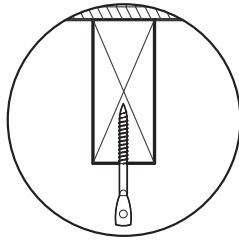
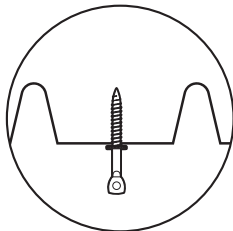
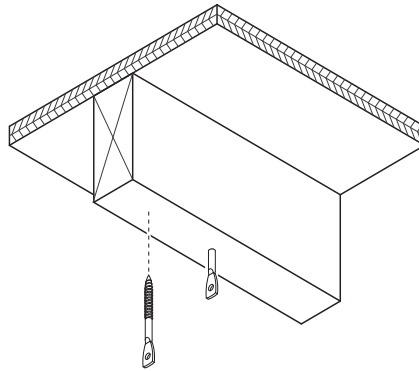


Acoustical Eye Lag

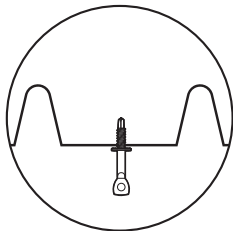
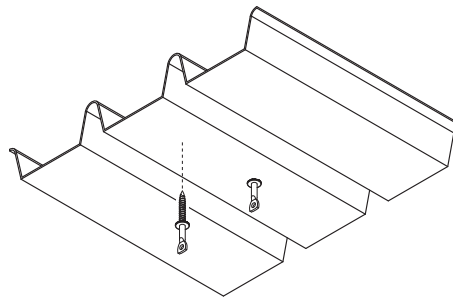
Acoustical Wire to Wood and Steel



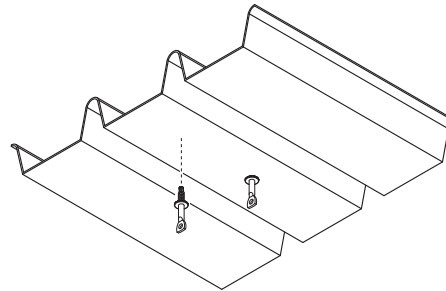
Wood attachment



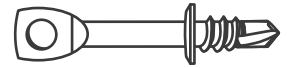
Light-gauge steel attachment



Heavy-gauge steel attachment



SCORPION®



Eye Lag

Stopping
CollarType 17
Point

Sharp Point



Drill Point

Description Attaches hanger wire to wood and steel.

Specifications

Size | Gauge: 1/4 in. and 5/16 in.
Length: 2 in. to 5 in.
Head Type: Eye Lag
Recess Type: n/a
Thread Type: Coarse, Fine

Finish: Yellow Zinc

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

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

Applications

- Attaches hanger wire to light-gauge steel or wooden ceiling joists
- Attaches hanger wire to heavy-gauge, cold-formed steel

Acoustical Eye Lag

Acoustical Wire to Wood and Steel

SCORPION®

Installation

- Use a standard screw gun with Grabber's Eye Lag installation tool (ELAT). Suggested screw gun specification for optimal performance: wood and light-gauge Steel up to 4,000 RPM; heavy-gauge Steel up to 2,500 RPM.
- The fastener must penetrate beyond the steel three full thread pitches.
- The fastener should penetrate the wood at least 6D, or six times the major diameter, in accordance with AWC-NDS for Wood Construction.
- Overdriving may result in failure of the fastener.

Features

- Scorpion® Eye Lag screws are more evenly heat-treated and tempered, resulting in more consistent and reliable performance.
- Sharp point designed to drive the screw straight in, reducing the likelihood of tilting.
- Type 17 point is designed to smoothly penetrate wood without splitting.
- Consistently formed, extra-sharp drill point starts and drills easily into heavy-gauge, 33 mil or thicker material.

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 Data¹ (Steel only)

Size	TPI ²	Steel Gauge	Design Thickness	Tension	Shear
#14	14	25	0.0188 in.	58 lbs.	80 lbs.
		20	0.0346 in.	107 lbs.	199 lbs.
		18	0.0451 in.	139 lbs.	297 lbs.
		16	0.0566 in.	252 lbs.	417 lbs.
		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.

¹Test 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.

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

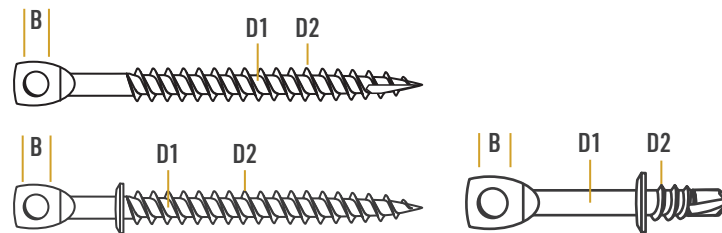
Acoustical Eye Lag

Acoustical Wire to Wood and Steel

SCORPION®

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.	3.157 mm



Product Dimensions

Screw Size	B Eye Dia.	D1 Minor Dia.	D2 Major Dia.	TPI ¹
1/4 in.	3/16 in.	0.193 in.	0.250 in.	14
1/4 in.	3/16 in.	n/a	0.250 in.	11
5/16 in.	1/4 in.	n/a	0.313 in.	11

¹TPI 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

Item No.	Size	Drive Type	TPI	Quantity	Weight	Special Features
Yellow Zinc						
AL300	1/4 x 3 in.	Eye Lag Driver	11	1,000	21 lb.	Coarse thread, Sharp point
AL312	5/16 x 3 1/2 in.	Eye Lag Driver	11	1,000	31 lb.	
AL400	1/4 x 4 in.	Eye Lag Driver	11	1,000	36 lb.	
AL500	1/4 x 5 in.	Eye Lag Driver	11	1,000	37 lb.	
ALSP234	1/4 x 2 3/4 in.	Eye Lag Driver	14	1,000	38 lb.	Fine thread, Sharp point
ALDP200	1/4 x 2 in.	Eye Lag Driver	14	1,000	21 lb.	Fine thread, Drill point
ALDP314	1/4 x 3 1/4 in.	Eye Lag Driver	14	1,000	31 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.

Acoustical Eye Lag
PS1094 USA-ENG/Rev. 8-26

Grabber Construction Products, Inc.
3125 W. Executive Pkwy., Suite 200
Lehi, UT 84048

(800) 477-8876 | GrabberPro.com

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

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