

**Grabber Tie-Master & Lag-Master  
meet requirements for ICC ESR-3531**

**TIE-MASTER™**  
The best Timber Fastener

ICC-ES thoroughly examined Grabber®'s product information, test reports, calculations, quality control methods, and other factors to ensure that the products are code compliant. Building officials, architects, contractors, specifiers, designers, and others can utilize this ICC-ES Evaluation Report to provide a basis for using or approving these products in construction projects.

The screws were evaluated for their structural and corrosion-resistance properties.

Grabber®'s Tie-Master™ and Lag-Master™ Multipurpose Wood Fasteners described in the report are used for engineered wood-to-wood connections in accordance with the IBC and the ANSI/AWC National Design Specification for Wood Construction (NOS). The fasteners may be used under the IRC when an engineered design is submitted in accordance with IRC Section R301.1.3.

For more information on Grabber®'s Tie-Master™ and Lag-Master™ screws and the rest of the company's product lines, please visit [www.grabberman.com](http://www.grabberman.com) or call 800-477-TURN.



ICC ESR-3531  
Approved

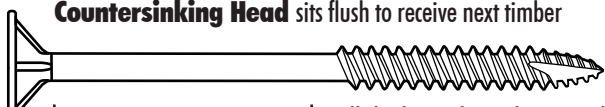


**Tie-Master™**

**Lag-Master™**

Available Lengths		Packaging	
<b>2-1/2"</b>	<b>6"</b>	<b>Retail Pack</b>	<b>10 screws</b>
<b>4"</b>	<b>8"</b>	<b>Count Pack</b>	<b>50 screws</b>
<b>4-1/2"</b>	<b>10"</b>	<b>Bulk Bucket</b>	<b>500 screws</b>
<b>5"</b>	<b>12"</b>	<b>Tension 1,490 lbf</b>	
		<b>Avg. shear 1,046 lbf</b>	
		<b>Bend yield 150,000 psi</b>	

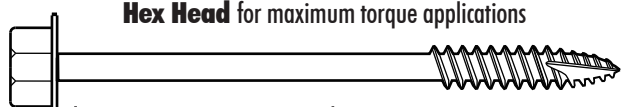
**Countersinking Head** sits flush to receive next timber



**Draw-Tite™ Shank** — Pulls both wood members together for a secure fastening job

Available Lengths		Packaging	
<b>2-1/2"</b>	<b>4-1/2"</b>	<b>Retail Pack</b>	<b>10 screws</b>
<b>3"</b>	<b>5"</b>	<b>Count Pack</b>	<b>50 screws</b>
<b>3-1/2"</b>	<b>6"</b>	<b>Bulk Bucket</b>	<b>500 screws</b>
<b>4"</b>		<b>Tension 1,826 lbf</b>	
		<b>Avg. shear 905 lbf</b>	
		<b>Bend yield 150,000 psi</b>	

**Hex Head** for maximum torque applications



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**Ask your local Grabberman for additional details**