.113 in.	Ring	9,000	54 lb.	_
WC214113SCBR	2 1/4 in.	Round	0.276 in.	0.113 in.	Screw	6,750	44 lb.	_
WC238113RGBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,000	28 lb.	Framing Nails
WC238113RB45	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,500	32 lb.	_
WC238113RSBR	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,000	28 lb.	
WC238113RGBRH	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	2,700	28 lb.	Siding Nails
WC238113BR	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	4,000	28 lb.	Framing Nails
11 Gauge								
WC234120SCBR	2 3/4 in.	Round	0.276 in.	0.120 in.	Screw	4,000	36 lb.	
WC300120RGBR	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	39 lb.	_
WC300120SCBR	3 in.	Round	0.276 in.	0.120 in.	Screw	4,000	39 lb.	Framing Nails
WC300120BR	3 in.	Round	0.276 in.	0.120 in.	Smooth	4,000	39 lb.	. running Nulto
WC314120SCBR	3 1/4 in.	Round	0.276 in.	0.120 in.	Screw	4,000	42 lb.	_
WC314120BR	3 1/4 in.	Round	0.276 in.	0.120 in.	Smooth	4,000	42 lb.	

Wood Framing, Siding, and Pallet Nails



Ordering Information and Product Options (continued)

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Bright (continued)								
10 Gauge								
WC212131RSBR	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	4,500	44 lb.	
WC212131BR	2 1/2 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	44 lb.	
WC300131SCBR	3 in.	Round	0.276 in.	0.131 in.	Screw	4,000	46 lb.	
WC300131BR	3 in.	Round	0.276 in.	0.131 in.	Smooth	4.000	46 lb.	Framing Nails
WC300131BR45	3 in.	Round	0.276 in.	0.131 in.	Smooth	4.500	52 lb.	
WC300131BRH	3 in.	Round	0.276 in.	0.131 in.	Smooth	2.400	28 lb.	-
WC314131SCBRH	3 1/4 in.	Round	0.276 in.	0.131 in.	Screw	2,700	50 lb.	High Load, Framing Nails
WC314131BR	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	50 lb.	
WC314131BR45	3 1/4 in.	Round	0.276 in.	0.131 in.	Smooth	4,500	56 lb.	Framing Nails
WC312131BR	3 1/2 in.	Round	0.276 in.	0.131 in.	Smooth	4,000	39 lb.	
Hot-Dip Galvanized								
13 Gauge								
WC112092RGHDG	1 1/2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	11 lb.	Pallet/Utility Nails
WC112093RGHDG	1 1/2 in.	Round	0.220 in.	0.093 in.	Ring	3,600	13 lb.	
WC134092RGHDG	1 3/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	13 lb.	-
WC134092RSHDG	1 3/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	13 lb.	-
WC200092RGHDG	2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	14 lb.	01.11
WC200092RSHDG	2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	14 lb.	Siding Nails
WC214092RGHDG	2 1/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	16 lb.	-
WC214092HDG	2 1/4 in.	Round	0.220 in.	0.092 in.	Smooth	3,600	16 lb.	-
WC212092RGHDG	2 1/2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	17 lb.	
12.5 Gauge								
WC200099RGHDG	2 in.	Round	0.260 in.	0.099 in.	Ring	9,000	41 lb.	
WC214099RSHDG	2 1/4 in.	Round	0.260 in.	0.099 in.	Ring	9,000	45 lb.	Siding Nails
WC214099SCHDG	2 1/4 in.	Round	0.260 in.	0.099 in.	Screw	9,000	45 lb.	
WC238099SCHDG	2 3/8 in.	Round	0.260 in.	0.099 in.	Screw	4,000	21 lb.	
WC238099RGHDG	2 3/8 in.	Round	0.260 in.	0.099 in.	Ring	4,000	21 lb.	Framing Nails
12 Gauge					Ū	· ·		
WC200113HDG	2 in.	Round	0.276 in.	0.113 in.	Smooth	2,700	24 lb.	
WC238113HDGH	2 3/8 in.	Round	0.276 in.	0.113 in.	Smooth	2.700	28 lb.	Siding Nails
WC238113RGHDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Rina	4.000	28 lb.	Framing Nails
WC212131RGHDG	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	3,600	39 lb.	Siding Nails
11 Gauge					J			J
WC300120RGHDG	3 in.	Round	0.276 in.	0.120 in.	Rina	4.000	39 lb.	Framing Nails
WC300120RGHDGH	3 in.	Round	0.276 in.	0.120 in.	Ring	2.400	23 lb.	High Load.
WC31/120DCHDC	3 1 //. in	Pound	0.276 in	0.120 in	Ding	4,000	/2 lb	Framing Nails
WC314120K0HD0	3 1/4 III. 2 1// in	Dound	0.270 III.	0.120 III.	Sorow	4,000	42 (D.	Framing Naile
WC3141203CHD0	3 1/4 III. 2 1// in	Round	0.270 III.	0.120 III.	Surew	4,000	42 (U.	Fidililiy Naits
10 Cours	5 1/4 IN.	Kuulia	U.270 III.	0.120 111.	SIIIUUTN	4,000	43 (D.	
IU Gauge	01/0:-	Dound	0.276 in	0.121 in	Cmasth	/ 000	2015	
WC212131HD0	2 1/2 IN.	Round	0.270 III.	0.131 III.	SIIIOOUII	4,000	37 LD.	
WC300131HD0	3 IN.	Rouna	U.270 IN.	0.131 IN.	Smooth	4,000	40 LD.	Framing Nails
WC314131HDG	31/4IN.	Round	U.276 IN.	0.131 IN.	Smooth	4,000	50 LD.	
WC314131HDG	3 1/4 IN.	Round	0.276 IN.	0.131 IN.	Smooth	4,000	5U (b.	

Wood Framing, Siding, and Pallet Nails



Ordering Information and Product Options (continued)

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Thermal Diffusion Gal	vanized							
13 Gauge								
WC134092RSTDG	1 3/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	13 lb.	
WC134092RGTDG	1 3/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	13 lb.	
WC200092RGTDG	2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	14 lb.	Siding Nails
WC200099RGTDG	2 in.	Round	0.220 in.	0.092 in.	Ring	9,000	41 lb.	
WC214092RGTDG	2 1/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	16 lb.	
12 Gauge								
WC238113RGTDG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,000	28 lb.	Framing Nails
11 Gauge								
WC300120RGTDG	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	39 lb.	Framing Nails
Electrogalvanized								
13 Gauge								
WC134092RGEG	1 3/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	31 lb.	
WC200092RGEG	2 in.	Round	0.220 in.	0.092 in.	Ring	3,600	14 lb.	
WC200099RGEG	2 in.	Round	0.260 in.	0.099 in.	Ring	9,000	41 lb.	
WC214092RGEG	2 1/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	16 lb.	Siding Nails
WC214092RGEG	2 1/4 in.	Round	0.220 in.	0.092 in.	Ring	3,600	16 lb.	
WC214092EG	2 1/4 in.	Round	0.220 in.	0.092 in.	Smooth	3,600	16 lb.	
WC214092EG9M	2 1/4 in.	Round	0.220 in.	0.092 in.	Smooth	9,000	39 lb.	
12 Gauge								
WC238113RGEG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,500	31 lb.	Froming Noilo
WC238113RGEG4	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	4,000	28 lb.	Fraining Naits
11 Gauge								
WC300120RGEG	3 in.	Round	0.276 in.	0.120 in.	Ring	4,500	44 lb.	Froming Noilo
WC300120SCEG	3 in.	Round	0.276 in.	0.120 in.	Screw	4,000	39 lb.	Fidming Natts
10 Gauge								
WC212131RGEG	2 1/2 in.	Round	0.276 in.	0.131 in.	Ring	4,500	44 lb.	
WC314131EGR45	3 1/4 in.	Round	0.276 in.	0.131 in.	Ring	4,500	56 lb.	Framing Nails
WC314131EGR45M	3 1/4 in.	Round	0.276 in.	0.131 in.	Ring	4,500	56 lb.	

**GRABBER** CONSTRUCTION PRODUCT

Wood Framing, Siding, and Pallet Nails

**Ordering Information and Product Options (continued)** 

ltem No.	Length	Head Type	Head Diameter	Wire Diameter	Shank Type	Amount	Weight	Special Features
Stainless Steel								
13 Gauge								
WC112092RGSS	1 1/2 in.	Round	0.220 in.	0.092 in.	Ring	900	4 lb.	
SSWC112093RG	1 1/2 in.	Round	0.220 in.	0.093 in.	Ring	3,600	17 lb.	Siding Nails
WC134090RGSS	1 3/4 in.	Round	0.220 in.	0.090 in.	Ring	3,600	16 lb.	
WC175090RSSS	1 3/4 in.	Round	0.220 in.	0.090 in.	Ring	3,600	13 lb.	Froming Noilo
SSWC134090RG	1 3/4 in.	Round	0.220 in.	0.090 in.	Ring	9,000	40 lb.	Fi allilli y Naits
SSWC2316090RG	2 3/16 in.	Round	0.220 in.	0.090 in.	Ring	9,000	50 lb.	Framing Nails
WC214090RGSS	2 1/4 in.	Round	0.220 in.	0.090 in.	Ring	3,600	17 lb.	Siding Nails
12.5 Gauge								
WC175099RSSS	1 3/4 in.	Round	0.260 in.	0.099 in.	Ring	3,600	15 lb.	Framing Nails
WC200099RGSS	2 in.	Round	0.260 in.	0.099 in.	Ring	3,600	16 lb.	Siding Nails
WC225099RSSS	2 1/4 in.	Round	0.260 in.	0.099 in.	Ring	3,600	18 lb.	Framing Nails
12 Gauge								
SSWC238113RG	2 3/8 in.	Round	0.276 in.	0.113 in.	Ring	1,000	7 lb.	Framing Nails
11 Gauge								
SSWC300120RG	3 in.	Round	0.276 in.	0.120 in.	Ring	4,000	40 lb.	Froming Noils
SSWC314120RG	3 1/4 in.	Round	0.276 in.	0.120 in.	Ring	4,000	42 lb.	Fraining Naits

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.

15° Wire Coil Collated Nails PS1070 USA-ENG/Rev. 02-25

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Pneumatic Nails-Brads and Finish Nails
Nails

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<b>Brads and Finish Nails</b> Wood and Molding to Wood	
	Br
Description Brads and Finish Nails.	









Size | Gauge: 23 to 15 **Specifications** Length: 1/2 in. to 2 1/2 in. Head Type: Brad, Headless Point Type: Chiseled Finish: Electrogalvanized, Stainless Steel Quality Assurance: Grabber<sup>®</sup> 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 F1667 performance requirements.

**Applications** 

### **Brad Nails**

- Fastening Trim
- Applying paneling
- Fastening thin molding
- Temporary fastening

### **Finish Nails**

- Fastening larger, heavier molding
- Cabinet assembly
- Securing stair treads to risers
- Attaching door casing

### **Pin Nails**

- Decorative molding
- Small molding
- Miter returns
- Kitchen molding

### **Brads and Finish Nails**

Wood and Molding to Wood



0.077 in.

Installation	<ul> <li>Always load the nails with the point facing away from the hat the nail gun.</li> <li>When choosing the nail length the length of the material bein by three, or the closest shorter</li> </ul>	e chiseled Choo andle of O Hi de , multiply O Lo g fastened m r length.	ose the gauge based on the project: gher gauges (23 - 18) for more clicate work. ower gauges (16 - 15) for thicker aterials or stronger holds.		
Features	<ul> <li>Brad/Finish nails: small head visibility fastening.</li> <li>Pin nails: no head for lowest-fastening.</li> </ul>	I for low- Chise wood visibility Easy	<ul> <li>Chiseled point for easy penetration int wood and molding.</li> <li>Easy to conceal in the finished project.</li> </ul>		
Product Dimensions	Gauge W	/ire Diameter	Head Diameter		
Dimensions	23 0.	025 in.	0.025 in.		
	18 0.	044 in.	0.049 in.		
	16 0.	063 in.	0.068 in.		

0.072 in.

### **Ordering Information and Product Options**

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ltem No.	Length	Gauge	Coating	Amount	Weight	Special Features
Brad Nails						
Straight						
F1812	1/2 in.	18	Electrogalvanized	5,000	1 lb.	_
F1858	5/8 in.	18	Electrogalvanized	5,000	2 lb.	
F1834	3/4 in.	18	Electrogalvanized	5,000	2 lb.	-
B18034M	3/4 in.	18	Electrogalvanized	1,000	1 lb.	
F1878	7/8 in.	18	Electrogalvanized	5,000	2 lb.	-
F181	1 in.	18	Electrogalvanized	5,000	3 lb.	-
B181M	1 in.	18	Electrogalvanized	1,000	1 lb.	
F181316	1 3/16 in.	18	Electrogalvanized	5,000	3 lb.	-
F18114	1 1/4 in.	18	Electrogalvanized	5,000	3 lb.	
B18114M	1 1/4 in.	18	Electrogalvanized	1,000	1 lb.	
F18138	1 3/8 in.	18	Electrogalvanized	5,000	3 lb.	-
F18112	1 1/2 in.	18	Electrogalvanized	5,000	4 lb.	
B18112M	1 1/2 in.	18	Electrogalvanized	1,000	1 lb.	
F18134	1 3/4 in.	18	Electrogalvanized	5,000	4 lb.	-
B18134M	1 3/4 in.	18	Electrogalvanized	1,000	1 lb.	
F182	2 in.	18	Electrogalvanized	5,000	5 lb.	_
B182M	2 in.	18	Electrogalvanized	1,000	1 lb.	



Ordering Information and Product Options (continued)

ltem No.	Length	Gauge	Coating	Amount	Weight	Special Features
Finish Nails						
Straight						
F161	1 in.	16	Electrogalvanized	2,500	4 lb.	
F161M	1 in.	16	Electrogalvanized	1,000	2 lb.	-
F16114	1 1/4 in.	16	Electrogalvanized	2,500	5 lb.	•
F16112	1 1/2 in.	16	Electrogalvanized	2,500	3 lb.	-
F16112M	1 1/2 in.	16	Electrogalvanized	1,000	1 lb.	
F16134	1 3/4 in.	16	Electrogalvanized	2,500	4 lb.	-
F16134M	1 3/4 in.	16	Electrogalvanized	1,000	2 lb.	-
F162	2 in.	16	Electrogalvanized	2,500	4 lb.	•
F162M	2 in.	16	Electrogalvanized	1,000	2 lb.	-
F16212	2 1/2 in.	16	Electrogalvanized	2,500	5 lb.	-
F16212M	2 1/2 in.	16	Electrogalvanized	1,000	2 lb.	•
25° Angled						
FA15114M	1 1/4 in.	15	Electrogalvanized	1,000	2 lb.	
FA15112M	1 1/2 in.	15	Electrogalvanized	1,000	3 lb.	-
FN1524G	1 1/2 in.	15	Electrogalvanized	2,500	8 lb.	-
FA152	2 in.	15	Electrogalvanized	3,650	10 lb.	
FA15200M	2 in.	15	Electrogalvanized	1,000	2 lb.	
FA162	2 in.	16	Electrogalvanized	2,000	4 lb.	
FN1532G	2 in.	15	Electrogalvanized	2,500	10 lb.	
FA15212	2 1/2 in.	15	Electrogalvanized	3,650	9 lb.	
FA15212M	2 1/2 in.	15	Electrogalvanized	1,000	3 lb.	
FA15212SS	2 1/2 in.	15	Stainless Steel	3,650	12 lb.	
FA16212	2 1/2 in.	16	Electrogalvanized	2,000	4 lb.	
FN1540G	2 1/2 in.	15	Electrogalvanized	2,500	12 lb.	
33° Angled						
DA15G	1 1/4 in.	15	Electrogalvanized	4,000	6 lb.	
DA17G	1 1/2 in.	15	Electrogalvanized	4,000	7 lb.	
DA19G	1 3/4 in.	15	Electrogalvanized	4,000	8 lb.	-
DA21G	2 in.	15	Electrogalvanized	4,000	10 lb.	
DA21SS	2 in.	15	Stainless Steel	4,000	10 lb.	-
DA21G	2 in.	15	Electrogalvanized	4,000	10 lb.	-
DA21SS	2 in.	15	Stainless Steel	4,000	10 lb.	
DA25	2 1/2 in.	15	Electrogalvanized	3,000	12 lb.	
DA25G	2 1/2 in.	15	Electrogalvanized	3,000	12 lb.	
DA25GAL	2 1/2 in.	15	Electrogalvanized	3,000	12 lb.	
34° Angled						
FN15212	2 1/2 in.	15	Electrogalvanized	3,000	9 lb.	

### Brads and Finish Nails Wood and Molding to Wood



**Ordering Information and Product Options (continued)** 

ltem No.	Length	Gauge	Coating	Amount	Weight	Special Features
Pin Nails						
Straight						
P23012M	1/2 in.	23	Electrogalvanized	3,000	1/2 lb.	
P23058M	5/8 in.	23	Electrogalvanized	3,000	1/2 lb.	Headless
P23034M	3/4 in.	23	Electrogalvanized	3,000	1/2 lb.	
P23100M	1 in.	23	Electrogalvanized	3,000	1/2 lb.	
P231316M	1 3/26 in.	23	Electrogalvanized	3,000	1/2 lb.	
P23138M	1 3/16 in.	23	Electrogalvanized	3,000	1/2 lb.	

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.

Brads and Finish Nails PS1071 USA-ENG/Rev. 02-25

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Upholstery, Plastic, Molding, and Wood-to-Wood

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### വ 5 S natic Nails-Staples

### **Staples**

Upholstery, Plastic, Molding, and Wood-to-Wood





### **Staples** Upholstery, Plastic, Molding, and Wood-to-Wood



Installation	<ul> <li>Ensure that the crown size and the gauge match the specifications for the stapler being used.</li> <li>Always load the stapler with the chiseled point facing away from the handle of the stapler.</li> <li>It is best to drive the staple at a 90° angle to the work surface.</li> </ul>	<ul> <li>When choosing the staple length, multiply the length of the material being fastened by three, or the closest shorter leg length.</li> <li>For thin material such as fabric or cloth, add 3/16 in. for the staple length, or the closest shorter leg length.</li> <li>For hard materials, it is recommended to double the thickness of the material, or the closest shorter leg length.</li> </ul>
Features	<ul> <li>Narrow crown staples for low visibility finishing on cabinetry and furniture building.</li> <li>Medium crown staples for a larger area, often used in home construction.</li> <li>Wide crown staples are used when visibility is not an issue, and they are mainly used in construction and packaging.</li> </ul>	<ul> <li>Electrogalvanized staples have a thin layer of zinc for added protection against corrosion.</li> <li>The chiseled point penetrates the wood quickly.</li> </ul>
Product Dimensions	Gauge	Wire Diameter
	23	0.031 in.
	22	0.022 in.
	20	0.019 in.
	18	0.044 in.

### **Ordering Information and Product Options**

16

ltem No.	Leg	Coating	Amount	Weight	Special Features
23 Gauge					
3/8 in. Crown					
A1914	1/4 in.	Electrogalvanized	5,000	1 lb.	
22 Gauge					
3/8 in. Crown					
716	1/4 in.	Electrogalvanized	10,000	1 lb.	
718	5/16 in.	Electrogalvanized	10,000	1.5 lb.	
710	3/8 in.	Electrogalvanized	10,000	2 lb.	
7112	1/2 in.	Electrogalvanized	10,000	2 lb.	-
7114	9/16 in.	Electrogalvanized	10,000	2 lb.	

0.055 in.



Ordering Information and Product Options (continued)

ltem No.	Leg	Coating	Amount	Weight	Special Features
20 Gauge	Ŭ			Ŭ	
3/8 in. Crown					
A1138	3/8 in.	Electrogalvanized	5,000	1.5 lb.	
A1112	1/2 in.	Electrogalvanized	5,000	2 lb.	
18 Gauge					
3/16 in. Crown					
GSN1812	1/2 in	Electrogalvanized	5,000	3 lb.	
GSN1858	5/8 in.	Electrogalvanized	5,000	3.5 lb.	
GSN1834	3/4 in.	Electrogalvanized	5,000	4 lb.	
GSN1878	7/8 in.	Electrogalvanized	5,000	4.5 lb.	
GSN181	1 in.	Electrogalvanized	5,000	5 lb.	
GSN18118	1 1/8 in.	Electrogalvanized	5,000	6 lb.	
GSN18114	1 1/4 in.	Electrogalvanized	5,000	6.5 lb.	
GSN18112	1 1/2 in.	Electrogalvanized	5,000	7.5 lb.	
7/32 in. Crown					
SX503512	1/2 in	Electrogalvanized	5,000	3 lb.	
SX503558	5/8 in.	Electrogalvanized	5,000	3 lb.	
SX503534	3/4 in.	Electrogalvanized	5,000	4 lb.	
SX503578	7/8 in.	Electrogalvanized	5,000	4 lb.	
SX50351	1 in.	Electrogalvanized	5,000	5 lb.	
SX5035118	1 1/8 in.	Electrogalvanized	5,000	5 lb.	
SX5035114	1 1/4 in.	Electrogalvanized	5,000	6 lb.	
SX5035112	1 1/2 in.	Electrogalvanized	5,000	7 lb.	
1/4 in. Crown					
L08	1/2 in	Electrogalvanized	5,000	3 lb.	
L10	5/8 in.	Electrogalvanized	5,000	3 lb.	
L11	3/4 in.	Electrogalvanized	5,000	4 lb.	
L12	7/8 in.	Electrogalvanized	5,000	4.5 lb.	
L13	1 in.	Electrogalvanized	5,000	5 lb.	
L14	1 1/8 in.	Electrogalvanized	5,000	6 lb.	
L15	1 1/4 in.	Electrogalvanized	5,000	6 lb.	
L17	1 1/2 in.	Electrogalvanized	5,000	7 lb.	
16 Gauge					
7/16 in. Crown					
N11	3/4 in.	Electrogalvanized	10,000	15 lb.	
N13	1 in.	Electrogalvanized	10,000	18 lb.	
N14	1 1/8 in.	Electrogalvanized	10,000	20 lb.	
N15	1 1/4 in.	Electrogalvanized	10,000	21 lb.	
N17	1 1/2 in.	Electrogalvanized	10,000	26 lb.	
N19	1 3/4 in.	Electrogalvanized	10,000	30 lb.	
N21	2 in.	Electrogalvanized	10,000	33 lb.	



**Ordering Information and Product Options (continued)** 

ltem No.	Leg	Coating	Amount	Weight	Special Features
16 Gauge (continu	ed)				
1/2 in. Crown					
16S420G	3/4 in.	Mechanically Galvanized	10,000	16 lb.	
16S422G	7/8 in.	Mechanically Galvanized	10,000	17 lb.	
16S425G	1 in.	Mechanically Galvanized	10,000	19 lb.	
16S428G	1 1/8 in.	Mechanically Galvanized	10,000	20 lb.	
16S432G	1 1/4 in.	Mechanically Galvanized	10,000	23 lb.	
16S434G	1 3/8 in.	Mechanically Galvanized	10,000	24 lb.	
16S438G	1 1/2 in.	Mechanically Galvanized	10,000	26 lb.	
16S444G	1 3/4 in.	Mechanically Galvanized	10,000	30 lb.	
16S450G	2 in.	Mechanically Galvanized	10,000	33 lb.	
15/16 in. Crown					
GSW1634	3/4 in.	Electrogalvanized	10,000	18 lb.	
GSW1678	7/8 in.	Electrogalvanized	10,000	20 lb.	
GSW161	1 in.	Electrogalvanized	10,000	21 lb.	
GSW16114	1 1/4 in.	Electrogalvanized	10,000	25 lb.	
GSW16112	1 1/2 in.	Electrogalvanized	10,000	30 lb.	
GSW16134	1 3/4 in.	Electrogalvanized	10,000	33 lb.	
GSW162	2 in.	Electrogalvanized	10,000	36 lb.	
1 in. Crown					
BCS1096	5/8 in.	Electrogalvanized	10,000	17 lb.	
P10	5/8 in.	Electrogalvanized	10,000	18 lb.	
BCS1097	3/4 in.	Electrogalvanized	10,000	19 lb.	
P11	3/4 in.	Electrogalvanized	10,000	19 lb.	
BCS1098	7/8 in.	Electrogalvanized	10,000	21 lb.	
P12	7/8 in.	Electrogalvanized	10,000	21 lb.	
BCS1099	1 in.	Electrogalvanized	10,000	22 lb.	
P13	1 in.	Electrogalvanized	10,000	23 lb.	
BCS1101	1 1/4 in.	Electrogalvanized	10,000	26 lb.	
P15	1 1/4 in.	Electrogalvanized	10,000	27 lb.	
BCS1102	1 1/2 in.	Electrogalvanized	10,000	30 lb.	
P17	1 1/2 in.	Electrogalvanized	5,000	15 lb.	1
BCS1116	1 3/4 in.	Electrogalvanized	5,000	17 lb.	1
BCS1117	2 in.	Electrogalvanized	5,000	19 lb.	
P21	2 in.	Electrogalvanized	5,000	18 lb.	

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Staples PS1072 USA-ENG/Rev. 02-25

GRABBER CONSTRUCTION PRODUCTS, INC. 5255 W 11000 N., STE 100 HIGHLAND, UT 84003

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Performance Data: #6 Screw



Pull-	0	ut
4101 0400 47		

AISI S100-16 J4.4.1

Allowable Strength (lb.)

		Steel Tensi	le Strength	ı Fu = 45 k	si	Steel	<b>Tensile</b> Stro	ength Fu =	65 ksi
	Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
	t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
	25	0.0188 in.	33	33	33	33	33	33	33
	20	0.0346 in.	61	61	61	61	61	61	61
_	18	0.0451 in.	79	79	79	79	79	79	79
	16	0.0566 in.	144	144	144	144	144	144	144
_	14	0.0713 in.	181	181	181	181	181	181	181
_	12	0.1017 in.	258	258	258	258	258	258	258
-	10	0.1242 in.	315	315	315	315	315	315	315

### Shear AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensi	le Strength	e Strength Fu = 45 ksi			Steel Tensile Strength Fu         16       14       12         0.0566       0.0713       0.1017         60       60       60         151       151       151         224       224       224         315       315       315         457       446       446         457       576       759		Steel Tensile Strength Fu = 65		
Gauge	t1 (contact with screw head)	18	16	14	12	10				
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242		
25	0.0188 in.	60	60	60	60	60	60	60		
20	0.0346 in.	105	151	151	151	151	151	151		
18	0.0451 in.	105	193	224	224	224	224	224		
16	0.0566 in.	105	193	252	315	315	315	315		
14	0.0713 in.	105	193	252	457	446	446	446		
12	0.1017 in.	105	193	252	457	576	759	759		
10	0.1242 in.	105	193	252	457	576	821	1001		

Failure Modes

Tilting Bearing

Performance Data: #7 Screw



## **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu $=$ 45 ksi				Steel Tensile Strength Fu = 65 ksi			
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	36	36	36	36	36	36	36
20	0.0346 in.	67	67	67	67	67	67	67
18	0.0451 in.	87	87	87	87	87	87	87
16	0.0566 in.	157	157	157	157	157	157	157
14	0.0713 in.	198	198	198	198	198	198	198
12	0.1017 in.	283	283	283	283	283	283	283
10	0.1242 in.	345	345	345	345	345	345	345

## Shear

AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu = 45 ksi				Steel Tensile Strength Fu = 65 ksi			
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	63	63	63	63	63	63	63
20	0.0346 in.	115	158	158	158	158	158	158
18	0.0451 in.	115	212	234	234	234	234	234
16	0.0566 in.	115	212	276	330	330	330	330
14	0.0713 in.	115	212	276	500	466	466	466
12	0.1017 in.	115	212	276	500	630	794	794
10	0.1242 in.	115	212	276	500	630	898	1069

Failure Modes

Tilting Bearing

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

Performance Data: #8 Screw



# **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensi	Steel Tensile Strength Fu = 45 ksicontact with ew head)252018				Steel Tensile Strength Fu = 65 ksi				
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10		
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242		
25	0.0188 in.	39	39	39	39	39	39	39		
20	0.0346 in.	72	72	72	72	72	72	72		
18	0.0451 in.	94	94	94	94	94	94	94		
16	0.0566 in.	171	171	171	171	171	171	171		
14	0.0713 in.	215	215	215	215	215	215	215		
12	0.1017 in.	307	307	307	307	307	307	307		
10	0.1242 in.	375	375	375	375	375	375	375		

### Shear AISI \$100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensi	le Strength	ı Fu = 45 k	si	Steel	Tensile Stro	ength Fu =	65 ksi
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	66	66	66	66	66	66	66
20	0.0346 in.	125	164	164	164	164	164	164
18	0.0451 in.	125	230	244	244	244	244	244
16	0.0566 in.	125	230	300	344	344	344	344
14	0.0713 in.	125	230	300	543	486	486	486
12	0.1017 in.	125	230	300	543	684	827	827
10	0.1242 in.	125	230	300	543	684	976	1114

Failure Modes

Tilting Bearing

Performance Data: #9 Screw



## **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensi	le Strength	ı Fu = 45 k	si	Steel Tensile Strength Fu = 65 ksi				
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10	
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242	
25	0.0188 in.	42	42	42	42	42	42	42	
20	0.0346 in.	78	78	78	78	78	78	78	
18	0.0451 in.	102	102	102	102	102	102	102	
16	0.0566 in.	185	185	185	185	185	185	185	
14	0.0713 in.	232	232	232	232	232	232	232	
12	0.1017 in.	332	332	332	332	332	332	332	
10	0.1242 in.	404	404	404	404	404	404	404	

# Shear

AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu $=$ 45 ksi				Steel Tensile Strength Fu = 65 ksi			
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	68	68	68	68	68	68	68
20	0.0346 in.	135	171	171	171	171	171	171
18	0.0451 in.	135	248	254	254	254	254	254
16	0.0566 in.	135	248	323	357	357	357	357
14	0.0713 in.	135	248	323	586	505	505	505
12	0.1017 in.	135	248	323	586	738	860	860
10	0.1242 in.	135	248	323	586	738	1053	1157

Failure Modes

Tilting Bearing

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

Performance Data: #10 Screw



# **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensi	le Strength	Fu = 45 k	si	Steel <sup>-</sup>	<b>Tensile</b> Stro	ength Fu =	65 ksi
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	46	46	46	46	46	46	46
20	0.0346 in.	84	84	84	84	84	84	84
18	0.0451 in.	109	109	109	109	109	109	109
16	0.0566 in.	198	198	198	198	198	198	198
14	0.0713 in.	249	249	249	249	249	249	249
12	0.1017 in.	356	356	356	356	356	356	356
10	0.1242 in.	434	434	434	434	434	434	434

### Shear AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensi	Fu = 45 k	u = 45 ksi Steel Tensil			le Strength Fu = 65 ksi		
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	71	71	71	71	71	71	71
20	0.0346 in.	145	177	177	177	177	177	177
18	0.0451 in.	145	266	263	263	263	263	263
16	0.0566 in.	145	266	347	370	370	370	370
14	0.0713 in.	145	266	347	629	523	523	523
12	0.1017 in.	145	266	347	629	792	891	891
10	0.1242 in.	145	266	347	629	792	1130	1199

Failure Modes

Tilting Bearing

Performance Data: #11 Screw



## **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensi	le Strength	Fu = 45 k	si	Steel Tensile Strength Fu = 65 ksi			
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	49	49	49	49	49	49	49
20	0.0346 in.	90	90	90	90	90	90	90
18	0.0451 in.	117	117	117	117	117	117	117
16	0.0566 in.	212	212	212	212	212	212	212
14	0.0713 in.	267	267	267	267	267	267	267
12	0.1017 in.	380	380	380	380	380	380	380
10	0.1242 in.	464	464	464	464	464	464	464

# Shear

AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu = 45 ksi			Steel Tensile Strength Fu = 65 ksi			65 ksi	
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	73	73	73	73	73	73	73
20	0.0346 in.	155	183	183	183	183	183	183
18	0.0451 in.	155	284	272	272	272	272	272
16	0.0566 in.	155	284	371	382	382	382	382
14	0.0713 in.	155	284	371	672	540	540	540
12	0.1017 in.	155	284	371	672	847	921	921
10	0.1242 in.	155	284	371	672	847	1208	1239

Failure Modes

Tilting Bearing

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

Performance Data: #12 Screw



Pull-	out
1101 0400 44	

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu = 45 ksi			Steel Tensile Strength Fu = 65 ksi				
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	52	52	52	52	52	52	52
20	0.0346 in.	95	95	95	95	95	95	95
18	0.0451 in.	124	124	124	124	124	124	124
16	0.0566 in.	225	225	225	225	225	225	225
14	0.0713 in.	284	284	284	284	284	284	284
12	0.1017 in.	405	405	405	405	405	405	405
10	0.1242 in.	493	493	493	493	493	493	493

### Shear AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu = 45 ksi			Steel Tensile Strength Fu = 65 ksi			65 ksi	
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	75	75	75	75	75	75	75
20	0.0346 in.	164	188	188	188	188	188	188
18	0.0451 in.	164	303	280	280	280	280	280
16	0.0566 in.	164	303	395	394	394	394	394
14	0.0713 in.	164	303	395	715	557	557	557
12	0.1017 in.	164	303	395	715	901	950	950
10	0.1242 in.	164	303	395	715	901	1285	1278

Failure Modes

Tilting Bearing

Performance Data: #14 Screw



## **Pull-out**

AISI S100-16 J4.4.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu $=$ 45 ksi			Steel Tensile Strength Fu = 65 ksi			65 ksi	
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	58	58	58	58	58	58	58
20	0.0346 in.	107	107	107	107	107	107	107
18	0.0451 in.	139	139	139	139	139	139	139
16	0.0566 in.	252	252	252	252	252	252	252
14	0.0713 in.	318	318	318	318	318	318	318
12	0.1017 in.	453	453	453	453	453	453	453
10	0.1242 in.	553	553	553	553	553	553	553

# Shear

AISI S100-16 J4.3.1

Allowable Strength (lb.)

	Steel Tensile Strength Fu = 45 ksi			Steel Tensile Strength Fu = 65 ksi			65 ksi	
Gauge	t1 (contact with screw head)	25	20	18	16	14	12	10
t2 (not in contact with screw head)	Design Thickness	0.0188	0.0346	0.0451	0.0566	0.0713	0.1017	0.1242
25	0.0188 in.	80	80	80	80	80	80	80
20	0.0346 in.	184	199	199	199	199	199	199
18	0.0451 in.	184	339	297	297	297	297	297
16	0.0566 in.	184	339	442	417	417	417	417
14	0.0713 in.	184	339	442	801	590	590	590
12	0.1017 in.	184	339	442	801	1009	1005	1005
10	0.1242 in.	184	339	442	801	1009	1440	1353

Failure Modes

Tilting Bearing

Self-Drilling Screw Selection



# Steel Gauge

Reference Gauge	Minimum Thickness In Inches	Mils	Maximum Design In Inches
26	0.0163	16	0.0172
25	0.0179	18	0.0188
22	0.0269	27	0.0283
20	0.0329	33	0.0346
18	0.0428	43	0.0451
16	0.0538	54	0.0566
14	0.0677	68	0.0713
12	0.0966	97	0.1017
10	0.1180	118	0.1240

FOR SI: 1 inch = 25.4 mm 1 mil = 0.0254 mm

All dimensions are inches or mils, uncoated.

• U.S. standard gauge for uncoated hot- and cold-rolled sheets. Gauge numbers are only provided as a reference and should not be used to order, design, or specify steel studs or joists.

- Minimum thickness of material delivered to the jobsite.
- Design thickness of steel studs / joists shall not exceed the minimum thickness divided by 0.95.
   Design thickness = Min. thickness / 0.95.
- Chart above as noted in AISI S201-17 or SSMA Product Technical Guide.

# **Screw Size**

Normal Size	Basic Screw Diameter	Actual Size
0	0.0600 in.	•
1	0.0730 in.	•
2	0.0860 in.	٠
3	0.0990 in.	•
4	0.1120 in.	•
5	0.1250 in.	
6	0.1380 in.	
7	0.1510 in.	
8	0.1640 in.	
10	0.1900 in.	
12	0.2160 in.	
1/4	0.2500 in.	
5/16	0.3125 in.	
3/8	0.3750 in.	

Where specifying nominal size in decimals, zeros preceding decimal and in the fourth decimal place shall be omitted.

## **Recommendations for Drilling Capacity**

Material Thickness Recommendations



Note: Meets or exceeds SAE J78, Table 9, or AISI S240-20-C, Table C-B1.5.1.1-2.

Self-Drilling Screw Selection













#### Drill Flute

The length of the drill flute determines the steel 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.

#### Point Length

The unthreaded section from the point to the first thread should be long enough to ensure the drilling action is complete before the first thread engages the drilled steel. Screw threads advance at a rate up to 10 times faster than the drill flute can remove steel. All drilling therefore should be complete before threads begin to form.

#### Drilling through Wood to Steel

If your application calls for drilling through wood over 1/2 in. thickness, a clearance hole is required. Select a fastener with breakaway wings for this type of job. The wings will ream a clearance hole and break off when in contact with the steel surface (minimum steel thickness 0.090 in.) to be drilled.

**Design Features** 



## **Tool Speed**

Diameter	Recommended Installation RPM <sup>1</sup>
#6	4000 — 5000
#8	2500
#10	
#12	1800
1/4 in.	

# **Common Socket and Bit Sizes**

Screw Size	Magnetic Nut Setter Size (in.)	Phillips Bit Size
#6	—	2
#8	1/4	2
#10	5/16	3
#12	5/16	3
1/4 in.	3/8	3

# **Screw Diameter Equivalents**

Screw Diameter	Decimal Equivalent (in.)	mm
#6	0.138	3.5
#7	0.151	3.9
#8	0.164	4.2
#10	0.190	4.8
#12	0.216	5.5
#14	0.242	6.3
1/4 in.	0.250	6.4

# **Drilling Capacity**

Screw Gauge	Drill Point	Max Panel Thickness (in.)	Steel Thickness Gauge Range
8	3	0.100 — 0.140	20 - 12
10	3	0.110 - 0.175	20 - 8
12	3	0.110 - 0.210	20 - 8
14	3	0.110 - 0.220	20 - 8
12	4	0.175 — 0.220	10-0
14	4	0.175 — 0.250	18 — 1/4 in.
12	5	0.250 - 0.500	18 — 1/2 in.
14	5	0.250 — 0.500	18 — 1/2 in.

<sup>1</sup>Per ASTM C1513, Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections, West Conshohocken, PA. www.astm.org, tool speed of 1800 RPM is recommended for screw sizes No. 12 and 1/4 in.; however, 2500 RPM may be used provided care is exercised to minimize the influence of high heat buildup due to surface speed.



### Decimal Equivalents for Fractions of an Inch

Fraction	Decimal Equivalent (in.)
1/64	0.015
1/32	0.031
3/64	0.046
1/16	0.062
5/64	0.078
3/32	0.093
7/64	0.109
1/8	0.125
9/64	0.140
5/32	0.156
11/64	0.171
3/16	0.187
13/64	0.203
7/32	0.218
15/64	0.234
1/4	0.250
5/16	0.313

### Inches to Millimeters Conversion

Inches	Millimeters
1/32	0.79
1/16	1.57
1/8	3.18
3/16	4.78
1/4	6.35
5/16	7.95
3/8	9.53
7/16	11.13
1/2	12.70
9/16	14.30
5/8	15.88

# **Gauge to Inches and Millimeters Conversion**

		Inches		Millimeters	
Finish	Mils	Aluminum	Sheet Metal	Aluminum	Sheet Metal
12	97	0.0809	0.1046	2.053	2.656
14	68	0.0641	0.0747	1.628	1.897
16	54	0.0508	0.0598	1.290	1.519
18	43	0.0403	0.0478	1.024	1.214
20	33	0.0320	0.0359	0.813	0.912
22	27	0.0253	0.0299	0.643	0.759
25	18	0.0179	0.0209	0.455	0.531

# **Sheet Steel Gauges**

Gauge No.	Decimal Equivalent (in.)	Millimeter Equivalent
12	0.1017	2.6
14	0.0713	1.8
16	0.0566	1.5
18	0.0451	1.2
20	0.0396	1.0

Technical Data Self-Drilling Screws



# **Self-Drilling Screws**

Self-drilling screws operate on the same principles as drill bits and other cutting tools. Performance is governed by cutting speed, feed rate, depth of cut, and the substrate. Installation performance of self-drilling screws follows basic cutting tool performance parameters.

### Definitions

**Point Geometry** is the designed shape of the screw's drill point.

**RPM** is the speed at which the driver motor runs while the screw is installed. This is often adjustable using a variable pull trigger or a different driver motor.

**Applied Force** is a measure of the user applied force as the screw is installed. More force is not necessarily better.

**Work Material Hardness** can be viewed as a material's resistance to drilling or cutting. In most instances, the harder the work material, the more difficult it is to cut.

Screw Size	Major Diameter (in.)	RPM*	Applied Force*	Work Material Hardness*
#6	0.138	2,200	80 lbs.	
#8	0.164	1,900	93 lbs.	
#10	0.19	1,600	104 lbs.	20 Rockwell
#12	0.216	1,400	116 lbs.	"C"-scale
#14	0.25	1,200	131 lbs.	
#16	0.313	1,000	157 lbs.	

#### Suggested optimal performance inputs are listed by nominal screw size.

\*Suggested combined maximum values. Individual values may be increased if other associated variables are decreased proportionally. Stated speeds may require a variable-speed screwdriver motor and a partial trigger-pull.



### **Self-Drilling Considerations**

**Drill-Point Material** is generally plain carbon steel which is less stable at high temperatures than equivalent high-speed steel (HSS) drill bits. To reduce wear on the drill point, fasten using a drill motor rather than an impact driver or hammer drill.

**High-Temperature Stability** affects how quickly the drill point fails due to the heat generated by the drilling operation.

**Drilling Temperature** is directly proportional to motor RPM, applied force, and work material hardness. As each value increases, so does the heat generated by the drilling operation.

**Reducing Applied Force** can increase durability and allow the drill point to penetrate thicker materials (i.e., remove more material before failing due to heat buildup).

**Reducing Motor RPM** can improve performance in harder materials by allowing the user to push harder during the drilling process and extending the life of the drill point.



# Troubleshooting



#### Cam Out

The name given to the unfavorable result of a bit driver slipping out of a screw recess while the screw is being installed. This typically results in a rounded out or deformed recess, making it more difficult, if not impossible, to fully install the screw (especially in Phillips and Square drives, less frequent in Star drives and extremely rare in LOX<sup>®</sup> drives).



#### Strip Out (Spin Out)

The screw spins freely without penetrating deeper into the substrate material as it rotates.



#### Decarburization

Loss of carbon from the surface of steel when it is heated and held at temperature. The result is a change in mechanical properties at the surface, such as lower surface hardness.



#### Split Crests

Typically created during the manufacturing process by using overly worn thread-forming dies—or the wrong size wire—the crests of the threads form two crests (peaks) rather than a single crest.

Troubleshooting



Failure Condition	Possible Causes	Suggested Action
Split at point (web)	Excessive force (feed) applied while drilling	Reduce application force
Outer corners worn or melted	Drill RPM (cutting speed) too high	Use a slower motor or partial trigger pull
Cutting edges chipping or breaking	Excessive force (feed) applied while drilling	Reduce application force
Point melted or diameter significantly reduced	<ul> <li>Work material too hard</li> <li>Insufficient chip clearance</li> <li>Excessive force (feed) applied while drilling</li> </ul>	<ul> <li>Confirm work material specs</li> <li>Choose screw with a longer pilot section</li> <li>Reduce application force</li> </ul>
Screw spins without drilling a hole	<ul> <li>Drill motor set on reverse</li> <li>Work material too hard</li> <li>Drill point blunted by handling</li> </ul>	<ul> <li>Check motor direction</li> <li>Confirm work material specs</li> <li>Inspect unused drill points for possible damage (from handling)</li> </ul>



# **General Nailing Recommendations**

Driving a nail flush or snug depends on the specific application and the materials involved.

	Flush	Generally recommended for finish work, flooring, and drywall.
	Snug	Generally recommended for framing, roofing, and insulation boards.
	Overdriven	Corrective action: Fill the hole, install a new nail above or below if > 1/8 in.
	Underdriven	Corrective action: Set snug or flush, depending on the application.
F	Angled	Corrective action: Remove, fill hole, install new nail above or below.

#### **Blind Fastening**

Blind fastening refers to a method of securing materials together when you only have access to one side of the workpiece and are unable to view the substrate material receiving the fastener. Blind fastening conditions are common, and while there are many instances of blind fastening, we recommend some best practices to ensure plumb attachment penetration and minimize accidental penetration of other building components. A common method is to identify the stud or fastening line using a laser line or marking the stud line to facilitate thorough fastener applications. If available, utilize a drill guide for long fasteners to help ensure accurate fastener penetration. If the receiving stud is missed and there is concern about penetrating the continuity of sensitive control layers such as an air barrier system, we recommend contacting the material manufacturer as repair methods vary.



### **Standard Corrosion Test Results**

Finish	Test	Standard / Protocol	Results
Clear Zinc	Salt Spray Results	ASTM B117	12 hours, no red rust
Phosphate	Salt Spray Results	ASTM B117	24 hours, no red rust
Yellow Zinc	Salt Spray Results	ASTM B117	24 hours, no red rust
<b>GrabberGard</b> ®	Salt Spray Results	DIN 50028, 2.0L	15 cycles, no red rust
<b>GrabberGard</b> ®	Salt Spray Results	ASTM B117	1,000 hours, no red rust
GrabberGard® 1500	Salt Spray Results	ASTM B117	1,500 hours, no red rust



## **Coatings and Corrosion Resistance Classifications**

Level of Corrosion Resistance	<b>Coatings and Finishes</b>	Performance'
Low	Gray Phosphate	Recommended for interior applications. Gray phosphate provides a minimum level of corrosion resistance and is intended for dry, low-corrosion applications.
Low	Clear Zinc	Recommended for interior and exterior applications where the fastener will be encapsulated, e.g., the attachment of lathing prior to the application of stucco. Electroplated clear zinc is applied in accordance with ASTM F1941 and provides 12 to 24 hours of corrosion protection, per ASTM B117, before the first appearance of red rust depending on coating thickness.
Low	Yellow Zinc	Suitable for structural applications. This is a mechanically applied zinc coating that meets the requirements of ASTM B695, Class 55, which is a minimum average thickness of 55 microns with a supplementary overcoat. Screws with a Class 55 coating meet the requirements for use in preservative-treated and fire-retardant-treated wood.
Medium	Mechanical Galvanized	Recommended for interior and exterior applications where the fastener will be encapsulated, e.g., the attachment of lathing prior to the application of stucco. Electroplated zinc applied in accordance with ASTM F1941 provides at least 24 hours of corrosion protection, per ASTM B117, before the first appearance of red rust.
Medium	GrabberGard®	Suitable for use in non-coastal areas with all pressure-treated lumbers, including alkaline copper quaternary (ACQ) treated lumber. GrabberGard <sup>®</sup> metal finish is a high-grade proprietary metal surface processing technology that prevents corrosion. It is a duplex coating consisting of a zinc substrate and organic polymer topcoat. These layers are bonded together through thermal fusion, and this unique method of combining layers results in a combination of the coating films. GrabberGard <sup>®</sup> treatment does not attribute its anti-corrosion properties to any single material and when combined has excellent corrosion-resistant qualities.
Medium	GrabberGard® 1500	Suitable for use in non-coastal areas with all pressure-treated lumbers, including alkaline copper quaternary (ACQ) treated lumber. GrabberGard <sup>®</sup> metal-finish is a high-grade proprietary metal surface processing technology that prevents corrosion. It is a RoHS (Restriction of Hazardous Substances) compliant coating constituting a hexavalent chromium-free zinc substrate and organic polymer topcoat. The distinguishing feature of GrabberGard <sup>®</sup> 1500 is the joining and encapsulation of the substrate with the fused organic surface coating. GrabberGard <sup>®</sup> 1500 treatment does not attribute its anti-corrosion properties to any single material, but the synergy of these two layers, when combined, has excellent corrosion-resistant qualities.
High-Medium	302 Stainless Steel <sup>2</sup>	Can be used in MRI rooms and other applications specifying nonmagnetic parts. Suitable for exterior grade that is not in coastal areas when used in conjunction with untreated wood, micronized copper quaternary (MCQ), chromated copper arsenate (CCA), or borates and other non-alkaline copper quaternary (ACQ) treated lumber. Type 302 stainless steel is an extremely tough, ductile grade that demonstrates superior corrosion resistance compared to 400 series, or zinc-plated fasteners.
High	305 Stainless Steel <sup>2</sup>	Suitable for exterior grade applications that are not in coastal areas when used in conjunction with untreated or treated wood, including alkaline copper quaternary (ACQ). Type 305 stainless steel is a nickel chromium austenitic grade of stainless steel and is inherently nonmagnetic. This material is not hardened by heat treatment and provides very good corrosion protection.
High-Enhanced	316 Stainless Steel <sup>2</sup>	Suitable for use in coastal areas and is considered marine grade stainless. Also suitable for exterior grade in coastal areas, and around pools and spas, acidic conditions, and can be used in conjunction with untreated or treated lumber, including alkaline copper quaternary (ACQ). Type 316 stainless steel is a nickel chromium austenitic grade of stainless steel and is inherently nonmagnetic. This material provides the highest level of corrosion protection. This austenitic stainless steel has an increased molybdenum content to increase its resistance to corrosion when compared to other 300 series alloys.

'Grabber offers a wide range of coatings and corrosion resistance designed to meet specific performance criteria. It is important to select an option that is suitable for the intended application and environment based upon factors such as corrosion resistance and mechanical properties of the material. Refer to the next page for more information about galvanic corrosion risk. If uncertain, we recommend consulting with a corrosion engineer.

<sup>2</sup>Painting stainless-steel fasteners should be avoided. Imperfections or damage to the paint can enable the collection of dirt and water that can degrade or block the passive formation of the protective chromium oxide film.



## **Galvanic Reaction Chart**

For dissimilar metals

This chart is designed to assist in broadly assessing the risk of galvanic corrosion associated with a given metal coming into contact with another metal. To use the chart, align the metal to be assessed (for the risk of corrosion) in the left column with the Contact Metal listed in the upper row; green represents a lower risk<sup>1</sup> and red represents a higher risk. For a more specific assessment of the risk of galvanic corrosion, please reference other sources.

	Galvanic Corrosion Risk	Magnesium and Alloys	Zinc and Alloys	Aluminum and Alloys	Cadmium	Carbon Steel	Cast Iron	Stainless Steels	Lead, Tin, and Alloys	Nickel	Brasses, Nickel-Silvers	Copper	Bronzes, Cupro-Nickels	Nickel Copper Alloys	Nickel-Chrome Alloys. Titanium. Silver, Graphite, Gold, and Platinum
	Magnesium and Alloys														
	Zinc and Alloys														
	Aluminum and Alloys														
	Cadmium														
	Carbon Steel														
	Cast Iron														
r metal	Stainless Steels														
ONTACT	Lead, Tin, and Alloys														
2	Nickel														
	Brasses, Nickel-Silvers														
	Copper														
	Bronzes, Cupro-Nickels														
	Nickel Copper Alloys														
	Nickel-Chrome Alloys, Titanium, Silver, Graphite, Gold, and Platinum														

CONTACT METAL

<sup>1</sup>Green represents lower risk, not no risk.

It should be noted that if sacrificial plating is incorporated into the fastener design, then galvanic action can result in the deterioration of the sacrificial coating, rather than of the fastener. We would advise that the suggested fasteners for dissimilar-metal applications would incorporate our GrabberGard<sup>®</sup> coating that utilizes both barrier and sacrificial coatings to minimize the chance and/or rate of corrosion. The barrier coating used to encapsulate the base steel and zinc layer, plus anti-corrosion chemical bonding agents, minimizes the opportunity for contact to occur, thereby further reducing the risk of corrosion.

### References and Associated Standards



- AISI S100, North American Specification for the Design of Cold-Formed Steel Structural Members, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- AISI S200, North American Standard for Cold-Formed Steel Framing—General Provisions, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- AISI S201, North American Standard for Cold-Formed Steel Framing—Product Data, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- AISI S220, North American Standard for Cold-Formed Steel Framing—Nonstructural Members, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- AISI S240, North American Standard for Cold-Formed Steel Structural Framing, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- AISI S904, Standard Test Methods for Determining the Tensile and Shear Strength of Screws, American Iron and Steel Institute, Washington, D.C. www.steel.org.
- ANSI/ASME B18.6.4, Standard Specifications for Thread-Forming and Thread-Cutting, ASME International, New York, NY. www.asme.org
- AC118, Acceptance Criteria for Tapping Screw Fasteners, International Code Council Evaluation Service (ICC-ES), Brea, CA. www.icc-es.org.
- ASTM B117, Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM B695, Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM C754, Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM C954, Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM C955, Standard Specification for Cold-Formed Steel Structural Framing Members, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM C1002, Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM C1513, Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM D1761, Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM F1667, Standard Specification for Driven Fasteners: Nails, Spikes, and Staples, ASTM International, West Conshohocken, PA. www.astm.org.
- ASTM F1941 Standard Specification for Electrodeposited Coatings on Mechanical Fasteners, Inch and Metric, ASTM International, West Conshohocken, PA. www.astm.org.
- GA-235, Gypsum Board Typical Mechanical and Physical Properties, Gypsum Association, Silver Spring, MD. www.gypsum.org.
- SFIA, Steel Framing Industry Association. www.steelframing.org.
- SSMA, Steel Stud Manufacturers Association. www.ssma.com.

without prior notice.

Specific fasteners are listed in ICC Evaluation Services Reports, ESR-1271, ESR-3531, ESR-4223, and ESR-5417.

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#### GRABBER CONSTRUCTION PRODUCTS, INC. 5255 W 11000 N., STE 100 Highland, ut 84003

(800) 477-8876 | GrabberPro.com

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