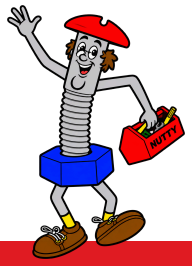
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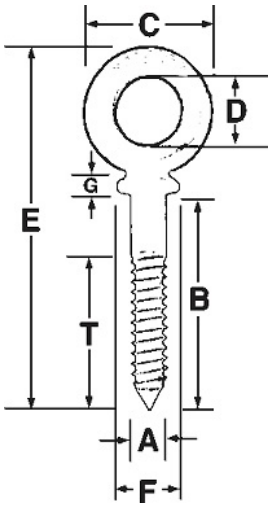


PRODUCT DATA SHEET

Galvanized Lag Screw Eyes

1.0 Dimensions & Working Load Limits (inches)





- **Drop forged** steel eye with a **shoulder** under the eye.
- **Hot-dip galvanized** – for outdoor, wet and marine use.
- **Lag screw (wood) thread** with a gimlet point – screws straight into wood.
- Working load limits from **500 lb (1/4") to 10,000 lb (1")**, in-line pull.
- Diameters 1/4" through 1".

Stock No.	Size A x B	C Outside Eye	D Inside Eye	E Overall Length	F Outside Shoulder	G Thick. at Shoulder	T Thread Length	WLL (lbs.)* In-line
GLSE142	**1/4" x 2"**	1"	1/2"	3-1/8"	7/16"	5/64"	1-1/2"	**500**
GLSE516214	**5/16" x 2-1/4"**	1-1/4"	5/8"	3-3/4"	9/16"	3/32"	1-5/8"	**800**
GLSE38212	**3/8" x 2-1/2"**	1-1/2"	3/4"	4-1/4"	11/16"	1/8"	1-3/4"	**1,200**
GLSE12314	**1/2" x 3-1/4"**	2"	1"	5-1/2"	7/8"	5/32"	2-1/8"	**2,200**
GLSE584	**5/8" x 4"**	2-5/16"	1-1/4"	6-3/4"	1-1/8"	13/64"	2-1/2"	**3,500**
GLSE34412	**3/4" x 4-1/2"**	2-3/4"	1-1/2"	7-3/4"	1-3/8"	1/4"	3"	**5,200**
GLSE16	**1" x 6"**	3-3/4"	2"	10-1/2"	1-3/4"	5/16"	3-1/2"	**10,000**

Dimensions are nominal, in inches. Size = diameter (A) x shank length (B). *Working Load Limit is for in-line (straight) pulls.

2.0 Material & Finish

Property	Galvanized Lag Screw Eyes
Type	Forged shoulder lag screw eye
Manufacture	Drop forged steel – eye is closed, not bent
Finish	Hot-dip galvanized
Thread	Lag screw (wood) thread, gimlet point
Corrosion	Good for outdoor, wet and marine locations
Rating	Working Load Limit (WLL) for in-line (straight) pulls – see table

3.0 Common Uses

- Guy wires on wood poles and posts
- Hanging and tie-down points on timber
- Docks, piers and boat houses
- Barns, fences, gates and farm hardware
- Wire rope, chain and cable runs

4.0 Application & Installation

- **Drill a pilot hole** for the threaded part so the wood does not split and the threads hold fully. Use a larger pilot hole in hardwoods.
- Screw the eye in until **all of the thread (T) is in solid wood** and the shoulder is snug against the surface. Turn it with a bar through the eye – do not over-tighten.
- Pick a size so the thread goes into sound, solid wood – not into end grain, knots, rot or split wood.
- Load in line with the shank for the full WLL. Angled loads lower the capacity; line up the eye with the direction of pull and never load across the eye.
- The WLL is the rating of the eye. **Holding power in wood can be lower** – it depends on the wood species and condition, pilot hole and thread depth.
- Hot-dip galvanized steel is a good choice outdoors and near water. For indoor light duty use, plated steel lag screw eyes are also available.

5.0 Inspection & Safety

- Never exceed the Working Load Limit. Do not shock load.
- Inspect before each use: do not use a lag screw eye that is bent, cracked, worn, rusted or loose in the wood.
- Never load across (sideways to) the eye.
- Do not weld, heat or modify the eye.
- Do not use for lifting people.

Disclaimer: The above is a compilation of data from various industry standards. The Nutty Company, Inc. has made every effort to present the data accurately. However, The Nutty Company, Inc. cannot be held liable for any claim traceable to any errors, typographical or otherwise, contained herein.



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