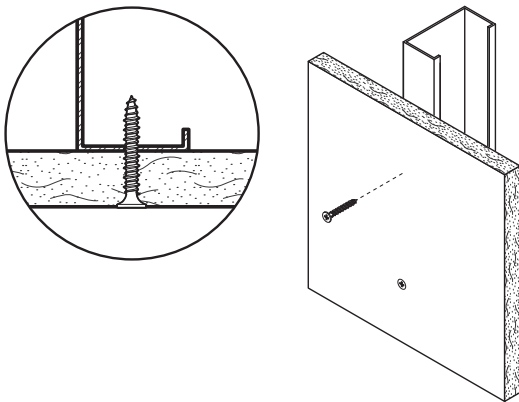
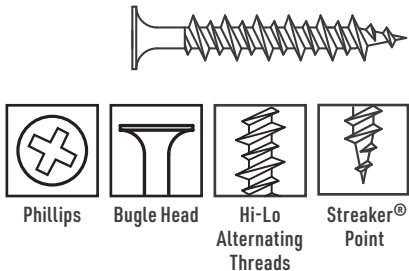


Bugle Head, Hi-Lo Thread Drywall Screw

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



SCORPION®



Description Attaches gypsum board to light-gauge steel or wood.

Specifications

Size | Gauge: #6 to #10
Length: 3/4 in. to 6 in.
Head Type: Bugle
Recess Type: #2 Phillips
Thread Type: Hi-Lo Alternating
Finish: Phosphate, Clear Zinc

Quality Assurance: Scorpion® fasteners are manufactured in ISO 9001 certified and approved factories.
LEED Reporting: The post-consumer recycled steel content is 25%.
Compliance: The fasteners comply with ASTM C1002 performance requirements.

Applications

- 3/8 in., 1/2 in., and 5/8 in. single-layer gypsum board to light-gauge steel or wood studs
- 1/2 in. and 5/8 in. double-layer gypsum board to light-gauge steel or wood
- Steel or wood cabinets through single-layer gypsum board to light-gauge steel studs or wood
- OSB or plywood to light-gauge steel or wood

Installation

- 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.
- 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.
- Overdriving may result in failure of the fastener or failure of the gypsum board.
- For wood-to-wood connections, minimum penetration should be 6D, or six times the major diameter, in accordance with AWC-NDS for Wood Construction.
- The fastener must penetrate beyond the steel a minimum of 3/8 in. according to ASTM C840.

Features

- Hi-Lo Alternating threads reduce torque and increase holding power.
- Extra-sharp, 23° Streaker® point is designed to penetrate light-gauge steel quickly and easily.
- #2 Phillips recess designed for better bit engagement, resulting in less wobble or strip-out.
- The bugle head is designed to seat quickly and easily into gypsum board, creating a flush surface and easy finishing.

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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.

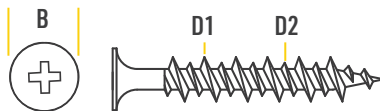
Pull-Out Test Data¹

Screw Gauge	TPI ²	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.
#10	14 Hi-Lo	25	0.0188 in.	46 lbs.	71 lbs.
		20	0.0346 in.	84 lbs.	177 lbs.

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

Sheet Steel Gauges

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



Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Hi Thread Major Dia.	D2 Lo Thread Major Dia.	TPI ²
#6	0.325 in.	#2 Phillips	0.138 in.	0.120 in.	18 Hi-Lo
#7	0.325 in.	#2 Phillips	0.151 in.	0.126 in.	16 Hi-Lo
#8	0.325 in.	#2 Phillips	0.164 in.	0.142 in.	15 Hi-Lo
#10	0.343 in.	#2 Phillips	0.190 in.	0.161 in.	14 Hi-Lo

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

Light-Gauge Steel or Wood

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

Bugle Head, Hi-Lo Thread Drywall Screw

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

SCORPION®

Ordering Information and Product Options

Item No.	Size	Recess	Head Dia.	TPI	Quantity	Weight	Special Features
Phosphate							
SST034	6 x 3/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	12,000	28 lb.	
SST100	6 x 1 in.	#2 Phillips	0.325 in.	18 Hi-Lo	10,000	31 lb.	
SST114	6 x 1 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	8,000	30 lb.	
SST158	6 x 1 5/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	5,000	24 lb.	
SST200	6 x 2 in.	#2 Phillips	0.325 in.	18 Hi-Lo	3,500	20 lb.	
SST214	7 x 2 1/4 in.	#2 Phillips	0.325 in.	16 Hi-Lo	3,000	24 lb.	
SST212	8 x 2 1/2 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,500	24 lb.	
SST300	8 x 3 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,000	26 lb.	
SST400	10 x 4 in.	#2 Phillips	0.343 in.	14 Hi-Lo	1,000	12 lb.	
SST412	10 x 4 1/2 in.	#2 Phillips	0.343 in.	14 Hi-Lo	1,000	14 lb.	
SST500	10 x 5 in.	#2 Phillips	0.343 in.	14 Hi-Lo	1,000	16 lb.	
SST600	10 x 6 in.	#2 Phillips	0.343 in.	14 Hi-Lo	1,000	19 lb.	
Clear Zinc							
SSTZ114	6 x 1 1/4 in.	#2 Phillips	0.325 in.	18 Hi-Lo	8,000	30 lb.	
SSTZ158	6 x 1 5/8 in.	#2 Phillips	0.325 in.	18 Hi-Lo	5,000	24 lb.	
SSTZ200	6 x 2 in.	#2 Phillips	0.325 in.	18 Hi-Lo	3,500	20 lb.	
SSTZ212	8 x 2 1/2 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,500	24 lb.	
SSTZ300	8 x 3 in.	#2 Phillips	0.325 in.	15 Hi-Lo	2,000	26 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. Contact your local Grabber Branch or GrabberPro for more information.

Bugle Head Hi-Lo Thread Drywall Screw
PS1078 USA-ENG/Rev. 8-26

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

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