

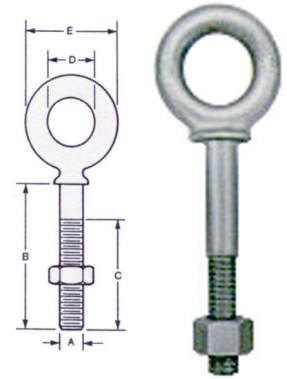
EYE BOLTS



Shoulder Nut Eye Bolts

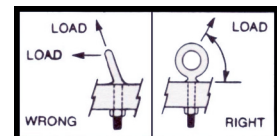
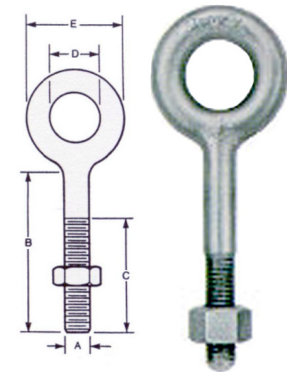
- Forged Carbon Steel, quenched & tempered, hot dip galvanized with heavy hex nut

Size (A x B)		Dimensions (inches)			WLL (lbs)	Weight (lbs)	Vanguard Code
Diameter (A)	Shank (B)	C	D	E			
1/4	2	1.61	0.47	0.90	650	0.06	2971 1020
1/4	4	2.40	0.47	0.90	650	0.08	2971 1040
5/16	2 1/4	1.50	0.62	1.15	1,200	0.11	2971 2022
5/16	4 1/4	2.35	0.57	1.15	1,200	0.16	2971 2042
3/8	2 1/2	1.52	0.73	1.40	1,550	0.17	2971 3025
3/8	4 1/2	2.61	0.73	1.40	1,550	0.25	2971 3045
1/2	3 1/4	1.53	1.00	1.83	2,600	0.40	2971 4032
1/2	6	3.00	1.00	1.83	2,600	0.53	2971 4060
5/8	4	2.12	1.23	2.27	5,200	0.78	2971 5040
5/8	6	3.13	1.23	2.27	5,200	0.81	2971 5060
3/4	4 1/2	2.13	1.45	2.70	7,200	1.41	2971 6045
3/4	6	3.11	1.45	2.70	7,200	1.51	2971 6060
1	6	3.08	1.95	3.70	13,300	3.20	2971 7060



Regular Nut Eye Bolts

Size (A x B)		Dimensions (inches)			WLL (lbs)	Weight (lbs)	Vanguard Code
Diameter (A)	Shank (B)	C	D	E			
5/16	4 1/4	2.48	0.60	1.25	1,200	0.16	2970 2042
3/8	2 1/2	1.51	0.75	1.49	1,550	0.19	2970 3025
3/8	4 1/2	2.45	0.75	1.49	1,550	0.25	2970 3045
3/8	6	2.55	0.75	1.49	1,550	0.30	2970 3060
1/2	3 1/4	1.48	1.00	2.04	2,600	0.51	2970 4032
1/2	6	3.15	1.00	2.04	2,600	0.63	2970 4060
1/2	8	3.06	1.00	2.04	2,600	0.76	2970 4080
1/2	10	3.05	1.00	2.04	2,600	0.87	2970 4100
1/2	12	3.20	1.00	2.04	2,600	1.00	2970 4120
5/8	4	2.08	1.23	2.49	5,200	0.94	2970 5040
5/8	6	3.25	1.23	2.49	5,200	1.13	2970 5060
5/8	8	3.07	1.23	2.49	5,200	1.32	2970 5080
5/8	10	3.10	1.23	2.49	5,200	1.49	2970 5100
5/8	12	4.11	1.23	2.49	5,200	1.59	2970 5120
3/4	4 1/2	2.25	1.44	2.95	7,200	1.51	2970 6045
3/4	6	3.04	1.44	2.95	7,200	1.82	2970 6060
3/4	8	3.14	1.44	2.95	7,200	1.95	2970 6080
3/4	10	3.17	1.44	2.95	7,200	2.08	2970 6100
3/4	12	4.22	1.44	2.95	7,200	2.77	2970 6120
1	6	3.00	1.95	3.99	13,300	3.23	2970 7060
1	12	3.90	1.95	3.99	13,300	4.68	2970 7120



Warning:

NEVER EXCEED WORKING LOAD LIMITS!
WORKING LOAD LIMITS PERTAIN TO IN-LINE PULLS ONLY!
DO NOT USE EYE BOLTS WHICH SHOW SIGNS OF WEAR OR DEFORMATION!
ANGULAR LIFTS: Do not use Regular Nut Eye Bolts - use only Shoulder Nut or Machinery Eye Bolts and observe the following reduced Working Load Limits:

Lift Angle	Max. Load
45°	30% of WLL
90°	25% of WLL

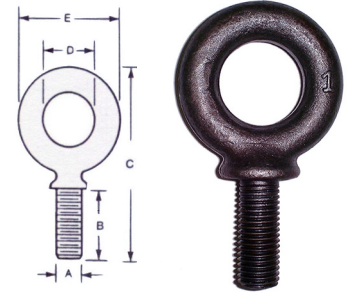


EYE BOLTS & NUTS

Machine Eye Bolts

- Forged Carbon Steel, quenched & tempered

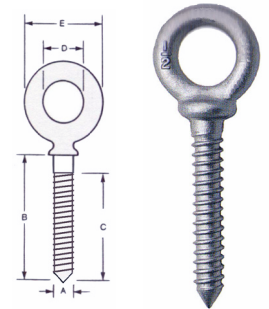
Size (A x B)		Dimensions (inches)			WLL (lbs)	Weight (lbs)	Vanguard Code
Diameter (A)	Shank (B)	C	D	E			
1/4	1	2.34	0.74	1.17	650	0.05	2975 1010
5/16	1 1/8	2.74	0.92	1.44	1,200	0.10	2975 2011
3/8	1 1/4	3.06	1.00	1.66	1,550	0.16	2975 3012
1/2	1 1/2	3.66	1.17	1.96	2,600	0.28	2975 4015
5/8	1 3/4	4.41	1.35	2.40	5,200	0.59	2975 5017
3/4	2	5.00	1.45	2.75	7,200	0.98	2975 6020
7/8	2 1/4	5.79	1.75	3.22	10,600	1.50	2975 7022
1	2 1/2	6.50	1.92	3.77	13,300	2.40	2975 9025
1 1/4	3	7.50	2.29	4.42	21,000	3.96	2975 9030
1 1/2	3 1/2	9.25	2.99	5.54	24,000	6.54	2975 9035



Screw Eye Bolts

- Forged Carbon Steel, quenched & tempered, hot dip galvanized

Diameter (A)	Dimensions (inches)				Weight (lbs)	Vanguard Code
	B	C	D	E		
1/4	1.98	1.53	0.46	0.92	0.06	2973 1020
5/16	2.39	1.88	0.62	1.15	0.09	2973 2025
3/8	2.69	2.00	0.75	1.42	0.17	2973 3025
1/2	3.34	2.54	0.94	1.74	0.34	2973 4032
5/8	4.00	3.34	1.21	2.27	0.69	2973 5040



Forged Eye Nuts

- Forged Carbon Steel, quenched & tempered

Size	Dimensions (inches)		WLL (lbs)	Weight (lbs)	Vanguard Code
	Nominal	Tap Size			
1	1/4	1/4	520	0.09	2974 0016
2	5/16	3/8	1,250	0.18	2974 0020
3	3/8	1/2	2,250	0.28	2974 0024
4	1/2	5/8	3,600	0.58	2974 0032
5	5/8	3/4	5,200	1.00	2974 0040
6	3/4	7/8	7,200	1.70	2974 0048
7	7/8	1	10,000	2.75	2974 0056
8	1	1 1/4	15,500	3.90	2974 0100
10	1 1/4	1 1/2	22,500	6.70	2974 0116
11	1 1/2	2	40,000	18.70	2974 0132



Warning:

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WORKING LOAD LIMITS PERTAIN TO IN-LINE PULLS ONLY!
DO NOT USE EYE BOLTS WHICH SHOW SIGNS OF WEAR OR DEFORMATION!