





Committed to Quality and Total Customer Satisfaction

WHO WE ARE

LEADING **U.S.A.** MANUFACTURER OF FORGED INDUSTRIAL
HARDWARE AND CUSTOM FORGINGS

MISSION STATEMENT

"The Customer Is First"

Ken Forging, Inc. is committed to total customer satisfaction, achieving this goal by manufacturing products of a superior quality at competitive prices. We have set a standard for ourselves, with our customers in mind, with which we provide the best product available in a timely manner that is second to none. We attain these standards by implementing and sustaining effective quality programs, instilling in our employees the belief that everyone within the company is responsible for the quality of our product, and providing a quick turn-around to our customers. We will always strive to better ourselves and our products, and we will continue to grow and lead the industrial hardware industry into the future.

WHAT WE PROVIDE

\$VALUE-ADDED SERVICE

- ★ Immediate delivery within 24 hours from stock
- ★ Prompt response on inquiries, quotations, orders
- ★ No minimums---combination pricing
- ★ Quality with full traceability
- ★ Competitive pricing
- ★ Courteous knowledgeable staff
- ★ Technical Support

OUR FACILITY

260,000 Sq. Ft. Plant. Forge, Die Shop, Machining Department & Quality Department.

OUR LOCATION

Jefferson, Ohio 65 miles East of Cleveland, OH
40 miles West of Erie, PA



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Ordering & Shipping Terms & Conditions

Placing An Order

You can expedite your order by making sure all the information on your order form is complete and correct. Refer to our catalog to ensure your order has the correct stock numbers, dimensions and material. **We encourage you to use the FAX Order/Quote Inquiry Forms located throughout the catalog to minimize possible verbal errors.** Special modified/custom items shall require an approval signature. Our policy is to ship the same day when possible or next day on stock items.

Variation Of Quantity

On special modified/custom orders Ken Forging, Inc. reserves the right to a quantity variation for allowances in manufacturing.

Terms

Established accounts: 1% - 10 days; Net 30.

For your convenience Visa, Mastercard & American Express are accepted.

Freight

F.O.B. Jefferson, Ohio - Customer must advise their preferred method of shipment. LTL shipments will be insured **ONLY** if specifically requested by customer. **ALL UPS SHIPMENTS** will be insured at current UPS rate unless customer specifies otherwise. **ALL UPS SHIPMENTS** will be charged a handling fee based upon total number of cartons shipped.

Prices

Prices are effective immediately and supersede all previous prices listed in catalogs & catalog supplements.

Handling Lost or Damaged Products

If a shipment is lost, notify our sales department as quickly as possible. We will assist in tracing the shipment and contact you regarding the disposition of the order. **If you receive damaged products**, notify the shipper immediately so that a claim may be filed by the responsible party. If you do not check product upon arrival, you will not have a valid claim against the shipper after 5 working days. **For a shipment discrepancy**, call Ken Forging, Inc. immediately. **We cannot be responsible for claims after five (5) working days.**

Return Policy

In the event that you need to return products, you must call first for authorization; otherwise, a credit cannot be issued. Return shipments must be prepaid. A restocking fee of 25% on the value of product or \$30.00 minimum (whichever is greater) will apply. Product cannot be accepted for return after ninety (90) days from shipment date.

SPECIAL MODIFIED/CUSTOM ORDERS CAN NOT BE RETURNED.

Warranty

Ken Forging, Inc. warrants its products against defective materials and workmanship at time of shipment. Carrier assumes responsibility for damage in transit.

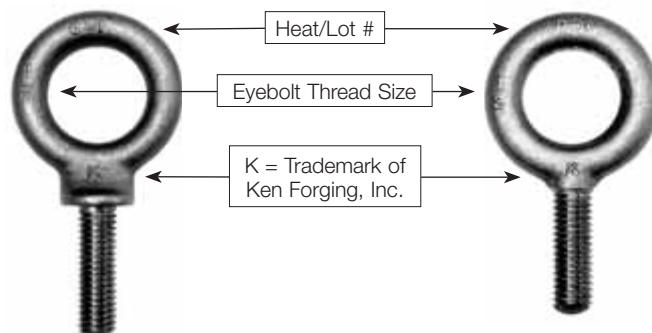


Website: www.kenforging.com • E-mail: sales@kenforging.com

Eyebolt Information

Ken Forging Machinery Eyebolts are manufactured to ASME B18.15 and tested to ASTM A489 specifications.

EYEBOLT TRACEABILITY MARKINGS



Shoulder (Front View)

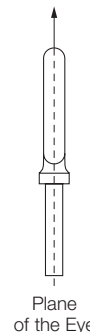
Plain (Front View)

Material Data

Material	Carbon Steel
Heat Treat	Quench and Draw
Grain Size	5 or finer
Tensile	65,000 PSI MIN - 90,000 PSI MAX
Yield	30,000 PSI MIN
Elongation	30% MIN
Reduction of Area	60% MIN
Rated Capacity	See page 3

Application/Installation

- The receiving hole should be counter-sunk and be free and clear of any debris to assure proper seating.
- LOADS SHOULD ALWAYS BE ALIGNED TO THE PLANE OF THE EYE, not at an angle to the plane. A steel washer or spacer may be used in conjunction with Shoulder Eyebolts to attain proper load alignment. The thickness of the steel washer or spacer must not exceed one thread pitch.
- Angular lifting should be avoided. **Angular lifts significantly reduce rated capacities.** See Eyebolt Rated Capacities/Guidelines (page 2).
- Check seating after applying an angular lift since the initial lift may cause the bolt to back away from the load. If such occurs, the Eyebolt should be unloaded & properly resealed.
- For applications with untapped through-holes, longer length Shoulder Eyebolts are recommended, using a steel washer and nut for the required thread length of engagement.
- Shoulder Eyebolt tapped holes are to have a threaded length which allows for full length of shank engagement and clearance for the unthreaded portion of shank.
- Shoulder Eyebolts must be firmly seated and flush against the mating surface; otherwise, the rated capacity is reduced significantly. The use of a steel washer or spacer is permissible and may be required; however, the thickness must not exceed one thread pitch.
- Plain Eyebolt tapped holes are to be threaded for full length engagement of the Eyebolt.
- Plain Eyebolts must have full thread shank engagement, allowing for one-half turn for proper eye-alignment to obtain rated capacities.



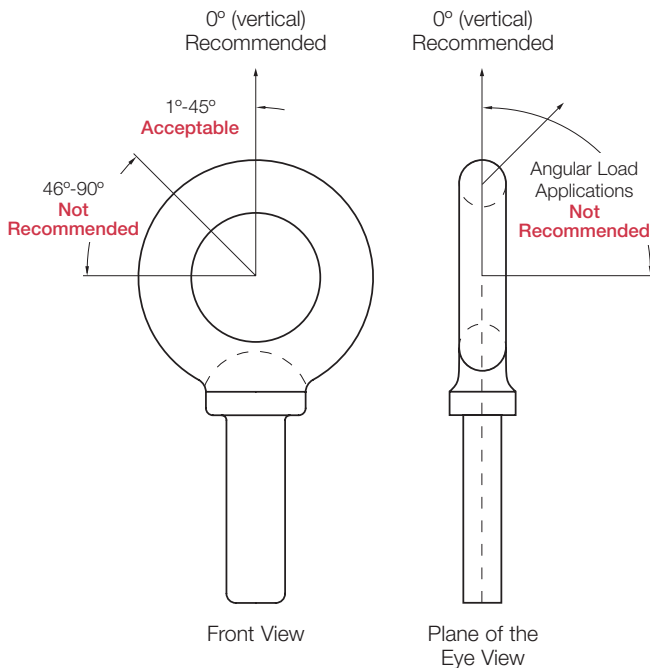
Inspection/Maintenance Safety

- Eyebolts should be inspected and installed by a competent person who is knowledgeable about the application and installation of Eyebolts.
- 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 painted or otherwise coated when used for lifting; such coatings make it difficult to inspect for defects or wear indicators.
- 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.
- **Destroy Eyebolts when they show any signs of alteration.** Signs include: gouging, undercutting, welding, etc.
- **Proper Destruction of an Eyebolt:** crushing or cutting clear across the eye of the Eyebolt.

Eyebolt Information

Safety Precautions

- **DO NOT** work, stand or crawl around the load of the Eyebolt. Ensure a safe distance from the load.
- **DO NOT** use wrenches, crowbars, etc. to tighten Eyebolts. Hand tightening is recommended.
- **DO NOT** use a single Eyebolt to lift a load that can rotate. **Safety Swivel Hoist Rings (page 34) are recommended for such loads.**
- **DO NOT** force hooks or any other fittings into the eye; they must fit freely.
- **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.
- **DO NOT** machine Eyebolts on the shank or shoulder to achieve proper seating.
- **DO NOT** expose Eyebolts to extreme environmental conditions, as they may adversely affect the Rated Capacity.



Shoulder Eyebolt Rated Capacities

Size	0° Lbs.	45° Lbs.	46° +
1/4	500	125	SAFETY SWIVEL HOIST RINGS RECOMMENDED (PAGE 34)
5/16	900	225	
3/8	1,300	325	
7/16	1,800	450	
1/2	2,400	600	
9/16	3,000	800	
5/8	4,000	1,000	
3/4	5,000	1,250	
7/8	7,000	1,750	
1	9,000	2,250	
1 1/8	12,000	3,000	
1 1/4	15,000	3,750	
1 1/2	21,000	5,250	
1 3/4	28,000	7,000	
2	38,000	9,500	
2 1/2	56,000	14,000	

NOTE: Plain Eyebolt angular rated capacities are significantly lower than Shoulder Eyebolt rated capacities; therefore, angular lifting is not recommended.

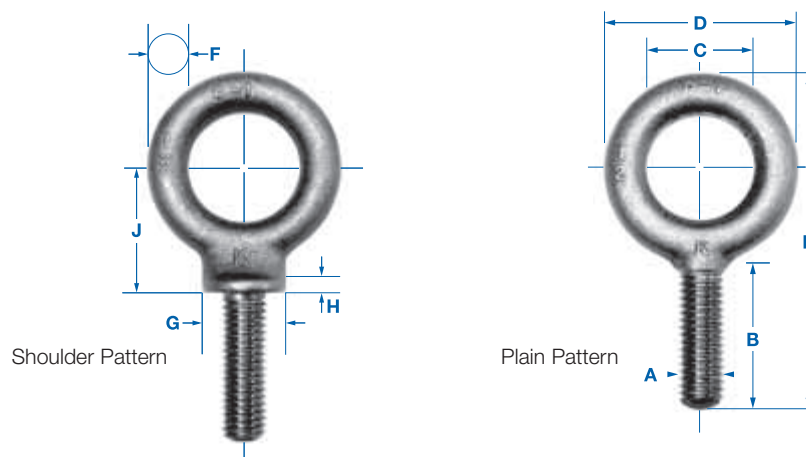
Eyebolt Rated Capacity Guidelines

- The minimum threaded shank length of Eyebolts must be one thread diameter to attain the rated capacity.
- No greater load should be applied to an Eyebolt than the Rated Capacity listed.
- **Angular lifts significantly reduce Shoulder Eyebolt Rated Capacities.** Shoulder Eyebolts should not be used for angular lifts greater than 45°; **Safety Swivel Hoist Rings (page 34) are recommended for such applications.**
- **Plain Eyebolts are not recommended for angular load applications.** **Safety Swivel Hoist Rings (page 34) are recommended for such applications.**

Machinery Eyebolt Reference Dimensions & Rated Capacities

Stock No.		A	B	C	D	E		F	G	H	J	Rated Capacity Lbs.	Thread Size UNC-2A
Shoulder	Plain	Shank Dia.	Shank Length	Eye I.D.	Eye O.D.	Shoulder	Plain	Eye Sect Dia.	Shldr. Dia.	Shldr. Thick.	Location		
K2021	K2001	0.25	1.00	0.69	1.19	2.22	2.06	0.19	0.50	0.12	0.69	500	1/4-20
			1.06	0.81		2.53	2.38	0.25	0.56	0.19	0.81		
K2022	K2002	0.31	1.12	0.81	1.44	2.66	2.44	0.25	0.56	0.12	0.88	900	5/16-18
			1.19	0.94		2.97	2.75	0.31	0.62	0.19	1.00		
K2023	K2003	0.38	1.25	0.94	1.69	3.09	2.81	0.31	0.62	0.12	1.06	1,300	3/8-16
			1.38	1.06		3.47	3.19	0.38	0.69	0.19	1.19		
K2024	K2004	0.44	1.38	1.00	1.81	3.41	3.06	0.34	0.75	0.19	1.19	1,800	7/16-14
			1.50	1.12		3.78	3.44	0.41	0.81	0.25	1.31		
K2025	K2005	0.50	1.50	1.12	2.12	3.81	3.50	0.44	0.88	0.19	1.31	2,400	1/2-13
			1.62	1.25		4.19	3.88	0.50	0.94	0.25	1.44		
K2026	K2006	0.56	1.62	1.19	2.25	4.19	3.75	0.47	0.94	0.22	1.50	3,000	9/16-12
			1.75	1.31		4.56	4.12	0.53	1.00	0.28	1.62		
K2027	K2007	0.62	1.75	1.31	2.56	4.56	4.19	0.56	1.00	0.25	1.59	4,000	5/8-11
			1.88	1.44		4.94	4.56	0.62	1.06	0.31	1.72		
K2028	K2008	0.75	2.00	1.44	2.81	5.06	4.69	0.62	1.12	0.25	1.72	5,000	3/4-10
			2.12	1.56		5.50	5.06	0.69	1.25	0.31	1.91		
K2029	K2009	0.88	2.25	1.56	3.19	5.75	5.31	0.75	1.31	0.31	2.03	7,000	7/8-9
			2.38	1.69		6.19	5.69	0.81	1.44	0.38	2.22		
K2030	K2010	1.00	2.50	1.69	3.56	6.44	5.94	0.88	1.50	0.38	2.22	9,000	1-8
			2.62	1.81		6.88	6.31	0.94	1.62	0.44	2.41		
K2031	K2011	1.12	2.75	1.94	4.06	7.31	6.69	1.00	1.69	0.44	2.59	12,000	1 1/8-7
			2.88	2.06		7.75	7.06	1.06	1.81	0.50	2.78		
K2032	K2012	1.25	3.00	2.12	4.44	8.00	7.31	1.09	1.88	0.50	2.84	15,000	1 1/4-7
			3.12	2.25		8.44	7.69	1.16	2.00	0.56	3.03		
K2034	K2014	1.50	3.50	2.44	5.19	9.22	8.56	1.31	2.12	0.50	3.19	21,000	1 1/2-6
			3.62	2.56		9.72	8.94	1.38	2.25	0.62	3.44		
K2035	K2015	1.75	3.75	2.75	6.00	10.50	9.50	1.50	2.50	0.50	3.88	28,000	1 3/4-5
			3.88	3.00		11.12	10.12	1.62	2.62	0.62	4.12		
K2036	K2016	2.00	4.00	3.06	6.88	11.53	10.56	1.75	2.88	0.62	4.25	38,000	2-4 1/2
			4.12/4.25	3.44		12.22	11.44	1.88	3.00	0.75	4.50		
K2037	K2017	2.50	5.00	3.81	8.50	14.59	13.19	2.19	3.62	0.88	5.50	56,000	2 1/2-4
			5.25	4.19		15.40	14.06	2.31	3.68	1.00	5.75		

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Caution: Rated capacity is for 0° vertical pulls. See Eyebolt Rated Capacity/Guidelines (page 2) for complete lifting information. Reference ASME B18.15 for additional dimensions. Swivel Hoist Rings (page 34) are recommended for angular lifts.

Eyebolts

Shoulder Pattern

Drop Forged Carbon Steel, Self-Colored

ASTM A489

Fully Threaded: UNC-2A

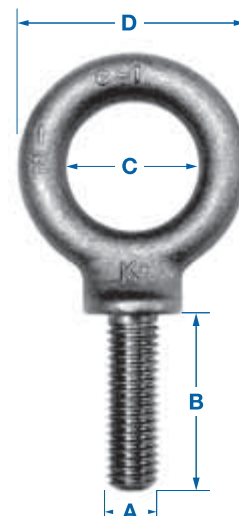
Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing for Eyebolts on page 4)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2021	1/4-20	1	3/4	1 3/16	0.06				
K2022	5/16-18	1 1/8	7/8	1 7/16	0.11				
K2023	3/8-16	1 1/4	1	1 21/32	0.18				
K2023-A	3/8-16	3/4	1	1 21/32	0.17				
K2023-AA	3/8-16	5/8	1	1 21/32	0.15				
K2024	7/16-14	1 3/8	1 3/32	1 27/32	0.23				
K2025	1/2-13	1 1/2	1 3/16	2 1/16	0.35				
K2025-A	1/2-13	1	1 3/16	2 1/16	0.33				
K2026	9/16-12	1 5/8	1 9/32	2 9/32	0.47				
K2027	5/8-11	1 3/4	1 3/8	2 1/2	0.70				
K2027-A	5/8-11	1 1/4	1 3/8	2 1/2	0.65				
K2028	3/4-10	2	1 1/2	2 13/16	1.10				
K2028-A	3/4-10	1 1/2	1 1/2	2 13/16	1.00				
K2028-AA	3/4-10	1 1/4	1 1/2	2 13/16	0.93				
K2029	7/8-9	2 1/4	1 11/16	3 1/4	1.70				
K2030	1-8	2 1/2	1 13/16	3 9/16	2.36				
K2031	1 1/8-7	2 3/4	2	4	3.41				
K2032	1 1/4-7	3	2 3/16	4 7/16	4.68				
K2034	1 1/2-6	3 1/2	2 1/2	5 3/16	7.77				
K2035	1 3/4-5	3 3/4	2 7/8	6 1/16	11.35				
K2036	2-4 1/2	4	3 1/4	6 7/8	16.70				
K2037	2 1/2-4	5	4	8 9/16	29.80				

Pricing available upon request.

For full dimension chart and rated capacities refer to page 3.

Blanks in stock. Inquire for price.

Different material grades and lengths available. Inquire for price & delivery.



Eyebolts

Plain Pattern

Drop Forged Carbon Steel, Self-Colored

ASTM A489

Fully Threaded: UNC-2A

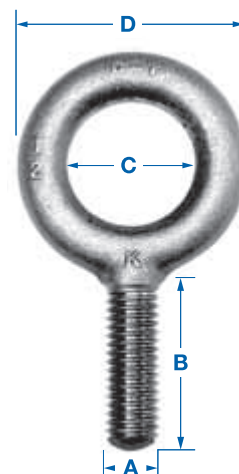
Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing for Eyebolts on page 4)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2001	1/4-20	1	3/4	1 3/16	0.06				
K2002	5/16-18	1 1/8	7/8	1 7/16	0.10				
K2003	3/8-16	1 1/4	1	1 21/32	0.15				
K2004	7/16-14	1 3/8	1 3/32	1 27/32	0.21				
K2005	1/2-13	1 1/2	1 3/16	2 1/16	0.30				
K2006	9/16-12	1 5/8	1 9/32	2 9/32	0.55				
K2007	5/8-11	1 3/4	1 3/8	2 1/2	0.61				
K2008	3/4-10	2	1 1/2	2 13/16	0.98				
K2009	7/8-9	2 1/4	1 11/16	3 1/4	1.53				
K2010	1-8	2 1/2	1 13/16	3 9/16	2.06				
K2011	1 1/8-7	2 3/4	2	4	2.96				
K2012	1 1/4-7	3	2 3/16	4 7/16	4.11				
K2014	1 1/2-6	3 1/2	2 1/2	5 3/16	6.73				
K2015	1 3/4-5	3 3/4	2 7/8	6 1/16	11.00				
K2016	2-4 1/2	4	3 1/4	6 7/8	16.25				
K2017	2 1/2-4	5	4	8 9/16	28.00				

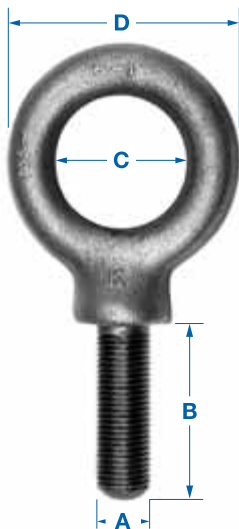
Pricing available upon request.

For full dimension chart and rated capacities refer to page 3.

Blanks in stock. Inquire for price.

Different material grades and lengths available. Inquire for price & delivery.

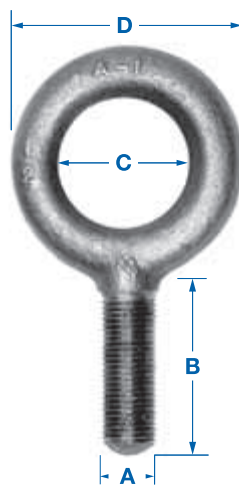




Eyebolts - Fine Thread Shoulder Pattern

Drop Forged Carbon Steel, Self-Colored
ASTM A489
Fully Threaded: UNF-2A

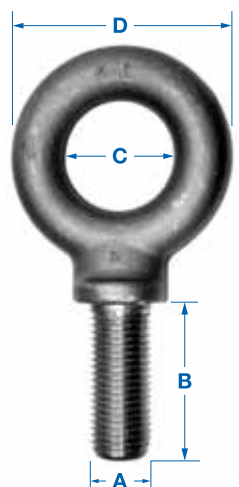
Stock No.	A Shank Dia. & Thread UNF-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Fine Thread Eyebolts) Price Per Piece			
						1-99	100-499	500-999	1000+
K2021-UNF	1/4-28	1	3/4	1 3/16	0.06				
K2022-UNF	5/16-24	1 1/8	7/8	1 7/16	0.11				
K2023-UNF	3/8-24	1 1/4	1	1 21/32	0.18				
K2024-UNF	7/16-20	1 3/8	1 3/32	1 27/32	0.23				
K2025-UNF	1/2-20	1 1/2	1 3/16	2 1/16	0.35				
K2026-UNF	9/16-18	1 5/8	1 9/32	2 9/32	0.47				
K2027-UNF	5/8-18	1 3/4	1 3/8	2 1/2	0.70				
K2028-UNF	3/4-16	2	1 1/2	2 13/16	1.10				
K2029-UNF	7/8-14	2 1/4	1 11/16	3 1/4	1.70				
K2030-UNF	1-12	2 1/2	1 13/16	3 9/16	2.36				
K2030-UNS	1-14	2 1/2	1 13/16	3 9/16	2.36				
K2032-UNF	1 1/4-12	3	2 3/16	4 7/16	4.68				



Eyebolts - Fine Thread Plain Pattern

Drop Forged Carbon Steel, Self-Colored
ASTM A489
Fully Threaded: UNF-2A

Stock No.	A Shank Dia. & Thread UNF-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Fine Thread Eyebolts) Price Per Piece			
						1-99	100-499	500-999	1000+
K2001-UNF	1/4-28	1	3/4	1 3/16	0.06				
K2002-UNF	5/16-24	1 1/8	7/8	1 7/16	0.10				
K2003-UNF	3/8-24	1 1/4	1	1 21/32	0.15				
K2004-UNF	7/16-20	1 3/8	1 3/32	1 27/32	0.21				
K2005-UNF	1/2-20	1 1/2	1 3/16	2 1/16	0.30				
K2007-UNF	5/8-18	1 3/4	1 3/8	2 1/2	0.61				
K2008-UNF	3/4-16	2	1 1/2	2 13/16	0.98				
K2009-UNF	7/8-14	2 1/4	1 11/16	3 1/4	1.53				
K2010-UNS	1-14	2 1/2	1 13/16	3 9/16	2.06				



Eyebolts - 8 & 6 Threads Per Inch Shoulder & Plain Pattern

Drop Forged Carbon Steel, Self-Colored
ASTM A489
Fully Threaded: 8 T.P.I.

Stock No.	A Shank Dia. & Thread Spec T.P.I.	B Shank Length	C Eye I.D.	D Eye O.D.	Rated Capty. Lbs.	Weight Lbs.	Price Each
Shoulder Pattern							
K2031-8 SPEC.	1 1/8-8	2 3/4	2	4	12,000	3.45	
K2032-8 SPEC.	1 1/4-8	3	2 3/16	4 7/16	15,000	4.62	
K2033-6 SPEC.	1 3/8-6	3 1/2	2 1/2	5 3/16	17,900	7.53	
K2033-8 SPEC.	1 3/8-8	3 1/2	2 1/2	5 3/16	17,900	7.24	
K2034-8 SPEC.	1 1/2-8	3 1/2	2 1/2	5 3/16	21,000	7.53	
K2038-8 SPEC.	1 5/8-8	3 3/4	2 7/8	6 1/16	24,300	11.32	
K2035-8 SPEC.	1 3/4-8	3 3/4	2 7/8	6 1/16	28,000	11.95	
K2039-8 SPEC.	1 7/8-8	4	3 1/4	6 7/8	34,500	16.83	
K2036-8 SPEC.	2-8	4	3 1/4	6 7/8	38,000	16.70	
K2037-8 SPEC.	2 1/2-8	5	4	8 9/16	56,000	29.80	
Plain Pattern							
K2015-8 SPEC.	1 3/4-8	3 3/4	2 7/8	6 1/6	28,000	11.00	
K2016-8 SPEC.	2-8	4	3 1/4	6 7/8	38,000	16.25	

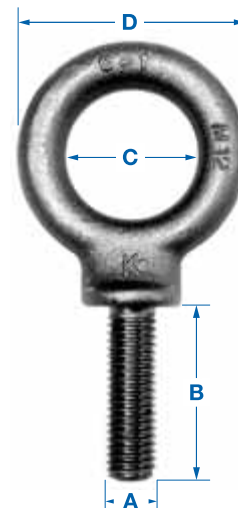
Eyebolts - Metric Shoulder Pattern

Drop Forged Carbon Steel, Self-Colored
Fully Threaded: ISO Coarse Thread-6g

Stock No.	Approx. Equiv. in Inches	A Thread Size	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Rated Capty. in Kgs.	Rated Capty. in Lbs.	(Combination pricing on Metric Eyebolts)			
									Price Per Piece			
									1-99	100-499	500-999	1000+
M6	1/4	M6 x 1.00	25.4	19	30.0	0.06	210	462				
M7	5/16	M7 x 1.00	28.5	22	36.5	0.10	370	814				
M8	3/8	M8 x 1.25	31.7	25	43.0	0.17	500	1,110				
M10	7/16	M10 x 1.50	35.0	27	46.0	0.24	740	1,628				
M12	1/2	M12 x 1.75	38.0	30	54.0	0.36	1,030	2,266				
M14	9/16	M14 x 2.00	41.1	33	58.0	0.48	1,600	3,520				
M16	5/8	M16 x 2.00	44.5	35	65.0	0.69	1,600	3,520				
M18	3/4	M18 x 2.50	51.0	38	71.5	1.10	2,140	4,708				
M20	7/8	M20 x 2.50	57.0	41	81.0	1.51	2,860	6,292				
M22	1	M22 x 2.50	63.5	46	90.4	2.11	2,860	6,292				
M24	1	M24 x 3.00	63.5	46	90.4	2.36	3,850	8,470				
M27	1 1/8	M27 x 3.00	70.0	51	103.0	3.41	5,200	11,440				
M30	1 1/4	M30 x 3.50	76.0	55	112.7	4.68	6,400	14,080				
M36	1 1/2	M36 x 4.00	89.0	63	131.8	7.77	8,970	19,734				
M42	1 5/8	M42 x 4.50	95.0	73	152.4	11.10	11,960	26,312				
M45	1 3/4	M45 x 4.50	95.0	73	152.4	11.35	12,720	27,984				
M48	1 7/8	M48 x 5.00	101.6	82	174.6	15.90	16,400	36,080				
M52	2	M52 x 5.00	101.6	82	174.6	16.70	17,300	38,060				
M64	2 1/2	M64 x 6.00	127.0	102	217.5	29.80	24,458	53,931	Pricing available upon request.			

Longer lengths available M6 through M24. Inquire for price & delivery.

Plain Pattern available. Inquire for price & delivery.



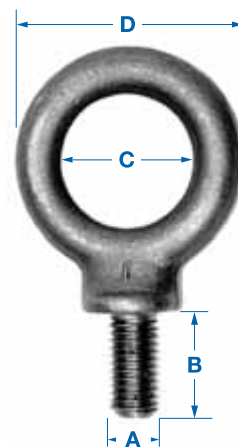
Eyebolts - Metric, Short Shank Shoulder Pattern

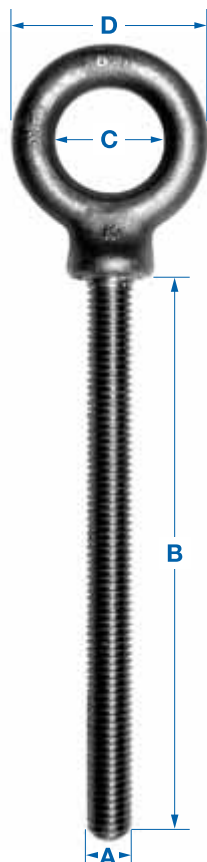
Drop Forged Carbon Steel, Self-Colored
Fully Threaded: ISO Coarse Thread-6g

Stock No.	Approx. Equiv. in Inches	A Thread Size	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Rated Capty. in Kgs.	Rated Capty. in Lbs.	(Combination pricing on Metric Eyebolts)			
									Price Per Piece			
									1-99	100-499	500-999	1000+
M6-A	1/4	M6 x 1.00	12	19	30.0	0.04	210	462				
M7-A	5/16	M7 x 1.00	14	22	36.5	0.08	370	814				
M8-A	3/8	M8 x 1.25	16	25	43.0	0.15	500	1,110				
M10-A	7/16	M10 x 1.50	20	27	46.0	0.22	740	1,628				
M12-A	1/2	M12 x 1.75	24	30	54.0	0.34	1,030	2,266				
M14-A	9/16	M14 x 2.00	28	33	58.0	0.46	1,600	3,520				
M16-A	5/8	M16 x 2.00	32	35	65.0	0.67	1,600	3,520				
M18-A	3/4	M18 x 2.50	36	38	71.5	1.08	2,140	4,708				
M20-A	7/8	M20 x 2.50	40	41	81.0	1.49	2,860	6,292				
M22-A	1	M22 x 2.50	44	46	90.4	2.09	2,860	6,292				
M24-A	1	M24 x 3.00	48	46	90.4	2.34	3,850	8,470				
M27-A	1 1/8	M27 x 3.00	48	51	103.0	2.39	5,200	11,440				
M30-A	1 1/4	M30 x 3.50	60	55	112.7	4.66	6,400	14,080				
M36-A	1 1/2	M36 x 4.00	72	63	131.8	7.75	8,970	19,734				
M42-A	1 5/8	M42 x 4.50	84	73	152.4	11.80	11,960	26,312				
M45-A	1 3/4	M45 x 4.50	84	73	152.4	11.33	12,720	27,984				
M48-A	1 7/8	M48 x 5.00	96	82	174.6	15.88	16,400	36,080				
M52-A	2	M52 x 5.00	96	82	174.6	16.68	17,300	38,060				

Longer lengths available M6 through M24. Inquire for price & delivery.

Plain Pattern available. Inquire for price & delivery.





Eyebolts - Long Shanks Shoulder Pattern

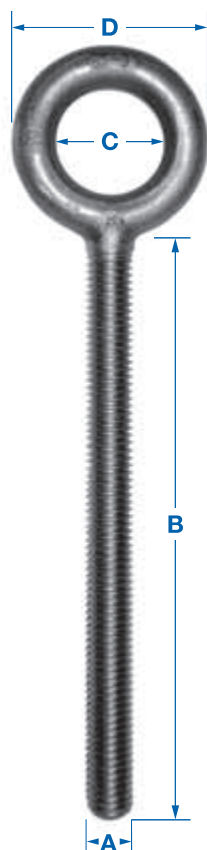
Drop Forged Carbon Steel, Self-Colored

ASTM A489

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Long Shank Eyebolts)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2021-4	1/4-20	4	3/4	1 3/16	0.09				
K2022-4	5/16-18	4	7/8	1 7/16	0.16				
K2023-B	3/8-16	2 1/2	1	1 21/32	0.20				
K2023-4	3/8-16	4	1	1 21/32	0.24				
K2023-6	3/8-16	6	1	1 21/32	0.29				
K2024-6	7/16-14	6	1 3/32	1 27/32	0.39				
K2025-B	1/2-13	2 1/2	1 3/16	2 1/16	0.44				
K2025-4	1/2-13	4	1 3/16	2 1/16	0.50				
K2025-6	1/2-13	6	1 3/16	2 1/16	0.59				
K2027-4	5/8-11	4	1 3/8	2 1/2	0.89				
K2027-6	5/8-11	6	1 3/8	2 1/2	0.99				
K2028-4	3/4-10	4	1 1/2	2 13/16	1.41				
K2028-6	3/4-10	6	1 1/2	2 13/16	1.42				
K2030-6	1-8	6	1 13/16	3 9/16	2.93				

Blanks in stock. Inquire for price.



Eyebolts - Long Shanks Plain Pattern

Drop Forged Carbon Steel, Self-Colored

ASTM A489

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Long Shank Eyebolts)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2003-6	3/8-16	6	1	1 21/32	0.28				
K2005-6	1/2-13	6	1 3/16	2 1/16	0.52				
K2007-6	5/8-11	6	1 3/8	2 1/2	0.90				
K2008-6	3/4-10	6	1 1/2	2 13/16	1.34				
K2009-6	7/8-9	6	1 11/16	3 1/4	1.93				

Blanks in stock. Inquire for price.

Eyebolts - 12" Shanks NON-HEAT TREATED

Shoulder Pattern

Drop Forged Carbon Steel, Self-Colored
Thread Length 8" UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	E Thread Length	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on 12" Shank Eyebolts)			
								Price Per Piece			
K2025-J*	1/2-13	12	1 3/16	2 1/16	8	2,100	0.84	1-99	100-499	500-999	1000+
K2027-J*	5/8-11	12	1 3/8	2 1/2	8	3,200	1.40				
K2028-J*	3/4-10	12	1 1/2	2 13/16	8	4,500	2.04				
K2030-J*	1-8	12	1 13/16	3 9/16	8	9,000	4.25				

*Not heat treated. Heat treated to the ASTM A489 specification at additional cost.

Blanks in stock. Inquire for price.

Eyebolts - 12" Shanks NON-HEAT TREATED

Plain Pattern

Drop Forged Carbon Steel, Self-Colored
Thread Length 8" UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	E Thread Length	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on 12" Shank Eyebolts)			
								Price Per Piece			
K2005-J*	1/2-13	12	1 3/16	2 1/16	8	2,100	0.78	1-99	100-499	500-999	1000+
K2007-J*	5/8-11	12	1 3/8	2 1/2	8	3,200	1.30				
K2008-J*	3/4-10	12	1 1/2	2 13/16	8	4,500	1.92				
K2009-J*	7/8-9	12	1 11/16	3 1/4	8	7,000	2.90				
K2010-J*	1-8	12	1 13/16	3 9/16	8	9,000	4.00				
K2016-J*	2-4 1/2	12	3 1/4	6 7/8	8	35,000	23.37	Inquire for price & delivery.			

*Not heat treated. Heat treated to the ASTM A489 specification at additional cost.

Blanks in stock. Inquire for price.

Eyebolts - 24" Shanks Blank NON-HEAT TREATED

Shoulder Pattern

Drop Forged Carbon Steel, Self-Colored
Modified to specifications at additional cost.

Stock No.	A Shank Dia.	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Price Per Piece			
						1-99	100-499	500-999	1000+
K2025-J24*	1/2	24	1 3/16	2 1/16	1.68				
K2027-J24*	5/8	24	1 3/8	2 1/2	2.80				
K2028-J24*	3/4	24	1 1/2	2 13/16	4.08				
K2030-J24*	1	24	1 13/16	3 9/16	8.50				

*Not heat treated. Heat treated to the ASTM A489 specification at additional cost.

Longer lengths available. Inquire for price & delivery.

Eyebolts - 24" Shanks Blank NON-HEAT TREATED

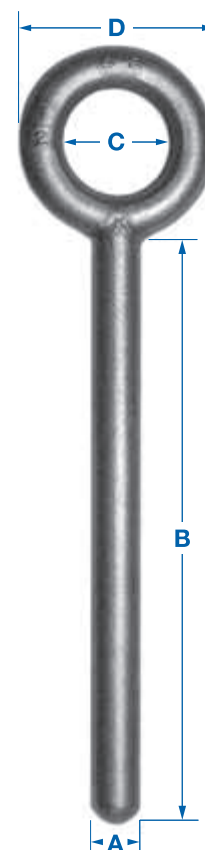
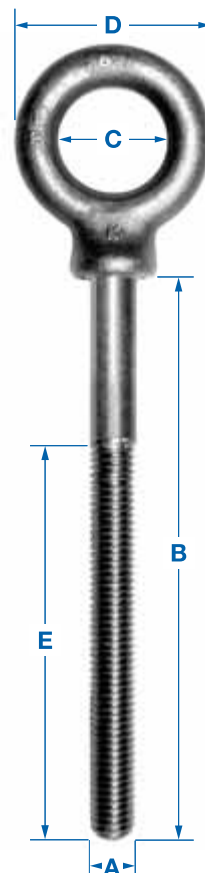
Plain Pattern

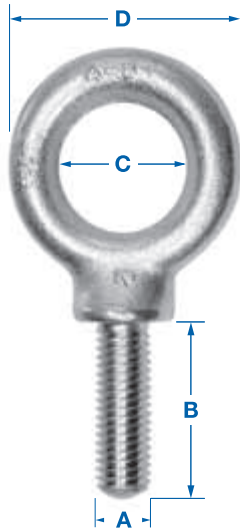
Drop Forged Carbon Steel, Self-Colored
Modified to specifications at additional cost.

Stock No.	A Shank Dia.	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Price Per Piece			
						1-99	100-499	500-999	1000+
K2005-J24*	1/2	24	1 3/16	2 1/16	1.56				
K2007-J24*	5/8	24	1 3/8	2 1/2	2.60				
K2008-J24*	3/4	24	1 1/2	2 13/16	3.84				
K2009-J24*	7/8	24	1 11/16	3 1/4	5.50				
K2010-J24*	1	24	1 13/16	3 9/16	8.00				

*Not heat treated. Heat treated to the ASTM A489 specification at additional cost.

Longer lengths available. Inquire for price & delivery.





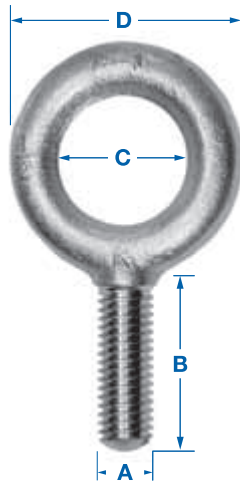
Eyebolts - Zinc Plated Shoulder Pattern

Drop Forged Carbon Steel

ASTM A489

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Zinc Plated Eyebolts)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2021-ZN	1/4-20	1	3/4	1 3/16	0.06				
K2022-ZN	5/16-18	1 1/8	7/8	1 7/16	0.11				
K2023-ZN	3/8-16	1 1/4	1	1 21/32	0.18				
K2025-ZN	1/2-13	1 1/2	1 3/16	2 1/16	0.35				
K2025-A-ZN	1/2-13	1	1 3/16	2 1/16	0.33				
K2027-ZN	5/8-11	1 3/4	1 3/8	2 1/2	0.70				
K2028-ZN	3/4-10	2	1 1/2	2 13/16	1.10				
K2029-ZN	7/8-9	2 1/4	1 11/16	3 1/4	1.70				
K2030-ZN	1-8	2 1/2	1 13/16	3 9/16	2.36				
K2032-ZN	1 1/4-7	3	2 3/16	4 7/16	4.68				



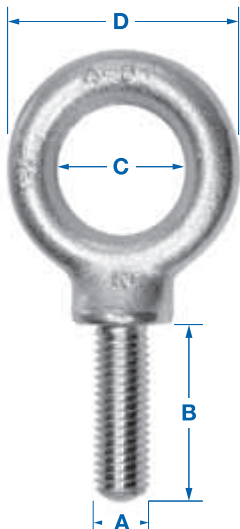
Eyebolts - Zinc Plated Plain Pattern

Drop Forged Carbon Steel

ASTM A489

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Zinc Plated Eyebolts)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2001-ZN	1/4-20	1	3/4	1 3/16	0.06				
K2002-ZN	5/16-18	1 1/8	7/8	1 7/16	0.10				
K2003-ZN	3/8-16	1 1/4	1	1 21/32	0.15				
K2005-ZN	1/2-13	1 1/2	1 3/16	2 1/16	0.30				
K2007-ZN	5/8-11	1 3/4	1 3/8	2 9/32	0.61				
K2008-ZN	3/4-10	2	1 1/2	2 13/16	0.98				
K2009-ZN	7/8-9	2 1/4	1 11/16	3 1/4	1.53				
K2010-ZN	1-8	2 1/2	1 13/16	3 9/16	2.06				



Eyebolts - Galvanized Shoulder Pattern

Drop Forged Carbon Steel

ASTM A489 Fully Threaded: UNC-2A **before galvanizing**

Mating part must be oversized in accordance with ASTM A 563

Stock No.	A Shank Dia. & Thread UNC-2A*	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing on Galvanized Eyebolts)			
						Price Per Piece			
						1-99	100-499	500-999	1000+
K2023-HDG	3/8-16	1 1/4	1	1 21/32	0.18				
K2023-A-HDG	3/8-16	3/4	1	1 21/32	0.17				
K2025-HDG	1/2-13	1 1/2	1 3/16	2 1/16	0.35				
K2025-A-HDG	1/2-13	1	1 3/16	2 1/16	0.33				
K2027-HDG	5/8-11	1 3/4	1 3/8	2 1/2	0.70				
K2027-A-HDG	5/8-11	1 1/4	1 3/8	2 1/2	0.61				
K2028-HDG	3/4-10	2	1 1/2	2 13/16	1.10				
K2028-A-HDG	3/4-10	1 1/2	1 1/2	2 13/16	1.00				
K2029-HDG	7/8-9	2 1/4	1 11/16	3 1/4	1.70				

*Before galvanizing.

Eyebolts - 8620 Alloy Shoulder Pattern

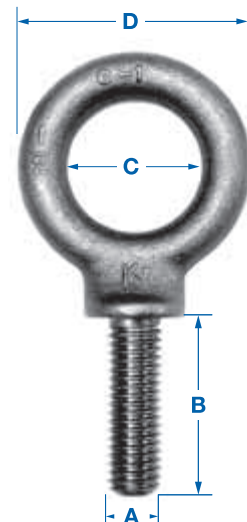
Drop Forged Carbon Steel, Self-Colored

ASTM F 541

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Rated Capty. Lbs.	(Combination pricing on 8620 Alloy Eyebolts)				
							Price Per Piece				
							1-10	11-99	100-499	500-999	1000+
K2023-LT	3/8-16	1 1/4	1	1 21/32	0.18	1,480					
K2025-LT	1/2-13	1 1/2	1 3/16	2 1/16	0.35	2,700					
K2027-LT	5/8-11	1 3/4	1 3/8	2 1/2	0.70	4,300					
K2028-LT	3/4-10	2	1 1/2	2 13/16	1.10	6,400					
K2029-LT	7/8-9	2 1/4	1 11/16	3 1/4	1.70	8,800					
K2030-LT	1-8	2 1/2	1 13/16	3 9/16	2.36	11,600					
K2032-LT	1 1/4-7	3	2 3/16	4 7/16	4.68	18,400					
K2034-LT	1 1/2-6	3 1/2	2 1/2	5 3/16	7.77	26,600					
K2036-LT	2-4 1/2	4	3 1/4	6 7/8	16.70	47,600					

Blanks in stock. Inquire for price.



8620 Alloy Eyebolts

Eyebolts - 8620 Alloy Plain Pattern

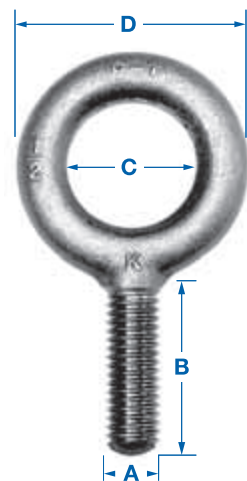
Drop Forged Carbon Steel, Self-Colored

ASTM F 541

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	Rated Capty. Lbs.	(Combination pricing on 8620 Alloy Eyebolts)				
							Price Per Piece				
							1-10	11-99	100-499	500-999	1000+
K2003-LT	3/8-16	1 1/4	1	1 21/32	0.15	1,480					
K2005-LT	1/2-13	1 1/2	1 3/16	2 1/16	0.30	2,700					
K2007-LT	5/8-11	1 3/4	1 3/8	2 1/2	0.61	4,300					
K2008-LT	3/4-10	2	1 1/2	2 13/16	0.98	6,400					
K2009-LT	7/8-9	2 1/4	1 11/16	3 1/4	1.53	8,800					
K2010-LT	1-8	2 1/2	1 13/16	3 9/16	2.06	11,600					

Blanks in stock. Inquire for price.



Pad Eyes

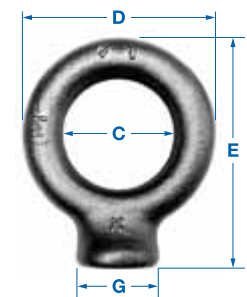
Drop Forged Carbon Steel, Self-Colored

ASTM A521, Class CA

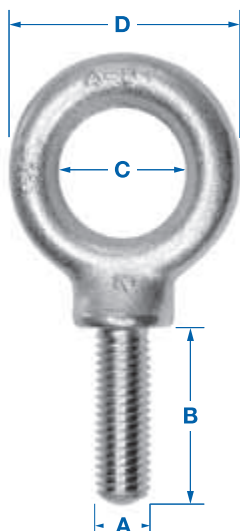
Available in
304 & 316 Stainless
Inquire for price & delivery

Stock No.	C Eye I.D.	D Eye O.D.	G Shldr. Dia.	E Overall Length	Weight Lbs.	Price Each
PADK19	1/2	15/16	1/2	1 5/32	0.04	
PADK21	3/4	1 3/16	17/32	1 13/32	0.05	
PADK22	7/8	1 7/16	19/32	1 11/16	0.09	
PADK23	1	1 21/32	11/16	1 63/64	0.13	
PADK25	1 3/16	2 1/16	7/8	2 15/32	0.29	
PADK27	1 3/8	2 1/2	1 1/16	2 31/32	0.56	
PADK28	1 1/2	2 13/16	1 1/4	3 5/16	0.86	

Available in 304 & 316 Stainless. Inquire for price & delivery.

Suitable for welding **NOT RECOMMENDED FOR LIFTING.**


Pad Eyes



Eyebolts - 304 Stainless Shoulder Pattern

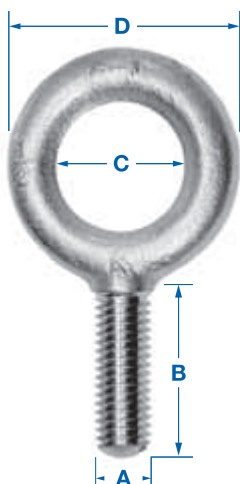
Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A193-B8

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing for Eyebolts on pg. 11)				
						Price Per Piece				
						1-10	11-99	100-499	500-999	1000+
K2021-SS	1/4-20	1	3/4	1 3/16	0.06					
K2022-SS	5/16-18	1 1/8	7/8	1 7/16	0.11					
K2023-SS	3/8-16	1 1/4	1	1 21/32	0.20					
K2025-SS	1/2-13	1 1/2	1 3/16	2 1/16	0.42					
K2027-SS	5/8-11	1 3/4	1 3/8	2 1/2	0.70					
K2028-SS	3/4-10	2	1 1/2	2 13/16	1.08					
K2030-SS	1-8	2 1/2	1 13/16	3 9/16	2.46					
K2032-SS	1 1/4-7	3	2 3/16	4 7/16	4.87					

Blanks in stock (Not passivated or electropolished). Inquire for price.



Eyebolts - 304 Stainless Plain Pattern

Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A193-B8

Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination pricing for Eyebolts on pg. 11)				
						Price Per Piece				
						1-10	11-99	100-499	500-999	1000+
K2001-SS	1/4-20	1	3/4	1 3/16	0.06					
K2002-SS	5/16-18	1 1/8	7/8	1 7/16	0.10					
K2003-SS	3/8-16	1 1/4	1	1 21/32	0.15					
K2005-SS	1/2-13	1 1/2	1 3/16	2 1/16	0.30					
K2007-SS	5/8-11	1 3/4	1 3/8	2 1/2	0.61					
K2008-SS	3/4-10	2	1 1/2	2 13/16	0.98					
K2010-SS	1-8	2 1/2	1 13/16	3 9/16	2.06					

Blanks in stock (Not passivated or electropolished). Inquire for price.

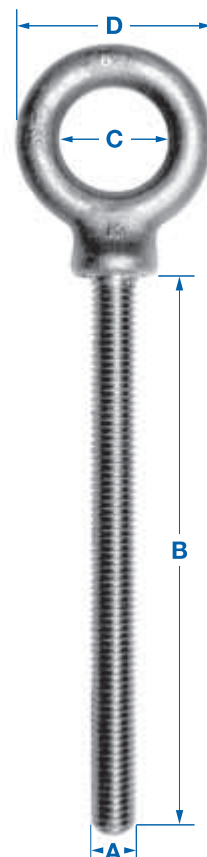
Eyebolts - 304 Stainless - Long Shank

Shoulder Pattern

Drop Forged Stainless Steel, Passivated & Electropolished
ASTM A193-B8
Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination Pricing on 304 Stainless - Long Shank Eyebolts)				
						Price Per Piece				
						1-10	11-99	100-499	500-999	1000+
K2021-1 1/2-SS	1/4-20	1 1/2	3/4	1 3/16	0.07					
K2021-2-SS	1/4-20	2	3/4	1 3/16	0.07					
K2021-3-SS	1/4-20	3	3/4	1 3/16	0.08					
K2021-4-SS	1/4-20	4	3/4	1 3/16	0.09					
K2022-1 1/2-SS	5/16-18	1 1/2	7/8	1 7/16	0.12					
K2022-2-SS	5/16-18	2	7/8	1 7/16	0.13					
K2022-3-SS	5/16-18	3	7/8	1 7/16	0.14					
K2022-4-SS	5/16-18	4	7/8	1 7/16	0.16					
K2023-2 1/2-SS	3/8-16	2 1/2	1	1 21/32	0.22					
K2023-3-SS	3/8-16	3	1	1 21/32	0.23					
K2023-4-SS	3/8-16	4	1	1 21/32	0.25					
K2025-2 1/2-SS	1/2-13	2 1/2	1 3/16	2 1/16	0.45					
K2025-3-SS	1/2-13	3	1 3/16	2 1/16	0.47					
K2025-4-SS	1/2-13	4	1 3/16	2 1/16	0.50					
K2027-2 1/2-SS	5/8-11	2 1/2	1 3/8	2 1/2	0.77					
K2027-3-SS	5/8-11	3	1 3/8	2 1/2	0.80					
K2027-4-SS	5/8-11	4	1 3/8	2 1/2	0.86					
K2028-2 1/2-SS	3/4-10	2 1/2	1 1/2	2 13/16	1.08					
K2028-3-SS	3/4-10	3	1 1/2	2 13/16	1.12					
K2028-4-SS	3/4-10	4	1 1/2	2 13/16	1.23					

Blanks in stock (Not passivated or electropolished). Inquire for price.



304 Stainless Long Shank Eyebolts

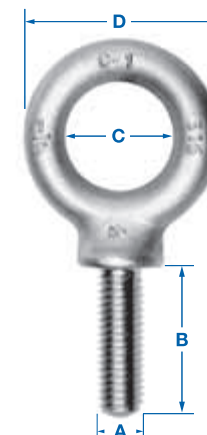
Eyebolts - 316 Stainless

Shoulder Pattern

Drop Forged Stainless Steel, Passivated & Electropolished
ASTM A193-B8M
Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination Pricing on 316 Stainless Eyebolts)				
						Price Per Piece				
						1-10	11-99	100-499	500-999	1000+
K2021-316SS	1/4-20	1	3/4	1 3/16	0.06					
K2023-316SS	3/8-16	1 1/4	1	1 21/32	0.20					
K2025-316SS	1/2-13	1 1/2	1 3/16	2 1/16	0.42					
K2027-316SS	5/8-11	1 3/4	1 3/8	2 1/2	0.70					
K2028-316SS	3/4-10	2	1 1/2	2 13/16	1.08					

Blanks in stock (Not passivated or electropolished). Inquire for price.



316 Stainless Eyebolts

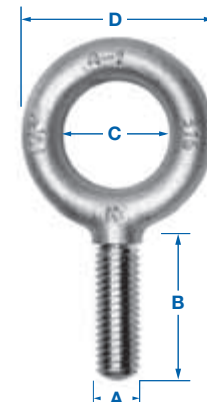
Eyebolts - 316 Stainless

Plain Pattern

Drop Forged Stainless Steel, Passivated & Electropolished
ASTM A193-B8M
Fully Threaded: UNC-2A

Stock No.	A Shank Dia. & Thread UNC-2A	B Shank Length	C Eye I.D.	D Eye O.D.	Weight Lbs.	(Combination Pricing on 316 Stainless Eyebolts)				
						Price Per Piece				
						1-10	11-99	100-499	500-999	1000+
K2005-316SS	1/2-13	1 1/2	1 3/16	2 1/16	0.42					

Blanks in stock (Not passivated or electropolished). Inquire for price.



Nut Eyebolts

Plain Pattern

Drop Forged Carbon Steel

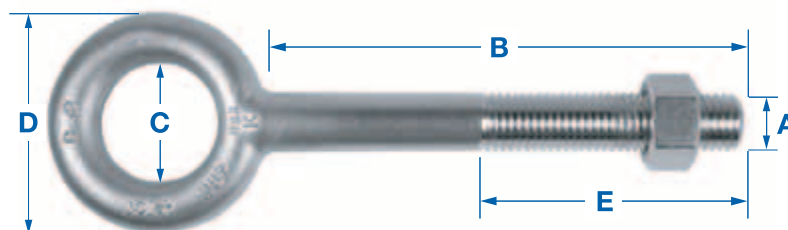
Hot Dip Galvanized to ASTM A 153: UNC-2A **Before Galvanizing**

Each Threaded Eyebolt Includes One Galvanized Hex Nut Assembled

Stock No.	A Shank Dia. & Thread UNC-2A +.090/- .030	B Shank Length +.060/-0	C Eye I.D. +.090/- .030	D Eye O.D. +.090/- .030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Carbon Nut Eyebolts)			
								Price Per Piece			
								1-99	100-499	500-999	1000+
N2001-2*	1/4-20	2	1/2	1	1 1/2	500	0.07				
N2001-3*	1/4-20	3	1/2	1	1 1/2	500	0.09				
N2001-4*	1/4-20	4	1/2	1	2	500	0.10				
N2001-5*	1/4-20	5	1/2	1	2 1/2	500	0.12				
N2001-6*	1/4-20	6	1/2	1	3	500	0.13				
N2002-2-1/4	5/16-18	2 1/4	5/8	1 1/4	1 1/2	800	0.13				
N2002-3-1/4	5/16-18	3 1/4	5/8	1 1/4	1 1/2	800	0.16				
N2002-4-1/4	5/16-18	4 1/4	5/8	1 1/4	2 1/2	800	0.18				
N2002-5	5/16-18	5	5/8	1 1/4	2 1/2	800	0.20				
N2002-6	5/16-18	6	5/8	1 1/4	3	800	0.22				
N2003-2-1/2	3/8-16	2 1/2	3/4	1 1/2	1 1/2	1,200	0.20				
N2003-3	3/8-16	3	3/4	1 1/2	1 1/2	1,200	0.21				
N2003-4	3/8-16	4	3/4	1 1/2	2	1,200	0.25				
N2003-4-1/2	3/8-16	4 1/2	3/4	1 1/2	3	1,200	0.26				
N2003-5	3/8-16	5	3/4	1 1/2	3	1,200	0.27				
N2003-6	3/8-16	6	3/4	1 1/2	3	1,200	0.30				
N2003-8	3/8-16	8	3/4	1 1/2	4	1,200	0.36				
N2003-10	3/8-16	10	3/4	1 1/2	4	1,200	0.42				
N2003-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	0.50				
N2003-24-BLANK	3/8	24	3/4	1 1/2	Blank	N/A	0.89				
N2005-2	1/2-13	2	1	2	1 5/8	2,200	0.39				
N2005-3-1/4	1/2-13	3 1/4	1	2	2	2,200	0.46				
N2005-4	1/2-13	4	1	2	3	2,200	0.49				
N2005-4-1/2	1/2-13	4 1/2	1	2	3	2,200	0.52				
N2005-6	1/2-13	6	1	2	3	2,200	0.60				
N2005-8	1/2-13	8	1	2	4	2,200	0.71				
N2005-10	1/2-13	10	1	2	4	2,200	0.82				
N2005-12	1/2-13	12	1	2	4	2,200	0.93				
N2005-18-BLANK	1/2	18	1	2	Blank	N/A	1.28				
N2005-24-BLANK	1/2	24	1	2	Blank	N/A	1.61				
N2007-4	5/8-11	4	1 3/8	2 1/2	3	3,500	0.82				
N2007-4-1/2	5/8-11	4 1/2	1 3/8	2 1/2	3	3,500	0.86				
N2007-6	5/8-11	6	1 3/8	2 1/2	3	3,500	0.99				
N2007-8	5/8-11	8	1 3/8	2 1/2	4	3,500	1.14				
N2007-10	5/8-11	10	1 3/8	2 1/2	4	3,500	1.34				
N2007-12	5/8-11	12	1 3/8	2 1/2	4	3,500	1.51				
N2007-15	5/8-11	15	1 3/8	2 1/2	6	3,500	1.73				
N2007-18	5/8-11	18	1 3/8	2 1/2	6	3,500	2.00				
N2007-24	5/8-11	24	1 3/8	2 1/2	6	3,500	2.55				

*Electro-galvanized

Blanks in stock (Hex Nuts not included). Inquire for price.

Nut Eyebolts, Plain Pattern Carbon Continued on Next Page


Nut Eyebolts (Cont.) Plain Pattern

Drop Forged Carbon Steel

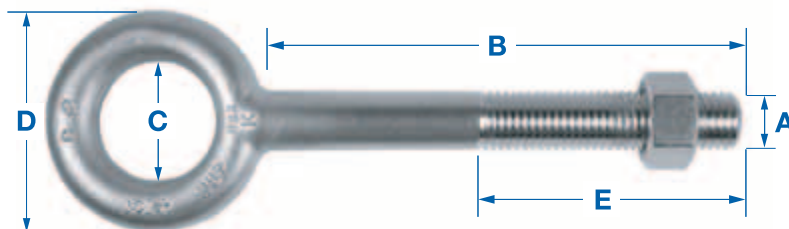
Hot Dip Galvanized to ASTM A 153: UNC-2A **Before Galvanizing**

Each Threaded Eyebolt Includes One Galvanized Hex Nut Assembled

Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Carbon Nut Eyebolts)			
								Price Per Piece			
								1-99	100-499	500-999	1000+
N2008-4	3/4-10	4	1 1/2	2 13/16	3	5,200	1.27				
N2008-4-1/2	3/4-10	4 1/2	1 1/2	2 13/16	3	5,200	1.34				
N2008-6	3/4-10	6	1 1/2	2 13/16	3	5,200	1.53				
N2008-8	3/4-10	8	1 1/2	2 13/16	4	5,200	1.77				
N2008-10	3/4-10	10	1 1/2	2 13/16	4	5,200	2.03				
N2008-12	3/4-10	12	1 1/2	2 13/16	4	5,200	2.28				
N2008-15	3/4-10	15	1 1/2	2 13/16	6	5,200	2.61				
N2008-18	3/4-10	18	1 1/2	2 13/16	6	5,200	2.98				
N2008-24	3/4-10	24	1 1/2	2 13/16	6	5,200	3.75				
N2009-5	7/8-9	5	1 3/4	3 1/2	3	7,200	2.46				
N2009-6	7/8-9	6	1 3/4	3 1/2	3	7,200	2.65				
N2009-8	7/8-9	8	1 3/4	3 1/2	4	7,200	2.92				
N2009-10	7/8-9	10	1 3/4	3 1/2	4	7,200	3.29				
N2009-12	7/8-9	12	1 3/4	3 1/2	4	7,200	3.65				
N2009-18	7/8-9	18	1 3/4	3 1/2	6	7,200	4.62				
N2009-24	7/8-9	24	1 3/4	3 1/2	6	7,200	5.67				
N2010-6	1-8	6	2	4	3	10,000	3.77				
N2010-8	1-8	8	2	4	4	10,000	4.17				
N2010-10	1-8	10	2	4	4	10,000	4.63				
N2010-12	1-8	12	2	4	4	10,000	5.07				
N2010-15	1-8	15	2	4	6	10,000	5.66				
N2010-18	1-8	18	2	4	6	10,000	6.33				
N2010-24	1-8	24	2	4	6	10,000	7.70				
N2012-6	1 1/4-7	6	2 3/16	4 7/16	3	13,500	5.65				
N2012-8	1 1/4-7	8	2 3/16	4 7/16	4	13,500	6.25				
N2012-12	1 1/4-7	12	2 3/16	4 7/16	4	13,500	7.72				
N2012-18	1 1/4-7	18	2 3/16	4 7/16	6	13,500	9.72				
N2012-24	1 1/4-7	24	2 3/16	4 7/16	6	13,500	11.88				
N2014-6	1 1/2-6	6	2 1/2	5 3/16	3	20,000	8.92				
N2014-12	1 1/2-6	12	2 1/2	5 3/16	4	20,000	12.10				
N2014-18	1 1/2-6	18	2 1/2	5 3/16	6	20,000	15.22				
N2014-24	1 1/2-6	24	2 1/2	5 3/16	6	20,000	17.80				
N2016-12	2 4-1/2	12	3 1/4	6 7/8	4	35,000	25.80				

*Electro-galvanized

Blanks in stock (Hex Nuts not included). Inquire for price.



Nut Eyebolts Shoulder Pattern

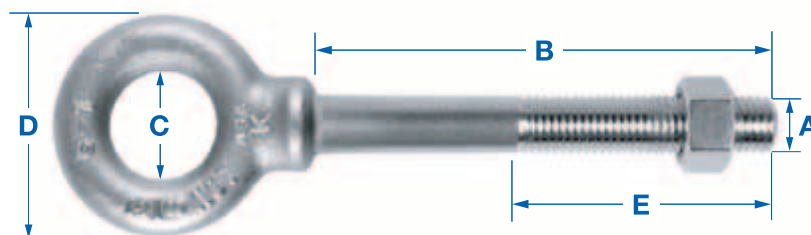
Drop Forged Carbon Steel

Hot Dip Galvanized to ASTM A 153: UNC-2A **Before Galvanizing**

Each Threaded Eyebolt Includes One Galvanized Hex Nut Assembled

Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Carbon Nut Eyebolts)			
								Price Per Piece			
								1-99	100-499	500-999	1000+
N2021-2*	1/4-20	2	1/2	1	1 1/2	500	0.08				
N2021-4*	1/4-20	4	1/2	1	2	500	0.11				
N2022-2-1/4	5/16-18	2 1/4	5/8	1 1/4	1 1/2	800	0.15				
N2022-4-1/4	5/16-18	4 1/4	5/8	1 1/4	2 1/2	800	0.19				
N2022-6	5/16-18	6	5/8	1 1/4	3	800	0.24				
N2023-2-1/2	3/8-16	2 1/2	3/4	1 1/2	1 1/2	1,200	0.24				
N2023-4-1/2	3/8-16	4 1/2	3/4	1 1/2	2	1,200	0.30				
N2023-6	3/8-16	6	3/4	1 1/2	3	1,200	0.35				
N2023-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	0.53				
N2023-24-BLANK	3/8	24	3/4	1 1/2	Blank	N/A	0.91				
N2025-2	1/2-13	2	1	2	1 5/8	2,200	0.44				
N2025-3-1/4	1/2-13	3 1/4	1	2	2	2,200	0.52				
N2025-4	1/2-13	4	1	2	3	2,200	0.54				
N2025-6	1/2-13	6	1	2	3	2,200	0.66				
N2025-12	1/2-13	12	1	2	4	2,200	1.00				
N2025-18-BLANK	1/2	18	1	2	Blank	N/A	1.30				
N2025-24-BLANK	1/2	24	1	2	Blank	N/A	1.66				
N2027-4	5/8-11	4	1 3/8	2 1/2	3	3,500	0.94				
N2027-4-1/2	5/8-11	4 1/2	1 3/8	2 1/2	3	3,500	0.98				
N2027-6	5/8-11	6	1 3/8	2 1/2	3	3,500	1.10				
N2027-8	5/8-11	8	1 3/8	2 1/2	4	3,500	1.28				
N2027-10	5/8-11	10	1 3/8	2 1/2	4	3,500	1.46				
N2027-12	5/8-11	12	1 3/8	2 1/2	4	3,500	1.63				
N2027-15	5/8-11	15	1 3/8	2 1/2	6	3,500	1.88				
N2027-18	5/8-11	18	1 3/8	2 1/2	6	3,500	2.14				
N2027-24	5/8-11	24	1 3/8	2 1/2	6	3,500	2.68				
N2028-4	3/4-10	4	1 1/2	2 13/16	3	5,200	1.45				
N2028-4-1/2	3/4-10	4 1/2	1 1/2	2 13/16	3	5,200	1.52				
N2028-6	3/4-10	6	1 1/2	2 13/16	3	5,200	1.71				
N2028-8	3/4-10	8	1 1/2	2 13/16	4	5,200	1.95				
N2028-10	3/4-10	10	1 1/2	2 13/16	4	5,200	2.20				
N2028-12	3/4-10	12	1 1/2	2 13/16	4	5,200	2.45				
N2028-15	3/4-10	15	1 1/2	2 13/16	6	5,200	2.80				
N2028-18	3/4-10	18	1 1/2	2 13/16	6	5,200	3.17				
N2028-24	3/4-10	24	1 1/2	2 13/16	6	5,200	3.93				
N2029-5	7/8-9	5	1 3/4	3 1/2	3	7,200	2.65				
N2029-6	7/8-9	6	1 3/4	3 1/2	3	7,200	2.82				
N2029-8	7/8-9	8	1 3/4	3 1/2	4	7,200	3.15				
N2029-12	7/8-9	12	1 3/4	3 1/2	4	7,200	3.85				
N2029-24	7/8-9	24	1 3/4	3 1/2	6	7,200	5.80				
N2030-6	1-8	6	2	4	3	10,000	4.06				
N2030-9	1-8	9	2	4	4	10,000	4.70				
N2030-12	1-8	12	2	4	4	10,000	5.38				
N2030-24	1-8	24	2	4	6	10,000	7.99				
N2034-6	1 1/2-6	6	2 1/2	5 3/16	3	20,000	9.84				
N2034-12	1 1/2-6	12	2 1/2	5 3/16	4	20,000	12.67				
N2034-24	1 1/2-6	24	2 1/2	5 3/16	6	20,000	18.65				

*Electro-galvanized
Blanks in stock
(Hex Nuts not included).
Inquire for price.



Nut Eyebolts

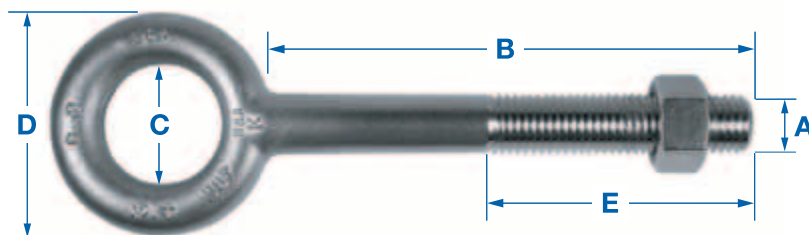
Plain Pattern

Drop Forged 304 Stainless Steel, Passivated & Electropolished

Each Threaded Eyebolt Includes One Stainless Steel Hex Nut Assembled

Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	Price Each
N2001-SS-4	1/4-20	4	1/2	1	2	500	0.10	
N2001-SS-6	1/4-20	6	1/2	1	3	500	0.13	
N2002-SS-2-1/4	5/16-18	2 1/4	5/8	1 1/4	1 1/2	800	0.13	
N2002-SS-3-1/4	5/16-18	3 1/4	5/8	1 1/4	1 1/2	800	0.16	
N2002-SS-4-1/4	5/16-18	4 1/4	5/8	1 1/4	2 1/2	800	0.18	
N2002-SS-6	5/16-18	6	5/8	1 1/4	3	800	0.22	
N2003-SS-2-1/2	3/8-16	2 1/2	3/4	1 1/2	1 1/2	1,200	0.20	
N2003-SS-4-1/4	3/8-16	4 1/4	3/4	1 1/2	2	1,200	0.25	
N2003-SS-6	3/8-16	6	3/4	1 1/2	3	1,200	0.30	
N2003-SS-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	0.50	
N2003-SS-24-BLANK	3/8	24	3/4	1 1/2	Blank	N/A	0.89	
N2005-SS-4-1/2	1/2-13	4 1/2	1	2	3	2,200	0.52	
N2005-SS-6	1/2-13	6	1	2	3	2,200	0.60	
N2005-SS-12	1/2-13	12	1	2	4	2,200	0.93	
N2005-SS-24-BLANK	1/2	24	1	2	Blank	N/A	1.61	
N2007-SS-6	5/8-11	6	1 3/8	2 1/2	3	3,500	0.99	
N2007-SS-12	5/8-11	12	1 3/8	2 1/2	4	3,500	1.51	
N2007-SS-24-BLANK	5/8	24	1 3/8	2 1/2	Blank	N/A	2.54	
N2008-SS-6	3/4-10	6	1 1/2	2 13/16	3	5,200	1.53	
N2008-SS-12	3/4-10	12	1 1/2	2 13/16	4	5,200	2.28	
N2008-SS-24-BLANK	3/4	24	1 1/2	2 13/16	Blank	N/A	3.74	
N2009-SS-6	7/8-9	6	1 3/4	3 1/2	3	7,200	2.65	
N2009-SS-12	7/8-9	12	1 3/4	3 1/2	4	7,200	3.65	
N2009-SS-24-BLANK	7/8	24	1 3/4	3 1/2	Blank	N/A	5.61	
N2010-SS-6	1-8	6	2	4	3	10,000	3.77	
N2010-SS-12	1-8	12	2	4	4	10,000	5.07	
N2010-SS-24-BLANK	1	24	2	4	Blank	N/A	7.63	
N2012-SS-6	1 1/4-7	6	2 3/16	4 7/16	3	13,500	5.65	
N2012-SS-12	1 1/4-7	12	2 3/16	4 7/16	4	13,500	7.72	
N2012-SS-24-BLANK	1 1/4	24	2 3/16	4 7/16	Blank	N/A	11.58	
N2014-SS-6	1 1/2-6	6	2 1/2	5 3/16	3	20,000	8.92	
N2014-SS-12	1 1/2-6	12	2 1/2	5 3/16	4	20,000	12.10	
N2014-SS-24-BLANK	1 1/2	24	2 1/2	5 3/16	Blank	N/A	17.27	

Blanks in stock (Not passivated or electropolished). Hex Nuts not included. Inquire for price.



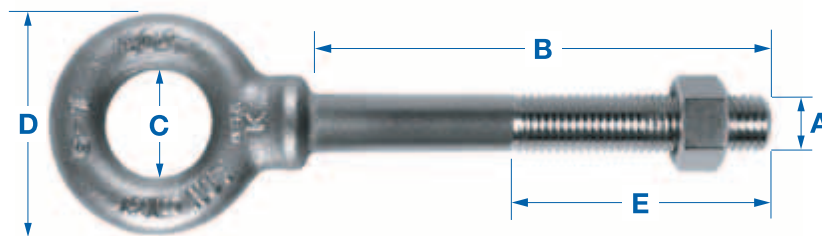
Nut Eyebolts Shoulder Pattern

Drop Forged 304 Stainless Steel, Passivated & Electropolished

Each Threaded Eyebolt Includes One Stainless Steel Hex Nut Assembled

Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	Price Each
N2021-SS-2	1/4-20	2	1/2	1	1 1/2	500	0.08	
N2021-SS-4	1/4-20	4	1/2	1	2	500	0.11	
N2022-SS-2-1/4	5/16-18	2 1/4	5/8	1 1/4	1 1/2	800	0.15	
N2022-SS-4-1/4	5/16-18	4 1/4	5/8	1 1/4	2 1/2	800	0.19	
N2022-SS-6	5/16-18	6	5/8	1 1/4	3	800	0.24	
N2023-SS-2-1/2	3/8-16	2 1/2	3/4	1 1/2	1 1/2	1,200	0.24	
N2023-SS-4-1/2	3/8-16	4 1/2	3/4	1 1/2	2	1,200	0.30	
N2023-SS-6	3/8-16	6	3/4	1 1/2	3	1,200	0.35	
N2023-SS-10	3/8-16	10	3/4	1 1/2	4	1,200	0.46	
N2023-SS-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	0.53	
N2023-SS-24-BLANK	3/8	24	3/4	1 1/2	Blank	N/A	0.91	
N2025-SS-3-1/4	1/2-13	3 1/4	1	2	2	2,200	0.52	
N2025-SS-6	1/2-13	6	1	2	3	2,200	0.66	
N2025-SS-12	1/2-13	12	1	2	4	2,200	1.00	
N2025-SS-24-BLANK	1/2	24	1	2	Blank	N/A	1.66	
N2027-SS-6	5/8-11	6	1 3/8	2 1/2	3	3,500	1.10	
N2027-SS-12	5/8-11	12	1 3/8	2 1/2	4	3,500	1.63	
N2027-SS-24-BLANK	5/8	24	1 3/8	2 1/2	Blank	N/A	2.67	
N2028-SS-6	3/4-10	6	1 1/2	2 13/16	3	5,200	1.71	
N2028-SS-12	3/4-10	12	1 1/2	2 13/16	4	5,200	2.45	
N2028-SS-24-BLANK	3/4	24	1 1/2	2 13/16	Blank	N/A	3.92	
N2029-SS-6	7/8-9	6	1 3/4	3 1/2	3	7,200	2.82	
N2029-SS-12	7/8-9	12	1 3/4	3 1/2	4	7,200	3.85	
N2029-SS-24-BLANK	7/8	24	1 3/4	3 1/2	Blank	N/A	5.80	
N2030-SS-6	1-8	6	2	4	3	10,000	4.06	
N2030-SS-12	1-8	12	2	4	4	10,000	5.38	
N2030-SS-24-BLANK	1	24	2	4	Blank	N/A	8.16	
N2034-SS-6	1 1/2-6	6	2 1/2	5 3/16	3	20,000	9.84	
N2034-SS-12	1 1/2-6	12	2 1/2	5 3/16	4	20,000	12.67	
N2034-SS-24-BLANK	1 1/2	24	2 1/2	5 3/16	Blank	N/A	18.65	

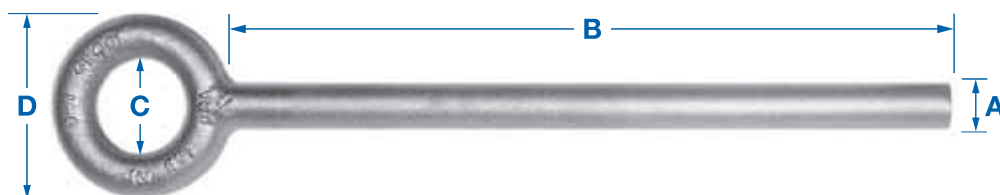
Blanks in stock (Not passivated or electropolished). Hex Nuts not included. Inquire for price.



Nut Eyebolts - Blank Plain Pattern

Drop Forged 4140 Alloy Steel, Self-Colored
Modified to Specifications at Additional Cost.

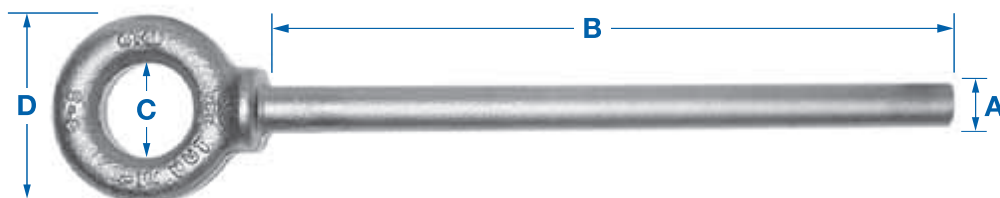
Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	Price Each
N2003-4140-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	.50	
N2005-4140-12-BLANK	1/2	12	1	2	Blank	N/A	.90	
N2007-4140-12-BLANK	5/8	12	1 3/8	2 1/2	Blank	N/A	1.45	
N2008-4140-12-BLANK	3/4	12	1 1/2	2 13/16	Blank	N/A	2.24	
N2009-4140-12-BLANK	7/8	12	1 3/4	3 1/2	Blank	N/A	3.49	
N2010-4140-12-BLANK	1	12	2	4	Blank	N/A	4.90	



Nut Eyebolts - Blank Shoulder Pattern

Drop Forged 4140 Alloy Steel, Self-Colored
Modified to Specifications at Additional Cost.

Stock No.	A Shank Dia. & Thread UNC-2A +.090/-0.030	B Shank Length +.060/-0	C Eye I.D. +.090/-0.030	D Eye O.D. +.090/-0.030	E Thread Length +.060/-0	Rated Capty. Lbs.	Weight Lbs.	Price Each
N2023-4140-12-BLANK	3/8	12	3/4	1 1/2	Blank	N/A	.53	
N2025-4140-12-BLANK	1/2	12	1	2	Blank	N/A	.96	
N2027-4140-12-BLANK	5/8	12	1 3/8	2 1/2	Blank	N/A	1.57	
N2028-4140-12-BLANK	3/4	12	1 1/2	2 13/16	Blank	N/A	2.39	
N2029-4140-12-BLANK	7/8	12	1 3/4	3 1/2	Blank	N/A	3.68	
N2030-4140-12-BLANK	1	12	2	4	Blank	N/A	5.28	



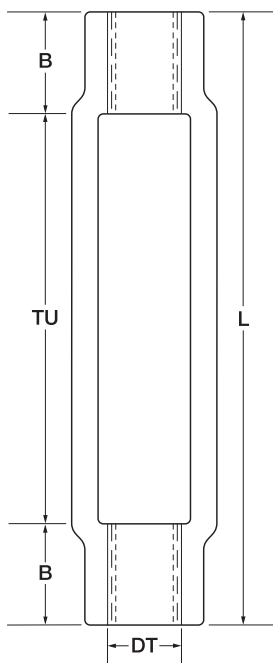


Turnbuckle Bodies

Drop Forged Carbon Steel, Self-Colored
ASTM F1145, Type 1, Grade 1, Class B
Tapped: UNC-2B

Stock No.	DT Dia. & Thread UNC-2B	TU Take- Up	B Nut End	L Body Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB101	1/4-20	4 1/2	7/16	5 1/2	0.24	500	
TB102	5/16-18	4 1/2	7/16	5 1/2	0.24	800	
TB103	3/8-16	6	5/8	7 3/8	0.46	1,200	
TB105-3	1/2-13	3	1	5 3/16	0.69	2,200	
TB105-4	1/2-13	4	1	6 3/16	0.79	2,200	
TB105	1/2-13	6	11/16	7 7/16	0.61	2,200	
TB105-9	1/2-13	9	1 5/32	11 7/16	2.02	2,200	
TB105-J	1/2-13	12	11/16	13 7/16	1.08	2,200	
TB107-3	5/8-11	3	1	5 3/16	0.66	3,500	
TB107-4	5/8-11	4	1	6 3/16	0.75	3,500	
TB107	5/8-11	6	1	8 3/16	0.96	3,500	
TB107-9	5/8-11	9	1 5/32	11 7/16	1.93	3,500	
TB107-J	5/8-11	12	1 5/32	14 7/16	2.65	3,500	
TB108	3/4-10	6	1 5/32	8 7/16	1.62	5,200	
TB108-9	3/4-10	9	1 5/32	11 7/16	1.84	5,200	
TB108-J	3/4-10	12	1 5/32	14 7/16	2.52	5,200	
TB109	7/8-9	6	1 5/16	8 3/4	1.79	7,200	
TB109-J	7/8-9	12	1 3/8	14 15/16	3.81	7,200	
TB110	1-8	6	1 3/8	8 15/16	2.10	10,000	
TB110-J	1-8	12	1 3/8	14 15/16	3.60	10,000	
TB111	1 1/8-7	6	1 1/2	9 7/32	2.78	15,000	
TB111-J	1 1/8-7	12	1 7/8	16	10.53	15,000	
TB112	1 1/4-7	6	1 11/16	9 11/16	3.43	15,200	
TB112-J	1 1/4-7	12	1 7/8	16	10.08	15,200	
TB113	1 3/8-6	6	1 13/16	9 7/8	4.77	17,400	
TB113-J	1 3/8-6	12	1 7/8	16	9.62	17,400	
TB114	1 1/2-6	6	1 7/8	10	6.16	21,000	
TB114-J	1 1/2-6	12	1 7/8	16	9.16	21,000	
TB117	1 5/8-5 1/2	6	2 9/32	10 15/16	9.85	27,000	
TB117-J	1 5/8-5 1/2	12	2 7/16	17 1/4	20.31	27,000	
TB115	1 3/4-5	6	2 9/32	10 15/16	9.38	28,000	
TB115-J	1 3/4-5	12	2 7/16	17 1/4	19.43	28,000	
TB118	1 7/8-5	6	2 7/16	11 1/4	13.29	34,000	
TB118-J	1 7/8-5	12	2 7/16	17 1/4	18.54	34,000	
TB116	2-4 1/2	6	2 7/16	11 1/4	12.66	36,000	
TB116-J	2-4 1/2	12	2 7/16	17 1/4	17.66	36,000	
TB119	2 1/4-4 1/2	6	3 1/4	12 11/16	17.41	48,000	
TB121	2 3/8-4	6	3 15/16	13 3/4	23.96	52,500	
TB120	2 1/2-4	6	3 15/16	13 3/4	22.82	60,000	

Turnbuckle body specimens conform to the physical requirements of ASTM F1145.
Blanks available. Inquire for price & delivery.



Turnbuckle Bodies - Galvanized

Drop Forged Carbon Steel

ASTM F1145, Type 1, Grade 1, Class B

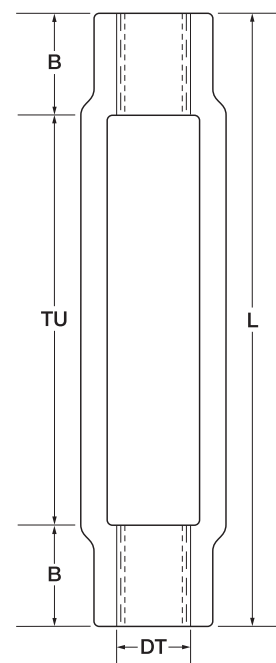
Tapped Oversized: UNC-2B 5/16" - 7/8" +.021 Thous. / 1" - 2 1/2" + .031 Thous.

Stock No.	DT Dia. & Thread UNC-2B	TU Take- Up	B Nut End	L Body Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB101-ZN*	1/4-20	4 1/2	7/16	5 1/2	0.24	500	
TB102-HDG	5/16-18	4 1/2	7/16	5 1/2	0.24	800	
TB103-HDG	3/8-16	6	5/8	7 3/8	0.46	1,200	
TB105-3-HDG	1/2-13	3	1	5 3/16	0.69	2,200	
TB105-4-HDG	1/2-13	4	1	6 3/16	0.79	2,200	
TB105-HDG	1/2-13	6	1 1/16	7 7/16	0.61	2,200	
TB105-9-HDG	1/2-13	9	1 5/32	11 7/16	2.02	2,200	
TB105-J-HDG	1/2-13	12	1 1/16	13 7/16	1.08	2,200	
TB107-3-HDG	5/8-11	3	1	5 3/16	0.66	3,500	
TB107-4-HDG	5/8-11	4	1	6 3/16	0.75	3,500	
TB107-HDG	5/8-11	6	1	8 3/16	0.96	3,500	
TB107-9-HDG	5/8-11	9	1 5/32	11 7/16	1.93	3,500	
TB107-J-HDG	5/8-11	12	1 5/32	14 7/16	2.65	3,500	
TB108-HDG	3/4-10	6	1 5/32	8 7/16	1.62	5,200	
TB108-9-HDG	3/4-10	9	1 5/32	11 7/16	1.84	5,200	
TB108-J-HDG	3/4-10	12	1 5/32	14 7/16	2.52	5,200	
TB109-HDG	7/8-9	6	1 5/16	8 3/4	1.79	7,200	
TB109-J-HDG	7/8-9	12	1 3/8	14 15/16	3.81	7,200	
TB110-HDG	1-8	6	1 3/8	8 15/16	2.10	10,000	
TB110-J-HDG	1-8	12	1 3/8	14 15/16	3.60	10,000	
TB111-HDG	1 1/8-7	6	1 1/2	9 7/32	2.78	15,000	
TB111-J-HDG	1 1/8-7	12	1 7/8	16	10.53	15,000	
TB112-HDG	1 1/4-7	6	1 11/16	9 11/16	3.43	15,200	
TB112-J-HDG	1 1/4-7	12	1 7/8	16	10.08	15,200	
TB113-HDG	1 3/8-6	6	1 13/16	9 7/8	4.77	17,400	
TB113-J-HDG	1 3/8-6	12	1 7/8	16	9.62	17,400	
TB114-HDG	1 1/2-6	6	1 7/8	10	6.16	21,000	
TB114-J-HDG	1 1/2-6	12	1 7/8	16	9.16	21,000	
TB117-HDG	1 5/8-5 1/2	6	2 9/32	10 15/16	9.85	27,000	**
TB117-J-HDG	1 5/8-5 1/2	12	2 7/16	17 1/4	20.31	27,000	
TB115-HDG	1 3/4-5	6	2 9/32	10 15/16	9.38	28,000	
TB115-J-HDG	1 3/4-5	12	2 7/16	17 1/4	19.43	28,000	
TB118-HDG	1 7/8-5	6	2 7/16	11 1/4	13.29	34,000	
TB118-J-HDG	1 7/8-5	12	2 7/16	17 1/4	18.54	34,000	
TB116-HDG	2-4 1/2	6	2 7/16	11 1/4	12.66	36,000	
TB116-J-HDG	2-4 1/2	12	2 7/16	17 1/4	17.66	36,000	
TB119-HDG	2 1/4-4 1/2	6	3 1/4	12 11/16	17.41	48,000	
TB121-HDG	2 3/8-4	6	3 15/16	13 3/4	23.96	52,500	**
TB120-HDG	2 1/2-4	6	3 15/16	13 3/4	22.82	60,000	

Turnbuckle body specimens conform to the physical requirements of ASTM F1145.

*ZINC PLATED (Not tapped oversized).

**Inquire for price & delivery.





Turnbuckle Bodies - 316 Stainless

Drop Forged Stainless Steel, Self-Colored

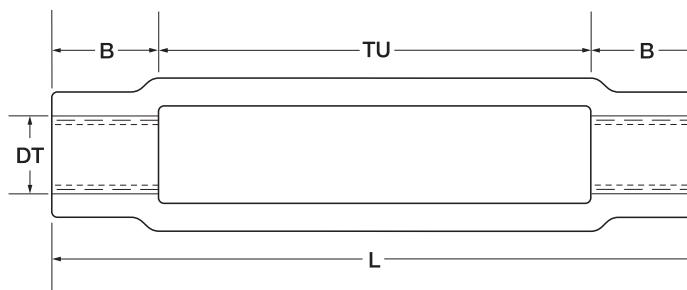
ASTM A182, Grade F316

Tapped: UNC-2B

Stock No.	DT Dia. & Thread UNC-2B	TU Take- Up	B Nut End	L Body Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-316SS	3/8-16	6	5/8	7 3/8	0.46	1,200	
TB105-316SS	1/2-13	6	1 1/16	7 7/16	0.61	2,200	
TB107-316SS	5/8-11	6	1	8 3/16	0.96	3,500	
TB108-316SS	3/4-10	6	1 5/32	8 7/16	1.62	5,200	
TB109-316SS	7/8-9	6	1 5/16	8 3/4	1.79	7,200	
TB110-316SS	1-8	6	1 3/8	8 15/16	2.10	10,000	
TB111-316SS	1 1/8-7	6	1 11/16	9 11/16	3.82	15,000	
TB112-316SS	1 1/4-7	6	1 11/16	9 11/16	3.43	15,200	
TB113-316SS	1 3/8-6	6	1 7/8	10	6.47	17,400	
TB114-316SS	1 1/2-6	6	1 7/8	10	6.16	21,000	
TB116-316SS	2-4 1/2	6	2 7/16	11 1/4	12.66	36,000	

Passivate & Electropolish at additional cost.

Blanks available. Inquire for price & delivery.

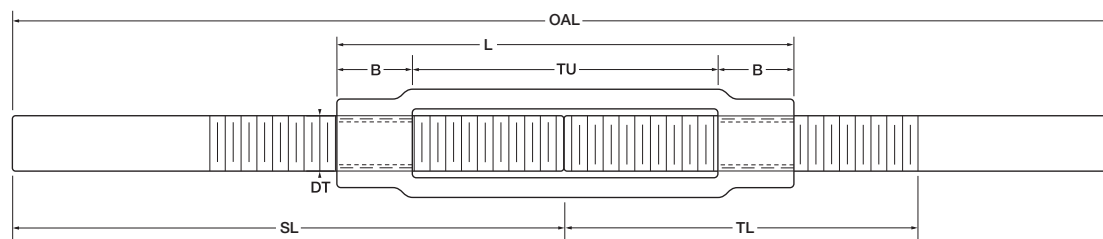


Turnbuckle Assemblies - Stub & Stub, 316 Stainless

Stainless Steel, Self-Colored

Stock No.	DT Dia. & Thread	TU Take- Up	B Nut End	L Body Length	OAL Closed Length	SL Stub Length	TL Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-S-316SS	3/8-16	6	5/8	7 3/8	13	6 1/2	4 1/16	0.82	1,200	
TB105-S-316SS	1/2-13	6	1 1/16	7 7/16	14	7	4 1/16	1.39	2,200	
TB107-S-316SS	5/8-11	6	1	8 3/16	15	7 1/2	4 1/4	2.28	3,500	
TB108-S-316SS	3/4-10	6	1 5/32	8 7/16	16	8	4 5/16	3.44	5,200	
TB109-S-316SS	7/8-9	6	1 5/16	8 3/4	17	8 1/2	4 1/2	4.43	7,200	
TB110-S-316SS	1-8	6	1 3/8	8 15/16	18	9	5 1/8	5.70	10,000	
TB111-S-316SS	1 1/8-7	6	1 11/16	9 11/16	19	9 1/2	5 1/4	8.60	15,000	
TB112-S-316SS	1 1/4-7	6	1 11/16	9 11/16	19 1/8	9 9/16	5 5/16	9.59	15,200	
TB113-S-316SS	1 3/8-6	6	1 7/8	10	20	10	5 9/16	14.19	17,400	
TB114-S-316SS	1 1/2-6	6	1 7/8	10	20 1/4	10 1/8	5 3/4	15.34	21,000	

Passivate & Electropolish at additional cost



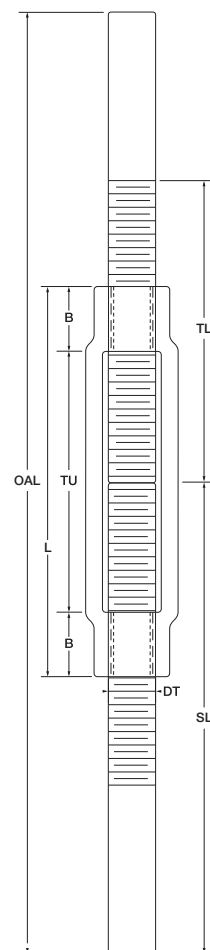
Turnbuckle Assemblies - Stub & Stub

Carbon Steel, Self-Colored

Stock No.	DT Dia. & Thread	TU Take- Up	B Nut End	L Body Length	OAL Closed Length	SL Stub Length	TL Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB101-S	1/4-20	4 1/2	7/16	5 1/2	10 1/2	5 1/4	2 3/4	0.36	500	
TB102-S	5/16-18	4 1/2	7/16	5 1/2	10 1/2	5 1/4	2 3/4	0.44	800	
TB103-S	3/8-16	6	5/8	7 3/8	13	6 1/2	4 1/16	0.82	1,200	
TB105-3-S	1/2-13	3	1	5 3/16	8	4	2 9/16	1.14	2,200	
TB105-4-S	1/2-13	4	1	6 3/16	10	5	3 1/16	1.35	2,200	
TB105-S	1/2-13	6	1 1/16	7 7/16	14	7	4 1/16	1.39	2,200	
TB105-9-S	1/2-13	9	1 5/32	11 7/16	20	10	5 9/16	3.13	2,200	
TB105-J-S	1/2-13	12	1 1/16	13 7/16	26	13	7 1/16	2.53	2,200	
TB107-3-S	5/8-11	3	1	5 3/16	9	4 1/2	2 3/4	1.45	3,500	
TB107-4-S	5/8-11	4	1	6 3/16	11	5 1/2	3 1/4	1.71	3,500	
TB107-S	5/8-11	6	1	8 3/16	15	7 1/2	4 1/4	2.28	3,500	
TB107-9-S	5/8-11	9	1 5/32	11 7/16	21	10 1/2	5 3/4	3.77	3,500	
TB107-J-S	5/8-11	12	1 5/32	14 7/16	27	13 1/2	7 1/4	5.01	3,500	
TB108-S	3/4-10	6	1 5/32	8 7/16	16	8	4 5/16	3.44	5,200	
TB108-9-S	3/4-10	9	1 5/32	11 7/16	22	11	5 13/16	4.60	5,200	
TB108-J-S	3/4-10	12	1 5/32	14 7/16	28	14	7 5/16	6.02	5,200	
TB109-S	7/8-9	6	1 5/16	8 3/4	17	8 1/2	4 1/2	4.43	7,200	
TB109-J-S	7/8-9	12	1 3/8	14 15/16	29	14 1/2	7 1/2	8.76	7,200	
TB110-S	1-8	6	1 3/8	8 15/16	18	9	5 1/8	5.70	10,000	
TB110-J-S	1-8	12	1 3/8	14 15/16	30	15	8 1/8	10.30	10,000	
TB111-S	1 1/8-7	6	1 1/2	9 7/32	19	9 1/2	5 1/4	7.56	15,000	
TB111-J-S	1 1/8-7	12	1 7/8	16	31	15 1/2	8 1/4	19.27	15,000	
TB112-S	1 1/4-7	6	1 11/16	9 11/16	19 1/8	9 9/16	5 5/16	9.59	15,200	
TB112-J-S	1 1/4-7	12	1 7/8	16	31 1/8	15 9/16	8 5/16	20.91	15,200	
TB113-S	1 3/8-6	6	1 13/16	9 7/8	20	10	5 9/16	12.36	17,400	
TB113-J-S	1 3/8-6	12	1 7/8	16	32	16	8 9/16	22.38	17,400	**
TB114-S	1 1/2-6	6	1 7/8	10	20 1/4	10 1/8	5 3/4	15.34	21,000	
TB114-J-S	1 1/2-6	12	1 7/8	16	32 1/4	16 1/8	8 3/4	25.32	21,000	
TB117-S	1 5/8-5 1/2	6	2 9/32	10 15/16	21	10 1/2	5 3/4	21.17	27,000	
TB117-J-S	1 5/8-5 1/2	12	2 7/16	17 1/4	33	16 1/2	8 3/4	38.71	27,000	**
TB115-S	1 3/4-5	6	2 9/32	10 15/16	21	10 1/2	5 3/4	22.44	28,000	
TB115-J-S	1 3/4-5	12	2 7/16	17 1/4	33	16 1/2	8 3/4	40.65	28,000	**
TB118-S	1 7/8-5	6	2 7/16	11 1/4	22	11	6 1/4	29.19	34,000	
TB118-J-S	1 7/8-5	12	2 7/16	17 1/4	34	17	9 1/4	43.80	34,000	**
TB116-S	2-4 1/2	6	2 7/16	11 1/4	22	11	6 1/4	30.58	36,000	
TB116-J-S	2-4 1/2	12	2 7/16	17 1/4	34	17	9 1/4	44.94	36,000	**
TB119-S	2 1/4-4 1/2	6	3 1/4	12 11/16	25 3/4	12 7/8	7 1/2	44.09	48,000	
TB121-S	2 3/8-4	6	3 15/16	13 3/4	26	13	7 9/16	56.72	52,500	**
TB120-S	2 1/2-4	6	3 15/16	13 3/4	26 1/4	13 1/8	7 9/16	56.30	60,000	

Stub Ends Mild Carbon Steel

**Inquire for price & delivery.





Turnbuckle Assemblies - Stub & Stub, Galvanized

Carbon Steel

Stock No.	DT Dia. & Thread	TU Take- Up	B Nut End	L Body Length	OAL Closed Length	SL Stub Length	TL Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB101-S-ZN*	1/4-20	4 1/2	7/16	5 1/2	10 1/2	5 1/4	2 3/4	0.36	500	
TB102-S-HDG	5/16-18	4 1/2	7/16	5 1/2	10 1/2	5 1/4	2 3/4	0.44	800	
TB103-S-HDG	3/8-16	6	5/8	7 3/8	13	6 1/2	4 1/16	0.82	1,200	
TB105-3-S-HDG	1/2-13	3	1	5 3/16	8	4	2 9/16	1.14	2,200	
TB105-4-S-HDG	1/2-13	4	1	6 3/16	10	5	3 1/16	1.35	2,200	
TB105-S-HDG	1/2-13	6	11/16	7 7/16	14	7	4 1/16	1.39	2,200	
TB105-9-S-HDG	1/2-13	9	1 5/32	11 7/16	20	10	5 9/16	3.13	2,200	
TB105-J-S-HDG	1/2-13	12	11/16	13 7/16	26	13	7 1/16	2.53	2,200	
TB107-3-S-HDG	5/8-11	3	1	5 3/16	9	4 1/2	2 3/4	1.45	3,500	
TB107-4-S-HDG	5/8-11	4	1	6 3/16	11	5 1/2	3 1/4	1.71	3,500	
TB107-S-HDG	5/8-11	6	1	8 3/16	15	7 1/2	4 1/4	2.28	3,500	
TB107-9-S-HDG	5/8-11	9	1 5/32	11 7/16	21	10 1/2	5 3/4	3.77	3,500	
TB107-J-S-HDG	5/8-11	12	1 5/32	14 7/16	27	13 1/2	7 1/4	5.01	3,500	
TB108-S-HDG	3/4-10	6	1 5/32	8 7/16	16	8	4 5/16	3.44	5,200	
TB108-9-S-HDG	3/4-10	9	1 5/32	11 7/16	22	11	5 13/16	4.60	5,200	
TB108-J-S-HDG	3/4-10	12	1 5/32	14 7/16	28	14	7 5/16	6.02	5,200	
TB109-S-HDG	7/8-9	6	1 5/16	8 3/4	17	8 1/2	4 1/2	4.43	7,200	
TB109-J-S-HDG	7/8-9	12	1 3/8	14 15/16	29	14 1/2	7 1/2	8.76	7,200	
TB110-S-HDG	1-8	6	1 3/8	8 15/16	18	9	5 1/8	5.70	10,000	
TB110-J-S-HDG	1-8	12	1 3/8	14 15/16	30	15	8 1/8	10.30	10,000	
TB111-S-HDG	1 1/8-7	6	1 1/2	9 7/32	19	9 1/2	5 1/4	7.56	15,000	
TB111-J-S-HDG	1 1/8-7	12	1 7/8	16	31	15 1/2	8 1/4	19.27	15,000	
TB112-S-HDG	1 1/4-7	6	1 11/16	9 11/16	19 1/8	9 9/16	5 5/16	9.59	15,200	
TB112-J-S-HDG	1 1/4-7	12	1 7/8	16	31 1/8	15 9/16	8 5/16	20.91	15,200	
TB113-S-HDG	1 3/8-6	6	1 13/16	9 7/8	20	10	5 9/16	12.36	17,400	
TB113-J-S-HDG	1 3/8-6	12	1 7/8	16	32	16	8 9/16	22.38	17,400	**
TB114-S-HDG	1 1/2-6	6	1 7/8	10	20 1/4	10 1/8	5 3/4	15.34	21,000	
TB114-J-S-HDG	1 1/2-6	12	1 7/8	16	32 1/4	16 1/8	8 3/4	25.32	21,000	
TB117-S-HDG	1 5/8-5 1/2	6	2 9/32	10 15/16	21	10 1/2	5 3/4	21.17	27,000	
TB117-J-S-HDG	1 5/8-5 1/2	12	2 7/16	17 1/4	33	16 1/2	8 3/4	38.71	27,000	**
TB115-S-HDG	1 3/4-5	6	2 9/32	10 15/16	21	10 1/2	5 3/4	22.44	28,000	
TB115-J-S-HDG	1 3/4-5	12	2 7/16	17 1/4	33	16 1/2	8 3/4	40.65	28,000	**
TB118-S-HDG	1 7/8-5	6	2 7/16	11 1/4	22	11	6 1/4	29.19	34,000	
TB118-J-S-HDG	1 7/8-5	12	2 7/16	17 1/4	34	17	9 1/4	43.80	34,000	**
TB116-S-HDG	2-4 1/2	6	2 7/16	11 1/4	22	11	6 1/4	30.58	36,000	
TB116-J-S-HDG	2-4 1/2	12	2 7/16	17 1/4	34	17	9 1/4	44.94	36,000	**
TB119-S-HDG	2 1/4-4 1/2	6	3 1/4	12 11/16	25 3/4	12 7/8	7 1/2	44.09	48,000	
TB121-S-HDG	2 3/8-4	6	3 15/16	13 3/4	26	13	7 9/16	56.72	52,500	**
TB120-S-HDG	2 1/2-4	6	3 15/16	13 3/4	26 1/4	13 1/8	7 9/16	56.30	60,000	

Stub Ends Mild Carbon Steel

*ZINC PLATED

**Inquire for price & delivery.

Turnbuckle Assemblies - Eye & Eye

Drop Forged Carbon Steel, Self-Colored

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-E-E	3/8-16	6	11 3/8	0.88	1,040	
TB105-E-E	1/2-13	6	13 1/8	1.53	1,800	
TB107-E-E	5/8-11	6	13 3/4	2.35	2,700	
TB108-E-E	3/4-10	6	15 1/4	3.82	4,000	
TB110-E-E	1-8	6	19	7.70	8,500	

Turnbuckle Assemblies - Eye & Eye, Galvanized

Drop Forged Carbon Steel

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-E-E-HDG	3/8-16	6	11 3/8	0.88	1,040	
TB105-E-E-HDG	1/2-13	6	13 1/8	1.53	1,800	
TB107-E-E-HDG	5/8-11	6	13 3/4	2.35	2,700	
TB108-E-E-HDG	3/4-10	6	15 1/4	3.82	4,000	
TB110-E-E-HDG	1-8	6	19	7.70	8,500	

Turnbuckle Assembly - Jaw & Jaw

Drop Forged Carbon Steel, Self-Colored

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-J-J	3/8-16	6	12 3/8	1.07	1,200	

Turnbuckle Assembly - Jaw & Jaw, Galvanized

Drop Forged Carbon Steel

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-J-J-HDG	3/8-16	6	12 3/8	1.07	1,200	

Turnbuckle Assembly - Jaw & Eye

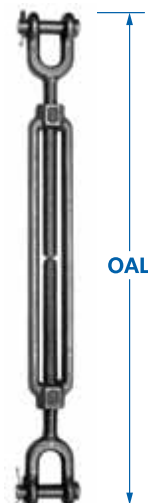
Drop Forged Carbon Steel, Self-Colored

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-J-E	3/8-16	6	11 7/8	0.98	1,040	

Turnbuckle Assembly - Jaw & Eye, Galvanized

Drop Forged Carbon Steel

Stock No.	Diameter & Thread	Take-up	OAL Closed Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TB103-J-E-HDG	3/8-16	6	11 7/8	0.98	1,040	





Turnbuckle Fittings - Eyes

Drop Forged Carbon Steel, Self-Colored
Threaded: UNC-2A, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Dia. & Thread UNC-2A	Shank Length	Eye I.D.	Eye O.D.	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBE-03-RH	TBE-03-LH	3/8-16	4 1/8	51/64	1 17/32	0.21	1,040	
TBE-05-RH	TBE-05-LH	1/2-13	4 5/8	1	1 15/16	0.43	1,800	
TBE-07-RH	TBE-07-LH	5/8-11	4 9/16	1 19/64	2 9/32	0.67	2,700	
TBE-08-RH	TBE-08-LH	3/4-10	4 7/8	1 17/32	2 13/16	1.12	4,000	
TBE-10-RH*	TBE-10-LH*	1-8	5 3/4	2	3 7/8	2.80	8,500	

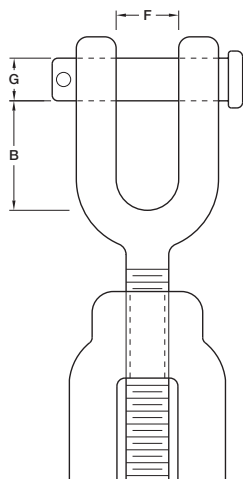
* Longer lengths available. Inquire for price & delivery.

Turnbuckle Fittings - Eyes, Galvanized

Drop Forged Carbon Steel
Threaded: UNC-2A before galvanizing, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Dia. & Thread UNC-2A	Shank Length	Eye I.D.	Eye O.D.	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBE-03-RH-HDG	TBE-03-LH-HDG	3/8-16	4 1/8	51/64	1 17/32	0.21	1,040	
TBE-05-RH-HDG	TBE-05-LH-HDG	1/2-13	4 5/8	1	1 15/16	0.43	1,800	
TBE-07-RH-HDG	TBE-07-LH-HDG	5/8-11	4 9/16	1 19/64	2 9/32	0.67	2,700	
TBE-08-RH-HDG	TBE-08-LH-HDG	3/4-10	4 7/8	1 17/32	2 13/16	1.12	4,000	
TBE-10-RH-HDG*	TBE-10-LH-HDG*	1-8	5 3/4	2	3 7/8	2.80	8,500	

* Longer lengths available. Inquire for price & delivery.



Turnbuckle Fittings - Jaw

Drop Forged Carbon Steel, Self-Colored
Threaded: UNC-2A, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Dia. & Thread UNC-2A	Shank Length	F	B	G	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBJ-03-RH	TBJ-03-LH	3/8-16	4 3/8	1/2	7/8	3/8	0.30	1,200	

Turnbuckle Fittings - Jaw, Galvanized

Drop Forged Carbon Steel
Threaded: UNC-2A before galvanizing, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Dia. & Thread UNC-2A	Shank Length	F	B	G	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBJ-03-RH-HDG	TBJ-03-LH-HDG	3/8-16	4 3/8	1/2	7/8	3/8	0.30	1,200	



Turnbuckle Fittings - Stubs, 316 Stainless

Stainless Steel, Self-Colored
Threaded: UNC-2A, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Stub Dia. & Thread UNC-2A	Stub Length	Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBS-03-RH-316SS	TBS-03-LH-316SS	3/8-16	6 1/2	4 1/16	0.18	1,200	
TBS-05-RH-316SS	TBS-05-LH-316SS	1/2-13	7	4 1/16	0.39	2,200	
TBS-07-RH-316SS	TBS-07-LH-316SS	5/8-11	7 1/2	4 1/4	0.66	3,500	
TBS-08-RH-316SS	TBS-08-LH-316SS	3/4-10	8	4 5/16	0.91	5,200	
TBS-09-RH-316SS	TBS-09-LH-316SS	7/8-9	8 1/2	4 1/2	1.32	7,200	
TBS-10-RH-316SS	TBS-10-LH-316SS	1-8	9	5 1/8	1.80	10,000	
TBS-11-RH-316SS	TBS-11-LH-316SS	1 1/8-7	9 1/2	5 1/4	2.39	15,000	
TBS-12-RH-316SS	TBS-12-LH-316SS	1 1/4-7	9 9/16	5 5/16	3.08	15,200	
TBS-13-RH-316SS	TBS-13-LH-316SS	1 3/8-6	10	5 9/16	3.86	17,400	
TBS-14-RH-316SS	TBS-14-LH-316SS	1 1/2-6	10 1/8	5 3/4	4.59	21,000	

Passivate & Electropolish at additional cost.

Turnbuckle Fittings - Stubs

Mild Carbon Steel, Self-Colored

Threaded: UNC-2A, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Stub Dia. & Thread UNC-2A	Stub Length	Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBS-01-RH	TBS-01-LH	1/4-20	5 1/4	2 3/4	0.06	500	
TBS-02-RH	TBS-02-LH	5/16-18	5 1/4	2 3/4	0.10	800	
TBS-03-RH	TBS-03-LH	3/8-16	6 1/2	4 1/16	0.18	1,200	
TBS-05-3-RH	TBS-05-3-LH	1/2-13	4	2 9/16	0.22	2,200	
TBS-05-4-RH	TBS-05-4-LH	1/2-13	5	3 1/16	0.28	2,200	
TBS-05-RH	TBS-05-LH	1/2-13	7	4 1/16	0.39	2,200	
TBS-05-9-RH	TBS-05-9-LH	1/2-13	10	5 9/16	0.56	2,200	
TBS-05-J-RH	TBS-05-J-LH	1/2-13	13	7 1/16	0.72	2,200	
TBS-07-3-RH	TBS-07-3-LH	5/8-11	4 1/2	2 3/4	0.39	3,500	
TBS-07-4-RH	TBS-07-4-LH	5/8-11	5 1/2	3 1/4	0.48	3,500	
TBS-07-RH	TBS-07-LH	5/8-11	7 1/2	4 1/4	0.66	3,500	
TBS-07-9-RH	TBS-07-9-LH	5/8-11	10 1/2	5 3/4	0.92	3,500	
TBS-07-J-RH	TBS-07-J-LH	5/8-11	13 1/2	7 1/4	1.18	3,500	
TBS-08-RH	TBS-08-LH	3/4-10	8	4 5/16	0.91	5,200	
TBS-08-9-RH	TBS-08-9-LH	3/4-10	11	5 13/16	1.38	5,200	
TBS-08-J-RH	TBS-08-J-LH	3/4-10	14	7 5/16	1.75	5,200	
TBS-09-RH	TBS-09-LH	7/8-9	8 1/2	4 1/2	1.32	7,200	
TBS-09-J-RH	TBS-09-J-LH	7/8-9	14 1/2	7 1/2	2.47	7,200	
TBS-10-RH	TBS-10-LH	1-8	9	5 1/8	1.80	10,000	
TBS-10-J-RH	TBS-10-J-LH	1-8	15	8 1/8	3.35	10,000	
TBS-11-RH	TBS-11-LH	1 1/8-7	9 1/2	5 1/4	2.39	15,000	
TBS-11-J-RH	TBS-11-J-LH	1 1/8-7	15 1/2	8 1/4	4.37	15,000	
TBS-12-RH	TBS-12-LH	1 1/4-7	9 9/16	5 5/16	3.08	15,200	
TBS-12-J-RH	TBS-12-J-LH	1 1/4-7	15 9/16	8 5/16	5.42	15,200	
TBS-13-RH	TBS-13-LH	1 3/8-6	10	5 9/16	3.86	17,400	
TBS-13-J-RH	TBS-13-J-LH	1 3/8-6	16	8 9/16	6.38	17,400	**
TBS-14-RH	TBS-14-LH	1 1/2-6	10 1/8	5 3/4	4.59	21,000	
TBS-14-J-RH	TBS-14-J-LH	1 1/2-6	16 1/8	8 3/4	8.08	21,000	
TBS-17-RH	TBS-17-LH	1 5/8-5 1/2	10 1/2	5 3/4	5.66	27,000	
TBS-17-J-RH	TBS-17-J-LH	1 5/8-5 1/2	16 1/2	8 3/4	9.20	27,000	**
TBS-15-RH	TBS-15-LH	1 3/4-5	10 1/2	5 3/4	6.53	28,000	
TBS-15-J-RH	TBS-15-J-LH	1 3/4-5	16 1/2	8 3/4	10.61	28,000	**
TBS-18-RH	TBS-18-LH	1 7/8-5	11	6 1/4	7.95	34,000	
TBS-18-J-RH	TBS-18-J-LH	1 7/8-5	17	9 1/4	12.63	34,000	**
TBS-16-RH	TBS-16-LH	2-4 1/2	11	6 1/4	8.96	36,000	
TBS-16-J-RH	TBS-16-J-LH	2-4 1/2	17	9 1/4	13.64	36,000	**
TBS-19-RH	TBS-19-LH	2 1/4-4 1/2	12 7/8	7 1/2	13.34	48,000	
TBS-21-RH	TBS-16-LH	2 3/8-4	13	7 9/16	16.38	52,500	**
TBS-20-RH	TBS-20-LH	2 1/2-4	13 1/8	7 9/16	16.74	60,000	

**Inquire for price & delivery.





Turnbuckle Fittings - Stubs, Galvanized

Mild Carbon Steel

Threaded: UNC-2A before galvanizing, Right Hand & Left Hand Threads

Stock No. Right Hand	Stock No. Left Hand	Stub Dia. & Thread UNC-2A	Stub Length	Min. Thread Length	Weight Lbs.	Rated Capty. Lbs.	Price Each
TBS-01-RH-ZN*	TBS-01-LH-ZN*	1/4-20	5 1/4	2 3/4	0.06	500	
TBS-02-RH-HDG	TBS-02-LH-HDG	5/16-18	5 1/4	2 3/4	0.10	800	
TBS-03-RH-HDG	TBS-03-LH-HDG	3/8-16	6 1/2	4 1/16	0.18	1,200	
TBS-05-3-RH-HDG	TBS-05-3-LH-HDG	1/2-13	4	2 9/16	0.22	2,200	
TBS-05-4-RH-HDG	TBS-05-4-LH-HDG	1/2-13	5	3 1/16	0.28	2,200	
TBS-05-RH-HDG	TBS-05-LH-HDG	1/2-13	7	4 1/16	0.39	2,200	
TBS-05-9-RH-HDG	TBS-05-9-LH-HDG	1/2-13	10	5 9/16	0.56	2,200	
TBS-05-J-RH-HDG	TBS-05-J-LH-HDG	1/2-13	13	7 1/16	0.72	2,200	
TBS-07-3-RH-HDG	TBS-07-3-LH-HDG	5/8-11	4 1/2	2 3/4	0.39	3,500	
TBS-07-4-RH-HDG	TBS-07-4-LH-HDG	5/8-11	5 1/2	3 1/4	0.48	3,500	
TBS-07-RH-HDG	TBS-07-LH-HDG	5/8-11	7 1/2	4 1/4	0.66	3,500	
TBS-07-9-RH-HDG	TBS-07-9-LH-HDG	5/8-11	10 1/2	5 3/4	0.92	3,500	
TBS-07-J-RH-HDG	TBS-07-J-LH-HDG	5/8-11	13 1/2	7 1/4	1.18	3,500	
TBS-08-RH-HDG	TBS-08-LH-HDG	3/4-10	8	4 5/16	0.91	5,200	
TBS-08-9-RH-HDG	TBS-08-9-LH-HDG	3/4-10	11	5 13/16	1.38	5,200	
TBS-08-J-RH-HDG	TBS-08-J-LH-HDG	3/4-10	14	7 5/16	1.75	5,200	
TBS-09-RH-HDG	TBS-09-LH-HDG	7/8-9	8 1/2	4 1/2	1.32	7,200	
TBS-09-J-RH-HDG	TBS-09-J-LH-HDG	7/8-9	14 1/2	7 1/2	2.47	7,200	
TBS-10-RH-HDG	TBS-10-LH-HDG	1-8	9	5 1/8	1.80	10,000	
TBS-10-J-RH-HDG	TBS-10-J-LH-HDG	1-8	15	8 1/8	3.35	10,000	
TBS-11-RH-HDG	TBS-11-LH-HDG	1 1/8-7	9 1/2	5 1/4	2.39	15,000	
TBS-11-J-RH-HDG	TBS-11-J-LH-HDG	1 1/8-7	15 1/2	8 1/4	4.37	15,000	
TBS-12-RH-HDG	TBS-12-LH-HDG	1 1/4-7	9 9/16	5 5/16	3.08	15,200	
TBS-12-J-RH-HDG	TBS-12-J-LH-HDG	1 1/4-7	15 9/16	8 5/16	5.42	15,200	
TBS-13-RH-HDG	TBS-13-LH-HDG	1 3/8-6	10	5 9/16	3.86	17,400	
TBS-13-J-RH-HDG	TBS-13-J-LH-HDG	1 3/8-6	16	8 9/16	6.38	17,400	**
TBS-14-RH-HDG	TBS-14-LH-HDG	1 1/2-6	10 1/8	5 3/4	4.59	21,000	
TBS-14-J-RH-HDG	TBS-14-J-LH-HDG	1 1/2-6	16 1/8	8 3/4	8.08	21,000	
TBS-17-RH-HDG	TBS-17-LH-HDG	1 5/8-5 1/2	10 1/2	5 3/4	5.66	27,000	
TBS-17-J-RH-HDG	TBS-17-J-LH-HDG	1 5/8-5 1/2	16 1/2	8 3/4	9.20	27,000	**
TBS-15-RH-HDG	TBS-15-LH-HDG	1 3/4-5	10 1/2	5 3/4	6.53	28,000	
TBS-15-J-RH-HDG	TBS-15-J-LH-HDG	1 3/4-5	16 1/2	8 3/4	10.61	28,000	**
TBS-18-RH-HDG	TBS-18-LH-HDG	1 7/8-5	11	6 1/4	7.95	34,000	
TBS-18-J-RH-HDG	TBS-18-J-LH-HDG	1 7/8-5	17	9 1/4	12.63	34,000	**
TBS-16-RH-HDG	TBS-16-LH-HDG	2-4 1/2	11	6 1/4	8.96	36,000	
TBS-16-J-RH-HDG	TBS-16-J-LH-HDG	2-4 1/2	17	9 1/4	13.64	36,000	**
TBS-19-RH-HDG	TBS-19-LH-HDG	2 1/4-4 1/2	12 7/8	7 1/2	13.34	48,000	
TBS-21-RH-HDG	TBS-21-LH-HDG	2 3/8-4	13	7 9/16	16.38	52,500	**
TBS-20-RH-HDG	TBS-20-LH-HDG	2 1/2-4	13 1/8	7 9/16	16.74	60,000	

*ZINC PLATED

**Inquire for price & delivery.

Rod Ends - C1030-1035, Blank

Drop Forged Carbon Steel, Self-Colored

ASTM A521, Class CA

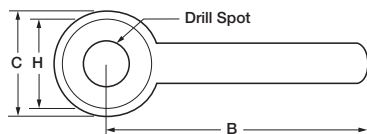
Modified to specifications at additional cost.

Shank Diameter oversized for cut threading.

Stock No.	A Shank Dia. +.060/-0	B Center of Eye to End +.060/-0	H Face Diameter +.032/-.015	C Head O.D. +.060/-0	D Head Thickness +.032/-.015	Weight Lbs.	(Combination pricing on C1030-1035, Blank Rod Ends)				
							Price Per Piece				
							1-99	100-249	250-499	500-999	1000+
2AA	5/16	1 1/2	33/64	9/16	11/32	0.05					
3A	3/8	3 1/2	11/16	3/4	7/16	0.18					
3E	3/8	6	11/16	3/4	7/16	0.25					
3J	3/8	12	11/16	3/4	7/16	0.43					
4E	7/16	6	13/16	7/8	1/2	0.33					
4J	7/16	12	13/16	7/8	1/2	0.59					
5A	1/2	3 1/2	15/16	31/32	9/16	0.33					
5AX	1/2	3 1/2	1 1/16	1 3/16	1/2	0.33					
5E	1/2	6	15/16	31/32	9/16	0.50					
5EX	1/2	6	1 1/16	1 3/16	1/2	0.50					
5J	1/2	12	15/16	31/32	9/16	0.75					
5JX	1/2	12	1 1/16	1 3/16	1/2	0.75					
6A	5/8	3 1/2	1 3/16	1 1/4	11/16	0.55					
6C	5/8	5	1 3/16	1 1/4	11/16	0.62					
6E	5/8	6	1 3/16	1 1/4	11/16	0.75					
6J	5/8	12	1 3/16	1 1/4	11/16	1.25					
7A	3/4	3 1/2	1 7/16	1 1/2	13/16	0.75					
7E	3/4	6	1 7/16	1 1/2	13/16	1.10					
7J	3/4	12	1 7/16	1 1/2	13/16	1.80					
8E	7/8	6	1 11/16	1 13/16	15/16	1.50					
8J	7/8	12	1 11/16	1 13/16	15/16	2.60					
10E	1	6	1 15/16	2 1/32	1 1/16	2.15					
10J	1	12	1 15/16	2 1/32	1 1/16	3.50					
12J	1 1/4	12	2 7/16	2 5/8	1 5/16	5.65					
14J	1 1/2	12	2 15/16	3 3/32	1 1/2	8.25					
16J	1 3/4	12	3 1/2	3 21/32	1 3/4	12.84					
18J	2	12	4	4 5/32	2	16.12					
22J14	2 1/2	14		5 1/8	2 1/2	23.03					

Inquire for price & delivery.

Longer lengths in stock in sizes 7/16" through 2". Inquire for price & delivery.



Rod Ends - C1030-1035, Machined & Black Oxided

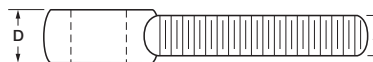
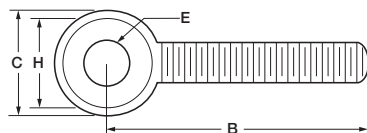
Drop Forged Carbon Steel

ASTM A521, Class CA

Fully Threaded: UNC-2A, Last full thread to be a minimum of 1/4" away from head.

Modified to specifications at additional cost.

Stock No.	A Shank Dia. & Thread UNC-2A	B Center of Eye to End +.060/-0	H Face Diameter +.060/-0	C Head O.D. +.060/-0	D Head Thickness +.010/-0.010	E Hole I.D. +.010/-0	Weight Lbs.	(Combination pricing on C1030-1035, Machined Rod Ends)				
								Price Per Piece				
								1-99	100-249	250-499	500-999	1000+
2AA-Mach.	5/16-18	1 1/2	33/64	37/64	5/16	5/16	0.04					
3A-Mach.	3/8-16	3 1/2	11/16	13/16	3/8	3/8	0.13					
3E-Mach.	3/8-16	6	11/16	13/16	3/8	3/8	0.18					
5A-Mach.	1/2-13	3 1/2	15/16	1-1/32	1/2	1/2	0.22					
5E-Mach.	1/2-13	6	15/16	1-1/32	1/2	1/2	0.33					
6A-Mach.	5/8-11	3 1/2	1 3/16	1 1/4	5/8	5/8	0.38					
6E-Mach.	5/8-11	6	1 3/16	1 1/4	5/8	5/8	0.55					
7A-Mach.	3/4-10	3 1/2	1 7/16	1 1/2	3/4	3/4	0.56					
7E-Mach.	3/4-10	6	1 7/16	1 1/2	3/4	3/4	0.82					
8E-Mach.	7/8-9	6	1 11/16	1 13/16	7/8	7/8	1.20					
10E-Mach.	1-8	6	1 15/16	2 1/32	1	1	1.60					



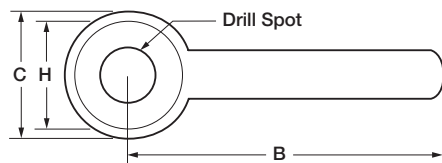


Rod Ends - 4140, Blank

Drop Forged Alloy Steel, Self-Colored
Heat-Treated to ASTM A193-B7
Modified to specifications at additional cost.
Shank Diameter oversized for cut threading.

Stock No.	A Shank Dia. +.060/-0	B Center of Eye to End +.060/-0	H Face Diameter +.032/-.015	C Head O.D. +.060/-0	D Head Thickness +.032/-.015	Weight Lbs.	(Combination pricing on 4140, Blank Rod Ends)				
							Price Per Piece				
							1-99	100-249	250-499	500-999	1000+
3A-B7	3/8	3 1/2	11/16	3/4	7/16	0.18					
3E-B7	3/8	6	11/16	3/4	7/16	0.25					
3J-B7	3/8	12	11/16	3/4	7/16	0.43					
5A-B7	1/2	3 1/2	15/16	31/32	9/16	0.33					
5E-B7	1/2	6	15/16	31/32	9/16	0.50					
5EX-B7	1/2	6	1 1/16	1 3/16	1/2	0.50					
5J-B7	1/2	12	15/16	31/32	9/16	0.75					
5JX-B7	1/2	12	1 1/16	1 3/16	1/2	0.75					
6A-B7	5/8	3 1/2	1 3/16	1 1/4	11/16	0.55					
6E-B7	5/8	6	1 3/16	1 1/4	11/16	0.75					
6J-B7	5/8	12	1 3/16	1 1/4	11/16	1.25					
7A-B7	3/4	3 1/2	1 7/16	1 1/2	13/16	0.75					
7E-B7	3/4	6	1 7/16	1 1/2	13/16	1.10					
7J-B7	3/4	12	1 7/16	1 1/2	13/16	1.80					
8E-B7	7/8	6	1 11/16	1 13/16	15/16	1.50					
8J-B7	7/8	12	1 11/16	1 13/16	15/16	2.60					
10E-B7	1	6	1 15/16	2 1/32	1 1/16	2.15					
10J-B7	1	12	1 15/16	2 1/32	1 1/16	3.50					
12J-B7	1 1/4	12	2 7/16	2 5/8	1 5/16	5.65					
14J-B7	1 1/2	12	2 15/16	3 3/32	1 1/2	8.25					
16J-B7	1 3/4	12	3 1/2	3 21/32	1 3/4	12.84					
18J-B7	2	12	4	4 5/32	2	16.12					

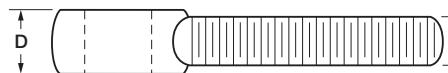
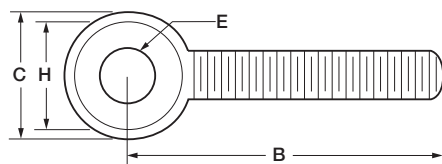
Inquire for price & delivery.



Rod Ends - 4140, Machined & Black Oxided

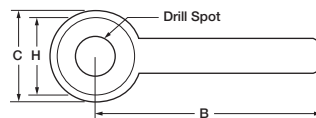
Drop Forged Alloy Steel
Heat-Treated to ASTM A193-B7
Fully Threaded: UNC-2A, Last full thread to be a minimum of 1/4" away from head.
Modified to specifications at additional cost.

Stock No.	A Shank Dia. & Thread UNC-2A	B Center of Eye to End +.060/-0	H Face Diameter +.060/-0	C Head O.D. +.060/-0	D Head Thickness +.010/-.010	E Hole I.D. +.010/-0	Weight Lbs.	(Combination pricing on 4140, Machined Rod Ends)				
								Price Per Piece				
								1-99	100-249	250-499	500-999	1000+
3A-B7 Mach.	3/8-16	3 1/2	11/16	13/16	3/8	3/8	0.12					
3E-B7 Mach.	3/8-16	6	11/16	13/16	3/8	3/8	0.19					
5A-B7 Mach.	1/2-13	3 1/2	15/16	1-1/32	1/2	1/2	0.22					
5E-B7 Mach.	1/2-13	6	15/16	1-1/32	1/2	1/2	0.33					
6A-B7 Mach.	5/8-11	3 1/2	1 3/16	1 1/4	5/8	5/8	0.38					
6E-B7 Mach.	5/8-11	6	1 3/16	1 1/4	5/8	5/8	0.55					
7A-B7 Mach.	3/4-10	3 1/2	1 7/16	1 1/2	3/4	3/4	0.57					
7E-B7 Mach.	3/4-10	6	1 7/16	1 1/2	3/4	3/4	0.83					
8E-B7 Mach.	7/8-9	6	1 11/16	1 13/16	7/8	7/8	1.22					
10E-B7 Mach.	1-8	6	1 15/16	2 1/32	1	1	1.64					



Rod Ends - 304 Stainless, Blank

Drop Forged Stainless Steel, Self-Colored
Heat-Treated to ASTM A193-B8
Modified to specifications at additional cost.
Shank Diameter oversized for cut threading.

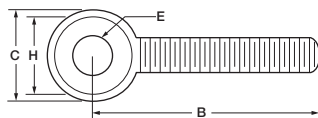


Stock No.	A Shank Dia. +.060/-0	B Center of Eye to End +.060/-0	H Face Diameter +.032/-0.015	C Head O.D. +.060/-0	D Head Thickness +.032/-0.015	Weight Lbs.	(Combination pricing on 304 SS, Blank Rod Ends)				
							Price Per Piece				
							1-99	100-249	250-499	500-999	1000+
3A-SS	3/8	3 1/2	11/16	3/4	7/16	0.18					
3E-SS	3/8	6	11/16	3/4	7/16	0.25					
3J-SS	3/8	12	11/16	3/4	7/16	0.43					
5A-SS	1/2	3 1/2	15/16	31/32	9/16	0.33					
5E-SS	1/2	6	15/16	31/32	9/16	0.50					
5J-SS	1/2	12	15/16	31/32	9/16	0.75					
6E-SS	5/8	6	1 3/16	1 1/4	11/16	0.75					
6J-SS	5/8	12	1 3/16	1 1/4	11/16	1.25					
7E-SS	3/4	6	1 7/16	1 1/2	13/16	1.10					
7J-SS	3/4	12	1 7/16	1 1/2	13/16	1.80					
8E-SS	7/8	6	1 11/16	1 13/16	15/16	1.50					
8J-SS	7/8	12	1 11/16	1 13/16	15/16	2.60					
10E-SS	1	6	1 15/16	2 1/32	1 1/16	2.15					
10J-SS	1	12	1 15/16	2 1/32	1 1/16	3.50					
12J-SS	1-1/4	12	2 7/16	2 5/8	1 5/16	5.65					

Rod Ends - 304 Stainless, Machined

Drop Forged Stainless Steel, Self-Colored
Heat-Treated to ASTM A193-B8
Fully Threaded: UNC-2A, Last full thread to be a minimum of 1/4" away from head.
Modified to specifications at additional cost.

Stock No.	A Shank Dia. & Thread UNC-2A	B Center of Eye to End +.060/-0	H Face Diameter +.060/-0	C Head O.D. +.060/-0	D Head Thickness +.010/-0.010	E Hole I.D. +.010/-0	Weight Lbs.	(Combination pricing on 304 SS, Machined Rod Ends)				
								Price Per Piece				
								1-99	100-249	250-499	500-999	1000+
3A-SS Mach.	3/8-16	3 1/2	11/16	13/16	3/8	3/8	0.12					
3E-SS Mach.	3/8-16	6	11/16	13/16	3/8	3/8	0.25	Pricing available upon request.				
5E-SS Mach.	1/2-13	6	15/16	1-1/32	1/2	1/2	0.33					
6E-SS Mach.	5/8-11	6	1 3/16	1 1/4	5/8	5/8	0.55					
7E-SS Mach.	3/4-10	6	1 7/16	1 1/2	3/4	3/4	0.83					
8E-SS Mach.	7/8-9	6	1 11/16	1 13/16	7/8	7/8	1.22					
10E-SS Mach.	1-8	6	1 15/16	2 1/32	1	1	1.63					



Rod Ends - 316 Stainless, Blank

Drop Forged Stainless Steel, Self-Colored
Heat-Treated to ASTM A193-B8M
Modified to specifications at additional cost.
Shank Diameter oversized for cut threading.

Stock No.	A Shank Dia. +.060/-0	B Center of Eye to End +.060/-0	H Face Diameter +.032/-0.015	C Head O.D. +.060/-0	D Head Thickness +.032/-0.015	Weight Lbs.	(Combination pricing on 316 SS, Blank Rod Ends)				
							Price Per Piece				
							1-99	100-249	250-499	500-999	1000+
5E-316SS	1/2	6	15/16	31/32	9/16	0.50					
5J-316SS	1/2	12	15/16	31/32	9/16	0.75					
6E-316SS	5/8	6	1 3/16	1 1/4	11/16	0.75					
6J-316SS	5/8	12	1 3/16	1 1/4	11/16	1.25					
7E-316SS	3/4	6	1 7/16	1 1/2	13/16	1.10					
7J-316SS	3/4	12	1 7/16	1 1/2	13/16	1.80					
8E-316SS	7/8	6	1 11/16	1 13/16	15/16	1.50					
8J-316SS	7/8	12	1 11/16	1 13/16	15/16	2.60					
10E-316SS	1	6	1 15/16	2 1/32	1 1/16	2.15					
10J-316SS	1	12	1 15/16	2 1/32	1 1/16	3.50					
12J-316SS	1-1/4	12	2 7/16	2 5/8	1 5/16	5.65					

NOTE: Use Rod Ends-304 Stainless, Blank drawing above for reference to dimensions.

Eye Nuts - Style A C1030

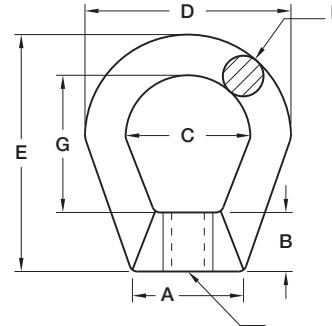
Drop Forged Carbon Steel, Self-Colored

ASTM A105

Tapped: UNC-2B

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style A C1030 Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-3	3/8-16	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.25			
EN-5	1/2-13	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.23			
EN-7	5/8-11	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.56			
EN-8	3/4-10	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.55			

Blanks in stock. Inquire for price.



Style A

Eye Nuts - Style A C1030 - Metric

Drop Forged Carbon Steel, Self-Colored

ASTM A105

Tapped: ISO Coarse Thread-6H

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. in Kgs.	Rated Capty. in Lbs.	Weight Lbs.	(Combination pricing on Style A C1030-Metric Eye Nuts) Price Per Piece		
	Approx. Equiv. in Inches	Dia. & Thread	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-M8	3/8	M8 x 1.25	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	1,225	2,700	0.25		
EN-M10	7/16	M10 x 1.50	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	1,225	2,700	0.24		
EN-M12	1/2	M12 x 1.75	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	1,225	2,700	0.23		
EN-M16	5/8	M16 x 2.00	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	2,268	5,000	0.56		
EN-M18	3/4	M18 x 2.50	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	2,268	5,000	0.55		

Blanks in stock. Inquire for price.

Eye Nuts - Style A C1030 - Galvanized

Drop Forged Carbon Steel

ASTM A105

Tapped oversized: UNC-2B 3/8"-3/4" + 0.21 Thou.

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style A C1030-Galvanized Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-3-HDG	3/8-16	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.25			
EN-5-HDG	1/2-13	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.23			
EN-7-HDG	5/8-11	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.56			
EN-8-HDG	3/4-10	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.55			

Eye Nuts - Style A C1045

Drop Forged Carbon Steel, Self-Colored

ASTM A194-2H

Tapped: UNC-2B

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style A C1045 Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-3-2H	3/8-16	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.25			
EN-5-2H	1/2-13	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.23			
EN-7-2H	5/8-11	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.56			
EN-8-2H	3/4-10	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.55			

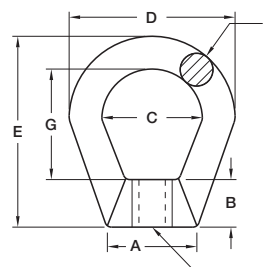
Blanks in stock (Not heat treated). Inquire for price.

Eye Nuts - Style A 304 Stainless

Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A194-8

Tapped: UNC-2B



Style A

(Combination pricing on Style A 304 Stainless Eye Nuts)
Price Per Piece

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	1-499	500-999	1000+
EN-3-SS	3/8-16	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.25			
EN-5-SS	1/2-13	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.23			
EN-7-SS	5/8-11	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.56			
EN-8-SS	3/4-10	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.55			

Blanks in stock (Not passivated or electropolished). Inquire for price.

Eye Nuts - Style A 316 Stainless

Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A194-8M

Tapped: UNC-2B

(Combination pricing on Style A 304 Stainless Eye Nuts)
Price Per Piece

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	1-499	500-999	1000+
EN-3-316SS	3/8-16	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.25			
EN-5-316SS	1/2-13	7/8	5/8	1 1/4	2	2 1/2	3/8	1 1/2	2,700	0.23			
EN-7-316SS	5/8-11	1 3/8	3/4	1 1/2	2 1/2	3	1/2	1 3/4	5,000	0.56			
EN-8-316SS	3/4-10	1 3/8	3/4	1 1/4	2 1/2	3	1/2	1 3/4	5,000	0.55			

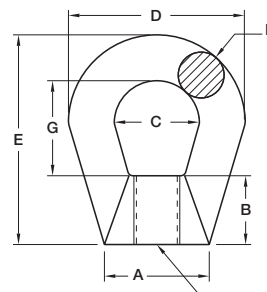
Blanks in stock (Not passivated or electropolished). Inquire for price.

Eye Nuts - Style B C1030

Drop Forged Carbon Steel, Self-Colored

ASTM A105

Tapped: UNC-2B



Style B

(Combination pricing on Style B C1030 Eye Nuts)
Price Per Piece

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	1-499	500-999	1000+
EN-9-HD	7/8-9	2 1/32	1 11/32	1 5/8	3 3/8	3 31/32	7/8	1 3/4	14,400	1.82			
EN-10-HD	1-8	2 9/32	1 11/16	1 3/4	3 3/4	4 27/32	1 1/32	2 3/16	18,800	2.80			
EN-12-HD	1 1/4-7	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	29,400	7.83			
EN-14-HD	1 1/2-6	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	35,600	7.43			

Blanks in stock. Inquire for price.

Eye Nuts - Style B C1030 - Galvanized

Drop Forged Carbon Steel

ASTM A105

Tapped oversized: UNC-2B 7/8" + .021 Thou. / 1"-1 1/2" + 0.31 Thou.

(Combination pricing on Style B C1030-Galvanized Eye Nuts)
Price Per Piece

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	1-499	500-999	1000+
EN-9-HD-HDG	7/8-9	2 1/32	1 11/32	1 5/8	3 3/8	3 31/32	7/8	1 3/4	14,400	1.82			
EN-10-HD-HDG	1-8	2 9/32	1 11/16	1 3/4	3 3/4	4 27/32	1 1/32	2 3/16	18,800	2.80			
EN-12-HD-HDG	1 1/4-7	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	29,400	7.83			
EN-14-HD-HDG	1 1/2-6	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	35,600	7.43			

Eye Nuts - Style B C1045

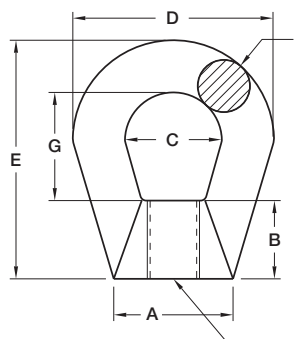
Drop Forged Carbon Steel, Self-Colored

ASTM A194-2H

Tapped: UNC-2B

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style B C1045 Eye Nuts) Price Per Piece		
											1-499	500-999	1000+
EN-9-HD-2H	7/8-9	2 1/32	1 11/32	1 5/8	3 3/8	3 31/32	7/8	1 3/4	14,400	1.82			
EN-10-HD-2H	1-8	2 9/32	1 11/16	1 3/4	3 3/4	4 27/32	1 1/32	2 3/16	18,800	2.80			
EN-12-HD-2H	1 1/4-7	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	29,400	7.83			
EN-14-HD-2H	1 1/2-6	3 1/8	2 7/32	2 1/2	5 1/4	6 5/8	1 3/8	3 1/32	35,600	7.43			

Blanks in stock (Not heat treated). Inquire for price.



Style B

Eye Nuts - Style B 304 Stainless

Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A194-8

Tapped: UNC-2B

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style B 304 Stainless Eye Nuts) Price Per Piece		
											1-499	500-999	1000+
EN-9-HD-SS	7/8-9	2 1/32	1 11/32	1 5/8	3 3/8	3 31/32	7/8	1 3/4	14,400	1.82			
EN-10-HD-SS	1-8	2 9/32	1 11/16	1 3/4	3 3/4	4 27/32	1 1/32	2 3/16	18,800	2.80			

Blanks in stock (Not passivated or electropolished). Inquire for price.

Eye Nuts - Style B 316 Stainless

Drop Forged Stainless Steel, Passivated & Electropolished

ASTM A194-8M

Tapped: UNC-2B

Stock No.	T Dia. & Thread UNC-2B	A Bell	B Thread Length	C Eye I.D.	D Eye O.D.	E Overall Length	F Bail Dia. Thick.	G I.D. Length	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style B 316 Stainless Eye Nuts) Price Per Piece		
											1-499	500-999	1000+
EN-9-HD-316SS	7/8-9	2 1/32	1 11/32	1 5/8	3 3/8	3 31/32	7/8	1 3/4	14,400	1.82			
EN-10-HD-316SS	1-8	2 9/32	1 11/16	1 3/4	3 3/4	4 27/32	1 1/32	2 3/16	18,800	2.80			

Blanks in stock (Not passivated or electropolished). Inquire for price.

Eye Nuts - Style D C1030

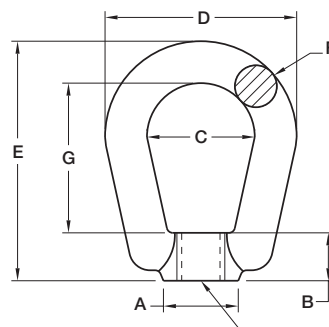
Drop Forged Carbon Steel, Self-Colored

ASTM A105

Tapped: UNC-2B

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style D C1030 Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-9	7/8-9	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.13			
EN-10	1-8	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.10			

Blanks in stock. Inquire for price.



Style D

Eye Nuts - Style D C1030 - Metric

Drop Forged Carbon Steel, Self-Colored

ASTM A105

Tapped: ISO Coarse Thread-6H

Stock No.	Approx. Equiv. in Inches	T	A	B	C	D	E	F	G	Rated Capty. in Kgs.	Rated Capty. in Lbs.	Weight Lbs.	(Combination pricing on Style D C1030-Metric Eye Nuts) Price Per Piece		
		Dia. & Thread	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length				1-499	500-999	1000+
EN-M20	7/8	M20 x 2.50	1 9/16	1	2 1/4	4	5	7/8	3	4,536	10,000	2.13			
EN-M24	1	M24 x 3.00	1 9/16	1	2 1/4	4	5	7/8	3	4,536	10,000	2.10			

Blanks in stock. Inquire for price.

Eye Nuts - Style D C1030 - Galvanized

Drop Forged Carbon Steel

ASTM A105

Tapped oversized: UNC-2B 7/8" +.021 Thous. / 1" +.031 Thous.

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style D C1030-Galvanized Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-9-HDG	7/8-9	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.13			
EN-10-HDG	1-8	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.10			

Eye Nuts - Style D C1045

Drop Forged Carbon Steel, Self-Colored

ASTM A194-2H

Tapped: UNC-2B

Stock No.	T	A	B	C	D	E	F	G	Rated Capty. Lbs.	Weight Lbs.	(Combination pricing on Style D C1045 Eye Nuts) Price Per Piece		
	Dia. & Thread UNC-2B	Bell	Thread Length	Eye I.D.	Eye O.D.	Overall Length	Bail Dia. Thick.	I.D. Length			1-499	500-999	1000+
EN-9-2H	7/8-9	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.13			
EN-10-2H	1-8	1 9/16	1	2 1/4	4	5	7/8	3	10,000	2.10			

Blanks in stock (Not heat treated). Inquire for price.

Machine Shop Tools

For set-up work on tool room machines.

Plain Clamps

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA



Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Weight Lbs.	Price Each
901	4	1 5/8	3/4	11/16	1 3/8	0.90	
902	6	1 3/4	7/8	11/16	2 1/16	1.80	
903	8	2 1/8	1 1/8	13/16	2 13/16	3.75	
904	10	2 1/2	1 3/8	15/16	3 11/16	6.25	

Plain Clamps - Drilled & Tapped with Square Head Set Screw

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA



Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Thread Size	Weight Lbs.	Price Each
901-A	4	1 5/8	3/4	11/16	1 3/8	1/2-13	0.93	
902-A	6	1 3/4	7/8	11/16	2 1/16	5/8-11	1.88	
903-A	8	2 1/8	1 1/8	13/16	2 13/16	3/4-10	3.75	
904-A	10	2 1/2	1 3/8	15/16	3 11/16	7/8-9	6.37	

Goose Neck Clamps

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA



Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Offset	Weight Lbs.	Price Each
940	4	1 5/8	3/4	11/16	15/16	13/16	1.00	
941	6	1 3/4	7/8	11/16	1 11/16	15/16	1.75	
942	8	2 1/8	1 1/8	13/16	2 7/16	1 1/8	3.80	

Goose Neck Clamps - Drilled & Tapped with Square Head Set Screw

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA



Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Offset	Thread Size	Weight Lbs.	Price Each
940-A	4	1 5/8	3/4	11/16	15/16	13/16	5/8-11	1.22	
941-A	6	1 3/4	7/8	11/16	1 11/16	15/16	5/8-11	1.88	
942-A	8	2 1/8	1 1/8	13/16	2 7/16	1 1/8	5/8-11	3.83	

Machine Shop Tools

For set-up work on tool room machines.

Finger Clamps

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA

Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Weight Lbs.	Price Each
930	4	1 5/8	3/4	11/16	1 3/8	0.75	
931	6	1 3/4	7/8	11/16	1 15/16	1.50	
932	8	2 1/8	1 1/8	13/16	2 9/16	3.00	



U Clamps

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA

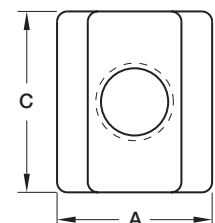
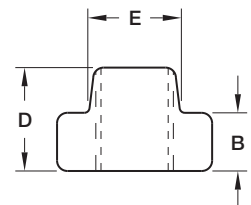
Stock No.	Length	Width	Thickness	Slot Size Width	Slot Size Length	Weight Lbs.	Price Each
920	4	1 3/4	3/4	11/16	3 1/2	1.00	
921	6	2	7/8	11/16	5 1/2	2.00	
922	8	2 3/8	1 1/8	13/16	7 3/8	4.00	
923	10	2 3/4	1 1/4	15/16	9	6.00	
924	12	3 1/4	1 3/8	1 1/16	11	8.00	



T-Slot Nuts

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA
Tapped: UNC-2B

Stock No.	E T-Slot Size	Stud Dia. & Thread UNC-2B	A Width	B Shoulder Height	C Length	D Overall Height	Weight Lbs.	Price Each
955	5/8	1/2-13	1 1/8	13/32	1 1/4	3/4	0.18	
956	3/4	5/8-11	1 5/16	17/32	1 1/2	7/8	0.30	
957	7/8	3/4-10	1 1/2	9/16	1 3/4	1	0.42	
958	1	7/8-9	1 3/4	5/8	2	1 1/8	0.63	
960	1 1/4	1-8	2	7/8	2 3/8	1 11/32	1.11	





Machine Shop Tools

For set-up work on tool room machines.

Strap Clamps - Universal Adjustable Pattern

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA

Stock No.	Length	Width	Adjustment	Max T-Slot Bolt Size	Weight Lbs.	Price Each
910	5 1/16	1 5/8	2 1/4	5/8	1.30	
911	8	2 1/8	4	3/4	3.10	
912	12	2 3/4	6 1/4	1	9.80	



Saddles for Universal Adjustable Strap Clamps

Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA

Stock No.	Length	Width	Max T-Slot Bolt Size	Weight Lbs.	Price Each
910-A	1 5/16	1 1/2	5/8	0.20	
911-A	1 1/2	1 3/4	3/4	0.28	
912-A	2 1/8	2 1/2	1	0.75	



Set-Up Wedges

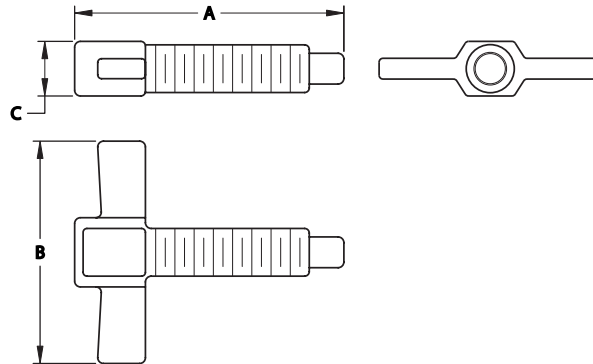
Drop Forged Carbon Steel, Self-Colored
ASTM A521, Class CA

Stock No.	Length	Width	Thick End	Weight Lbs.	Price Each
950	3	1	1/4	0.15	
951	5	1	1/2	0.33	
952	6	1 1/4	3/4	0.63	
953	8	1 5/8	1	1.55	

C-Clamp Screws - Zinc Plated

Drop Forged Carbon Steel
ASTM A181, Class 70
Threaded: UNC-2A

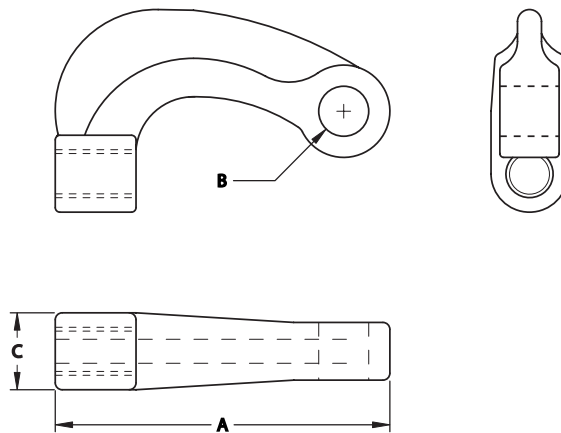
Stock No.	Dia. & Thread UNC-2A	A Length	B Width	C Thickness	Weight Lbs.	Price Per Piece		
						1-99	100-499	500+
K9500	1/2-13	2 1/2	2 17/64	41/64	0.18			
K9625	5/8-11	3 31/64	2 7/8	23/32	0.38			
K9750	3/4-10	2 31/32	2 31/32	27/32	0.67			



C-Clamps - Zinc Plated

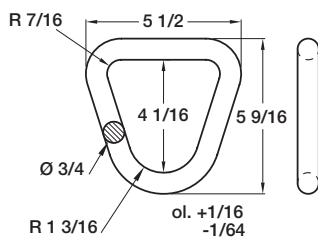
Drop Forged Carbon Steel
ASTM A181, Class 70
Tapped: UNC-2B

Stock No.	Dia. & Thread UNC-2A	A Length	B Hole Dia.	C Thickness	Weight Lbs.	Price Per Piece		
						1-99	100-499	500+
K8500	1/2-13	3 9/32	29/64	25/32	0.39			
K8625	5/8-11	4 11/32	21/32	1 1/32	0.95			
K8750	3/4-10	5 1/2	23/32	1 1/4	2.00			





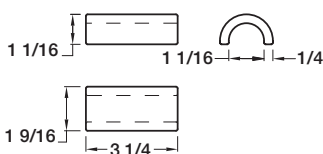
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D-Ring 898

Drop Forged Carbon Steel, Self-Colored
ASTM A668, Class D
75,000 PSI MIN.

Stock No.	Material	Rated Capty. Lbs.	Breaking Strength Lbs.	Weight Lbs.	Price Per Piece			
					1-4	5-24	25-99	100+
898	C1040/1045	7,300	36,500	2.15				



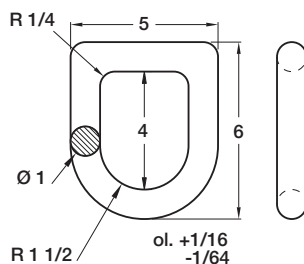
D-Ring Clip 898-A

Blanked Cold Rolled Carbon Steel, Self-Colored

Stock No.	Material	Weight Lbs.	Price Per Piece			
			1-4	5-24	25-99	100+
898-A	C1020	0.56				



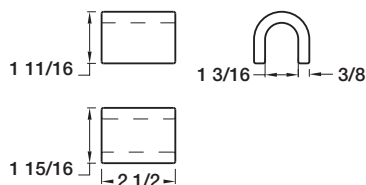
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D-Ring 897

Drop Forged Carbon Steel, Self-Colored
ASTM A668, Class D
75,000 PSI MIN.

Stock No.	Material	Rated Capty. Lbs.	Breaking Strength Lbs.	Weight Lbs.	Price Per Piece			
					1-4	5-24	25-99	100+
897	C1045	17,000	85,000	3.70				



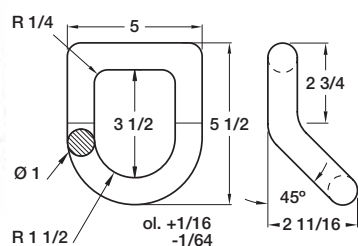
D-Ring Clip 897-A

Blanked Cold Rolled Carbon Steel, Self-Colored

Stock No.	Material	Weight Lbs.	Price Per Piece			
			1-4	5-24	25-99	100+
897-A	C1020	1.10				



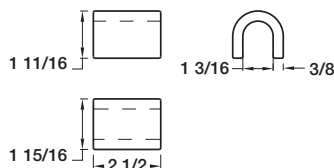
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D-Ring 899 - Bent

Drop Forged Carbon Steel, Self-Colored
ASTM A668, Class D
75,000 PSI MIN.

Stock No.	Material	Rated Capty. Lbs.	Breaking Strength Lbs.	Weight Lbs.	Price Per Piece			
					1-4	5-24	25-99	100+
899	C1045	17,000	85,000	3.70				



D-Ring Clip 899-A

Blanked Cold Rolled Carbon Steel, Self-Colored

Stock No.	Material	Weight Lbs.	Price Per Piece			
			1-4	5-24	25-99	100+
899-A	C1020	1.10				

Safety Swivel Hoist Rings - Standard U-Bar

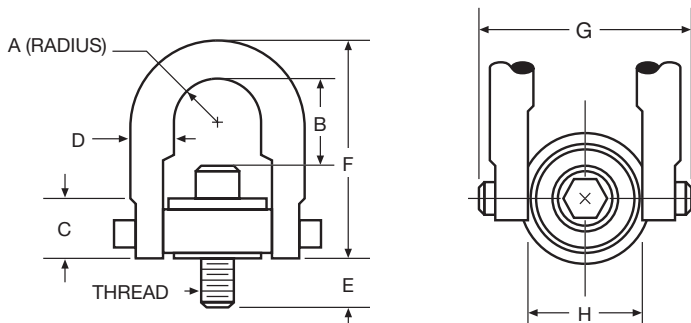
Stock No.	Rated Capty. Lbs.	Dia. & Thread UNC-2A	A	C	D	E	B	F	G	H	Torque Ft / #	Weight Lbs.	Price Each
HR6102	800	5/16-18	0.43	0.71	3/8	0.29	1.27	2.67	1.84	1.00	7	0.30	
HR6104	800	5/16-18	0.43	0.71	3/8	0.54	1.27	2.67	1.84	1.00	7	0.30	
HR6106	1,000	3/8-16	0.43	0.71	3/8	0.54	1.27	2.67	1.84	1.00	12	0.30	
HR6602	2,500	1/2-13	0.70	0.93	1/2	1.07	1.84	3.77	2.58	1.49	28	1.00	
HR6008	2,500	1/2-13	0.88	1.22	3/4	0.78	2.31	4.78	3.52	1.99	28	2.60	
HR6010	2,500	1/2-13	0.88	1.22	3/4	1.03	2.31	4.78	3.52	1.99	28	2.60	
HR6012	2,500	1/2-13	0.88	1.22	3/4	1.28	2.31	4.78	3.52	1.99	28	2.60	
HR6002	4,000	5/8-11	0.88	1.22	3/4	0.78	2.18	4.78	3.52	1.99	60	2.60	
HR6004	4,000	5/8-11	0.88	1.22	3/4	1.03	2.18	4.78	3.52	1.99	60	2.60	
HR6006	4,000	5/8-11	0.88	1.22	3/4	1.28	2.18	4.78	3.52	1.99	60	2.60	
HR6014	5,000	3/4-10	0.88	1.22	3/4	1.03	2.06	4.78	3.52	1.99	100	3.00	
HR6018	5,000	3/4-10	0.88	1.22	3/4	1.53	2.06	4.78	3.52	1.99	100	3.00	
HR6204	7,000	3/4-10	1.40	1.71	1	1.04	3.06	6.52	5.14	3.00	100	7.00	
HR6206	7,000	3/4-10	1.40	1.71	1	1.54	3.06	6.52	5.14	3.00	100	7.00	
HR6202	8,000	7/8-9	1.40	1.71	1	1.04	2.93	6.52	5.14	3.00	160	7.00	
HR6210	10,000	1-8	1.40	1.71	1	1.29	2.81	6.52	5.14	3.00	230	7.50	
HR6212	10,000	1-8	1.40	1.71	1	1.54	2.81	6.52	5.14	3.00	230	7.50	
HR6214	10,000	1-8	1.40	1.71	1	2.29	2.81	6.52	5.14	3.00	230	7.50	
HR6802	15,000	1 1/4-7	1.75	2.11	1 1/4	1.89	4.12	8.73	6.50	3.76	470	14.00	
HR6404	24,000	1 1/2-6	2.25	2.81	1 3/4	2.70	6.41	12.47	8.55	4.87	800	34.00	
HR6400	30,000	2-4 1/2	2.25	2.81	1 3/4	2.96	5.91	12.47	8.55	4.87	800	36.00	
HR7002	50,000	2 1/2-8	3.00	4.09	2 1/4	4.00	8.03	16.87	11.67	6.52	2100	88.00	*
HR7006	50,000	2 1/2-4	3.00	4.09	2 1/4	4.00	8.03	16.87	11.67	6.52	2100	88.00	*
HR7200	75,000	3-4	3.75	5.27	2 3/4	5.00	8.48	19.50	14.15	8.10	4300	166.00	*
HR7402*	100,000	3 1/2-4	4.00	6.06	3 1/4	7.00	9.28	22.09	15.90	8.60	5100	265.00	*

* Available upon request. Inquire for price & delivery.

Safety Swivel Hoist Rings - Long U-Bar

Stock No.	Rated Capty. Lbs.	Dia. & Thread UNC-2A	A	C	D	E	B	F	G	H	Torque Ft / #	Weight Lbs.	Price Each
HR6644	2,500	1/2-13	0.88	1.22	3/4	0.78	4.25	6.72	3.52	1.99	28	2.60	
HR6646	2,500	1/2-13	0.88	1.22	3/4	1.03	4.25	6.72	3.52	1.99	28	2.60	
HR6648	2,500	1/2-13	0.88	1.22	3/4	1.28	4.25	6.72	3.52	1.99	28	2.60	
HR6640	4,000	5/8-11	0.88	1.22	3/4	1.03	4.12	6.72	3.52	1.99	60	2.60	
HR6642	4,000	5/8-11	0.88	1.22	3/4	1.28	4.12	6.72	3.52	1.99	60	2.60	
HR6650	5,000	3/4-10	0.88	1.22	3/4	1.03	4.00	6.72	3.52	1.99	100	3.00	
HR6654	5,000	3/4-10	0.88	1.22	3/4	1.53	4.00	6.72	3.52	1.99	100	3.00	
HR6658	7,000	3/4-10	1.40	1.71	1	1.04	4.65	8.11	5.14	3.00	100	7.00	
HR6660	7,000	3/4-10	1.40	1.71	1	1.54	4.65	8.11	5.14	3.00	100	7.00	
HR6656	8,000	7/8-9	1.40	1.71	1	1.04	4.52	8.11	5.14	3.00	160	7.00	
HR6662	10,000	1-8	1.40	1.71	1	1.29	4.40	8.11	5.14	3.00	230	7.50	
HR6664	10,000	1-8	1.40	1.71	1	1.54	4.40	8.11	5.14	3.00	230	7.50	
HR6666	10,000	1-8	1.40	1.71	1	2.29	4.40	8.11	5.14	3.00	230	7.50	

Material: AISI 4140 Aircraft Quality
Finish: Black Oxide Per Mil Spec
Safety Factor: 5:1
100% Magnetic particle inspected
Certified Heat Treatment
Working Action: 360° Swivel, 180° Pivot
200% Proof-Load test on all hoist rings.



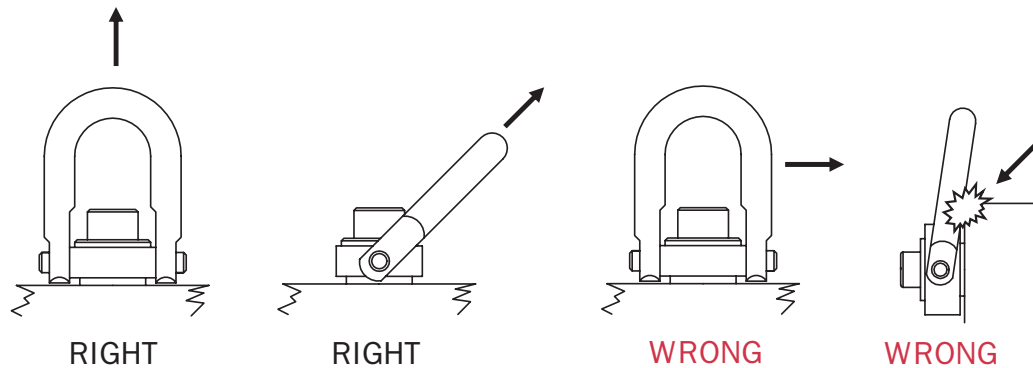
Safety Swivel Hoist Rings - Metric, Specials & Stainless

Available upon request. Inquire for price & delivery.

Safety Swivel Hoist Rings Safety Precautions

AS WITH ALL MECHANICAL DEVICES, REGULAR INSPECTION FOR WEAR AND STRICT ADHERENCE TO USE INSTRUCTION IS NECESSARY TO PREVENT MISUSE FAILURE.

- Regardless of the 5:1 safety factor on hoist rings, **NEVER EXCEED THE RATED CAPACITY.** This safety margin is needed in case of misuse, which could drastically lower load capacity.
- Make sure the hoist ring pivots and rotates in all directions freely.
- Tighten mounting screws to torque recommended. Periodically check torque because screws could loosen in extended service.
- Do not apply shock loads. Always lift gradually. Repeat magnaflux testing if shock loading ever occurs.
- Tensile strength of parent material should be above 80,000 PSI to achieve full load rating. For weaker material, consider through-hole mounting with a nut and washer on the other side.



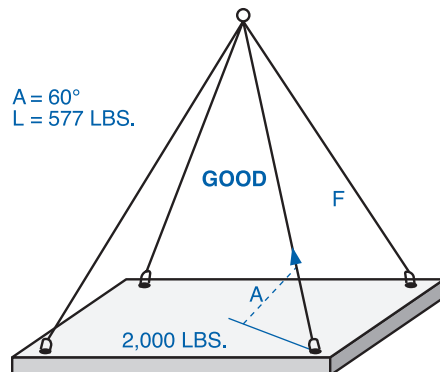
IMPORTANT: The load on each hoist ring is not simply total weight divided by the number of hoist rings. The resultant force can be significantly greater at shallow lift angles and unevenly distributed loads. See the example.

L = LOAD
W = TOTAL WEIGHT (2,000 LBS.)
N = NUMBER OF HOIST RINGS (4)
A = LIFTING ANGLE

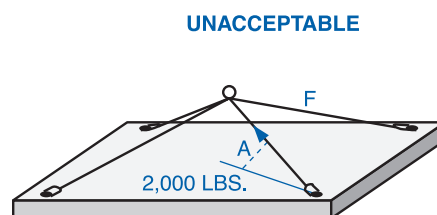
$$L = \frac{W}{N \sin A}$$

$$\text{IF } A=60^\circ, L = \frac{2,000}{4 \sin 60} = 577 \text{ LBS.}$$

$$\text{IF } A=20^\circ, L = \frac{2,000}{4 \sin 20} = 1,462 \text{ LBS.}$$



A = 20°
L = 1,426 LBS.



FORGExpress Quote Inquiry - Eyebolts

Quote Number: _____

Ken Forging Contact: _____

Date: _____

From: _____

Outside Sales Rep: _____

Customer #: _____

Phone: _____

Company: _____

Fax: _____

Address: _____

P.O.#: _____

Contact: _____

Your Part #: _____

Customer's Approval: **X** _____

**Special Modified/Custom Orders Can
Not Be Returned**

A Shank Diameter _____ *Nominal*

B Shank Length _____ $+.060$
 $-.000$

C Eye Inside Diameter (ID) _____

D Eye Outside Diameter (OD) _____ *Nominal*

E Threaded Length _____ $+.060$
 $-.000$

F Sectional Diameter _____

Note: Dimensional tolerances listed are in inches unless otherwise noted.

Thread Type: _____ UNC-2A* _____ UNF-2A*
*UN-2A Fit Before Plating

Other: _____

☐ Right Hand Thread ☐ Left Hand Thread

Material:

☐ C1030/C1035 ☐ 304 Stainless
☐ 8620 Alloy ☐ 316 Stainless
☐ Other: _____

Certification:

☐ C of C ☐ Cert. Test Report
☐ Material Cert. ☐ Plating Cert.
☐ Other: _____

Permissible Quantity Variation

Quantity	Over	Under
1-99	10%	3%
100-999	5%	3%
1000+	3%	3%

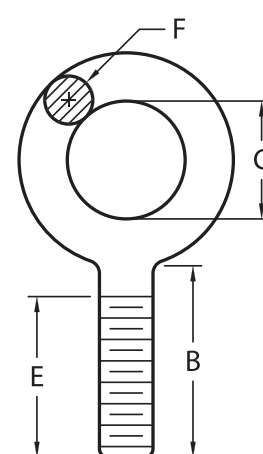
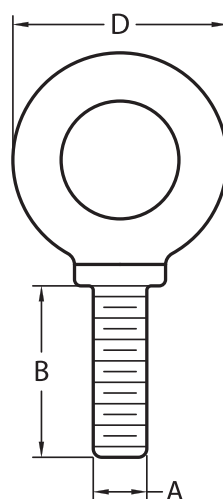
☐ **Exact Quantity Requested***

* Exact Quantity Request may affect Cost/Each

Additional Requirements/Comments:

☐ Shoulder Pattern

☐ Plain Pattern



Plating:*

☐ Zinc ☐ Passivate
☐ Galvanized ☐ Electropolish
☐ Black Oxide
☐ Other: _____

*UN-2A Fit Before Plating

Please Quote the Following:

Quantity	Cost/Each
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

Price Quoted Applies to Above Quantities Only

Pricing valid through _____

Lead Time: _____ Working Days

Note: Pricing & Availability Reflects Steel Pricing &
Availability at Time of Order



FORGExpress Quote Inquiry - Nut Eyebolts

Quote Number: _____

Ken Forging Contact: _____

Date: _____

From: _____

Outside Sales Rep: _____

Customer #: _____

Phone: _____

Company: _____

Fax: _____

Address: _____

P.O.#: _____

Contact: _____

Your Part #: _____

Customer's Approval: **X** _____

Special Modified/Custom Orders Can Not Be Returned

A Shank Diameter _____ $\begin{matrix} +.090 \\ -.030 \end{matrix}$

B Shank Length _____ $\begin{matrix} +.060 \\ -.000 \end{matrix}$

C Eye Inside Diameter (ID) _____ $\begin{matrix} +.090 \\ -.030 \end{matrix}$

D Eye Outside Diameter (OD) _____ $\begin{matrix} +.090 \\ -.030 \end{matrix}$

E Threaded Length _____ $\begin{matrix} +.060 \\ -.000 \end{matrix}$

Note: Dimensional tolerances listed are in inches unless otherwise noted.

Hex Nut: ☐ Included ☐ Not Included

Thread Type: _____ UNC-2A* _____ UNF-2A*

*UN-2A Fit Before Plating

Other: _____

☐ Right Hand Thread ☐ Left Hand Thread

Material:

☐ C1030/C1035

☐ 304 Stainless

☐ 4140 Alloy

☐ 316 Stainless

☐ Other: _____

Certification:

☐ C of C

☐ Cert. Test Report

☐ Material Cert.

☐ Plating Cert.

☐ Other: _____

Permissible Quantity Variation

Quantity	Over	Under
1-99	10%	3%
100-999	5%	3%
1000+	3%	3%

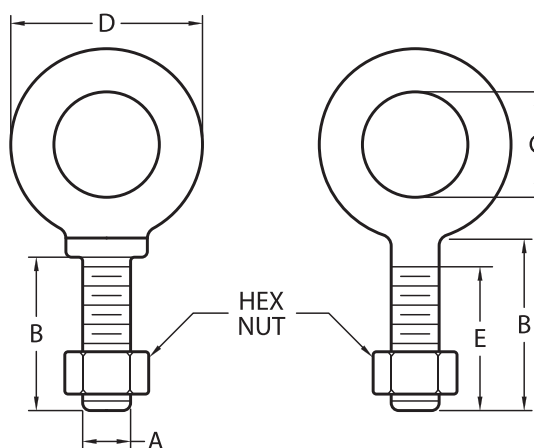
☐ **Exact Quantity Requested***

*Exact Quantity Request may affect Cost/Each

Additional Requirements/Comments:

☐ Shoulder Pattern

☐ Plain Pattern



Note: These Eyebolts are "As-Forged" and have not been heat treated. This product has been tested and proved to meet the following Rated Capacity: _____

Plating:

☐ Galvanized

☐ Passivate

☐ Zinc

☐ Electropolish

☐ Black Oxide

☐ Other: _____

*UN-2A Fit Before Plating

Please Quote the Following:

Quantity	Cost/Each
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

Price Quoted Applies to Above Quantities Only

Pricing valid through _____

Lead Time: _____ Working Days

Note: Pricing & Availability Reflects Steel Pricing & Availability at Time of Order

FORGExpress Quote Inquiry - Rod Ends

Quote Number: _____

Ken Forging Contact: _____

Date: _____

From: _____

Outside Sales Rep: _____

Customer #: _____

Phone: _____

Company: _____

Fax: _____

Address: _____

P.O.#: _____

Contact: _____

Your Part #: _____

Customer's Approval: **X** _____

Special Modified/Custom Orders Can Not Be Returned

A Shank Diameter* _____ +.060
- .000

* Rod Ends may measure slightly larger at junction of shank and boss.

B Center of Eye to End _____ +.060
- .000

C Head O.D.* _____ +.060
- .000

*Head O.D. is measured over the Parting/Trim Line

D Head Thickness _____ +.032
- .015

E Hole I.D. _____ ±.010

F Threaded Length _____ +.060
- .000

Note: Dimensional tolerances listed are in inches unless otherwise noted.

Thread Type: _____ UNC-2A* _____ UNF-2A*

*UN-2A Fit Before Plating

Other: _____

☐ Right Hand Thread ☐ Left Hand Thread

Material:

☐ C1030/C1035 ☐ 4140 alloy

☐ 304 Stainless ☐ 316 Stainless

☐ Other: _____

Certification:

☐ C of C ☐ Cert. Test Report

☐ Material Cert. ☐ Plating Cert.

☐ Other: _____

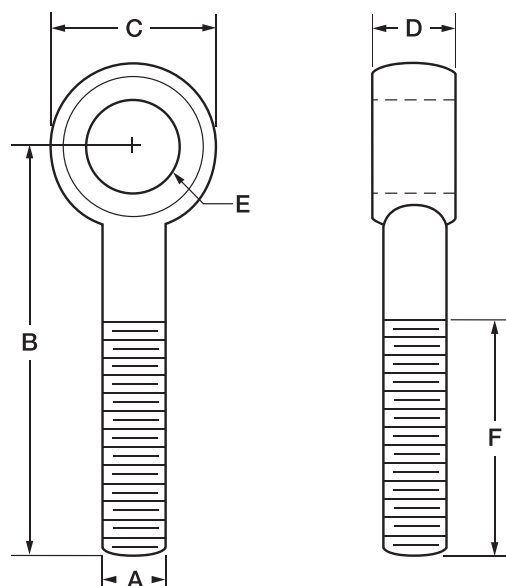
Permissible Quantity Variation

Quantity	Over	Under
1-99	10%	3%
100-999	5%	3%
1000+	3%	3%

☐ **Exact Quantity Requested***

* Exact Quantity Request may affect Cost/Each

Additional Requirements/Comments: _____



Plating:*

☐ Zinc ☐ Passivate

☐ Galvanized ☐ Electropolish

☐ Black Oxide

☐ Other: _____

*UN-2A Fit Before Plating

Please Quote the Following:

Quantity	Cost/Each
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

Price Quoted Applies to Above Quantities Only

Pricing valid through _____

Lead Time: _____ Working Days

Note: Pricing & Availability Reflects Steel Pricing & Availability at Time of Order

FORGExpress Quote Inquiry - Turnbuckle Assemblies

Quote Number: _____

Ken Forging Contact: _____

Date: _____

From: _____

Outside Sales Rep: _____

Customer #: _____

Phone: _____

Company: _____

Fax: _____

Address: _____

P.O.#: _____

Contact: _____

Your Part #: _____

Customer's Approval: **X** _____

Special Modified/Custom Orders Can Not Be Returned

A Thread Diameter _____

T Take-Up _____

L Over-All Length _____

E End Pull Length

R.H. OAL _____ Thread Length _____

L.H. OAL _____ Thread Length _____

Note: Dimensional tolerances listed are in inches unless otherwise noted.

Thread Type: _____ UNC-2B* _____ UNF-2B*

*Galvanized Tapped Oversized

Other: _____

☐ Right Hand Thread ☐ Left Hand Thread

Material:

☐ Mild Carbon Steel ☐ F-11 Alloy

☐ F-22 Alloy ☐ 316 Stainless

☐ Other: _____

Certification:

☐ C of C ☐ Cert. Test Report

☐ Material Cert. ☐ Plating Cert.

☐ Other: _____

Permissible Quantity Variation

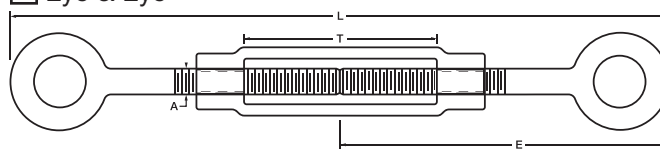
Quantity	Over	Under
1-99	10%	3%
100-999	5%	3%
1000+	3%	3%

☐ **Exact Quantity Requested***

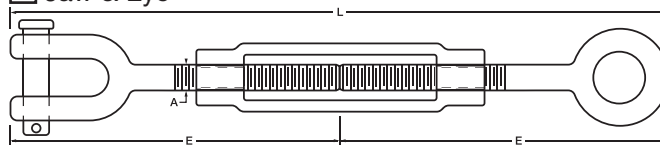
*Exact Quantity Request may affect Cost/Each

Additional Requirements/Comments:

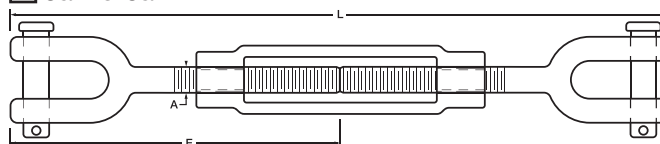
☐ Eye & Eye



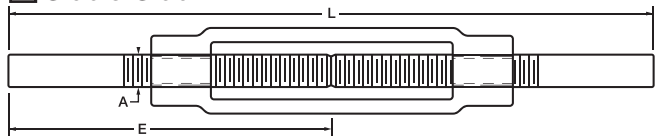
☐ Jaw & Eye



☐ Jaw & Jaw



☐ Stub & Stub



Plating:

☐ Zinc ☐ Passivate
☐ Galvanized* ☐ Electropolish
☐ Black Oxide
☐ Other: _____

*Galvanized tapped oversized

Please Quote the Following:

Quantity	Cost/Each
_____	\$ _____
_____	\$ _____
_____	\$ _____

Price Quoted Applies to Above Quantities Only

Pricing valid through _____

Lead Time: _____ Working Days

Note: Pricing & Availability Reflects Steel Pricing & Availability at Time of Order

KEN FORGING

NOTES:



1049 Griggs Rd. • Box 277 • Jefferson, Ohio 44047

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Website: www.kenforging.com • E-mail: sales@kenforging.com / info@kenforging.com





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