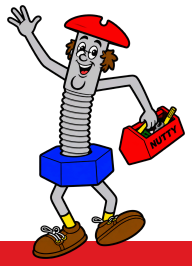
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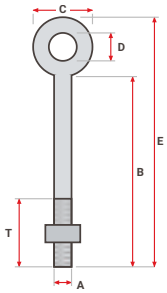


PRODUCT DATA SHEET

Galvanized Forged Eye Bolts – Inch Series

1.0 Dimensions & Working Load Limits (inches)





- **Drop forged** carbon steel, **hot-dip galvanized**.
- **Regular nut eye bolt** – non-shouldered, for vertical / in-line loads only.
- Meets or exceeds **ASME B30.26**.
- Supplied with a **galvanized hex nut**.
- Working Load Limit at a **5:1** design factor.

A Dia.	Thread UNC	Stock No.	B Shank Length	C Outside Eye	D Inside Eye	E Overall Length	T Thread Length	Working Load Limit (lbs.)*
1/4"	1/4-20	GEB142	2"	1"	1/2"	3"	1-1/2"	**500**
		GEB143	3"			4"	1-1/2"	
		GEB144	4"			5"	2"	
		GEB145	5"			6"	2-1/2"	
		GEB146	6"			7"	3"	
5/16"	5/16-18	GEB516214	2-1/4"	1-1/4"	5/8"	3-1/2"	1-1/2"	**800**
		GEB516314	3-1/4"			4-1/2"	1-1/2"	
		GEB516414	4-1/4"			5-1/2"	2-1/2"	
		GEB5165	5"			6-1/4"	2-1/2"	
		GEB5166	6"			7-1/4"	3"	
3/8"	3/8-16	GEB38212	2-1/2"	1-1/2"	3/4"	4"	1-1/2"	**1,200**
		GEB383	3"			4-1/2"	1-1/2"	
		GEB38412	4-1/2"			6"	2"	
		GEB385	5"			6-1/2"	2-1/2"	
		GEB386	6"			7-1/2"	3"	
		GEB388	8"			9-1/2"	4"	
1/2"	1/2-13	GEB122	2"	2"	1"	4"	1-7/8"	**2,200**
		GEB12314	3-1/4"			5-1/4"	1-1/2"	
		GEB124	4"			6"	2"	
		GEB12412	4-1/2"			6-1/2"	2"	
		GEB126	6"			8"	3"	
		GEB128	8"			10"	4"	
		GEB1210	10"			12"	4"	
		GEB1212	12"			14"	4"	

Table continues on page 2 – 5/8" through 1-1/4" diameters.

1.0 Dimensions & Working Load Limits (inches, continued)

A Dia.	Thread UNC	Stock No.	B Shank Length	C Outside Eye	D Inside Eye	E Overall Length	T Thread Length	Working Load Limit (lbs.)*
5/8"	5/8-11	GEB584	4"	2-5/16"	1-1/4"	6-13/16"	2"	**3,500**
		GEB586	6"			8-5/16"	3"	
		GEB588	8"			10-5/16"	4"	
		GEB5810	10"			12-5/16"	4"	
		GEB5812	12"			14-5/16"	4"	
		GEB5815	15"			17-5/16"	6"	
		GEB5818	18"			20-5/16"	6"	
		GEB5820	20"			22-5/16"	6"	
		GEB5824	24"			26-5/16"	6"	
3/4"	3/4-10	GEB34412	4-1/2"	2-3/4"	1-1/2"	7-1/4"	2-1/2"	**5,200**
		GEB346	6"			8-3/4"	3"	
		GEB348	8"			10-3/4"	4"	
		GEB3410	10"			12-3/4"	4"	
		GEB3412	12"			14-3/4"	4"	
		GEB3415	15"			17-3/4"	6"	
		GEB3418	18"			20-3/4"	6"	
		GEB3424	24"			26-3/4"	6"	
1"	1-8	GEB16	6"	3-3/4"	2"	9-3/4"	3"	**10,000**
		GEB19	9"			12-3/4"	4"	
		GEB112	12"			15-3/4"	4"	
		GEB118	18"			21-3/4"	6"	
		GEB1X24	24"			27-3/4"	6"	
1-1/4"	1-1/4-7	GEB11412	12"	4-1/2"	2"	16-1/2"	6"	**13,500**
		GEB11420	20"			24-1/2"	6"	
		GEB11424	24"			28-1/2"	6"	
		GEB11430	30"			34-1/2"	6"	

*Working Load Limit is for in-line (0°) loads only, 5:1 design factor. Do not use for angular loads. Dimensions are nominal.

2.0 Material & Finish

Property	Galvanized Forged Eye Bolts
Type	Regular nut eye bolt (plain pattern, non-shouldered)
Manufacture	Drop forged carbon steel – one continuous piece
Finish	Hot-dip galvanized (protective zinc coating)
Standard	Meets or exceeds all requirements of ASME B30.26
Thread	UNC (coarse)
Design factor	5:1 (Working Load Limit = 1/5 of minimum breaking strength)
Supplied with	Galvanized hex nut

4.0 Working Load Limits

Size	Thread	WLL (lbs.) In-line, 5:1
1/4"	1/4-20	500
5/16"	5/16-18	800
3/8"	3/8-16	1,200
1/2"	1/2-13	2,200
5/8"	5/8-11	3,500
3/4"	3/4-10	5,200
1"	1-8	10,000
1-1/4"	1-1/4-7	13,500

3.0 Common Uses

- Anchoring, pulling, pushing and hoisting connection points
- Rigging hardware for securement
- Docks, marine, farm and construction in-line loads
- Vertical (in-line) lifting only

5.0 Application & Installation

- Regular nut eye bolts are **non-shouldered**: use them for vertical or in-line loads only. They are NOT intended for angular loading – for angular loads use shouldered eye bolts or swivel hoist rings.
- LOADS SHOULD ALWAYS BE IN LINE WITH THE SHANK and in the plane of the eye.
- Install through a clearance hole and secure with the supplied galvanized hex nut. Make sure the nut has full thread engagement and is tightened snug against the work.
- The Working Load Limit (WLL) is for in-line (0°) loads with a 5:1 design factor. Never exceed the WLL.
- Make sure hooks, shackles and other fittings fit freely in the eye without forcing.

6.0 Inspection & Safety

- Each Eyebolt must be completely inspected BEFORE each use for possible defects such as: distortion, bent shank/threads, or incomplete/incorrectly formed threads. Periodic inspection of Eyebolts is highly recommended.
- Eyebolts should not be left where they can incur mechanical damage or corrosion.
- Destroy Eyebolts when signs of bend, elongation, wear or damage are visible. Such signs indicate that the Eyebolt has been stressed (overloaded) beyond rated capacity. Never attempt to repair a stressed Eyebolt.
- DO NOT work, stand or crawl around the load of the Eyebolt. Ensure a safe distance from the load.
- DO NOT exceed the Rated Capacity.
- DO NOT SHOCK LOAD EYEBOLTS. Gradually increase lifting of the load to minimize load-shock.
- DO NOT weld Eyebolts, or perform any weld-repair on Eyebolts.

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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