

Shoulder & Plain Eyebolts

Material Data:

Grade C1030

Mechanical Properties:

Tensile Strength . . . 65,000 -90,000 psi

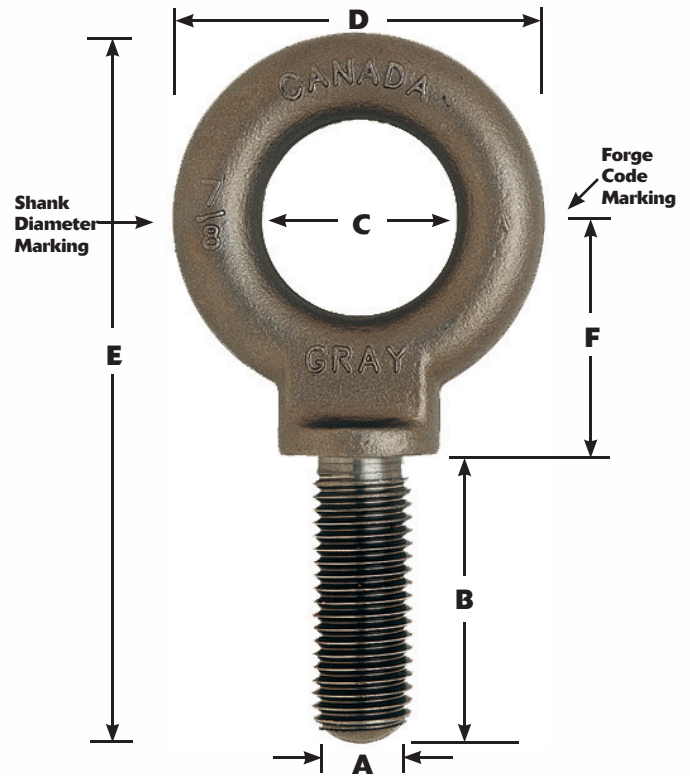
Yield 30,000 psi min.

Elongation 30% min.

Reduction of Area 60% min.

Shoulder Pattern

Forged - Carbon Steel - Self Colored



WARNING

RATED CAPACITY LIMIT IS DRASTICALLY REDUCED WHEN LOADING AT ANY ANGLE. LOADING MUST NEVER BE MADE AT AN ANGLE GREATER THAN 45° FROM BOLT CENTERLINE. AT AN ANGLE OF 45° RATED CAPACITY IS REDUCED TO 1/4 OF THE TABULATED VALUE.

Direction of Pull	Rated Capacity
45 degrees	30% of rated capacity
90 degrees	25% of rated capacity

ANGULAR LIFTING USING PLAIN PATTERN EYEBOLTS IS NOT RECOMMENDED.

Part No.	Thread Size UNC-2A A	Shank Length B	I.D. Eye C	O.D. Eye D	Overall Length E	Center of Eye to Shdr. F	Approx. Weight per Piece	Rated Capacity lbs.
BS08	1/4-20	1	3/4	13/16	23/8	3/4	0.04	650
BS10	5/16-18	1 1/8	7/8	17/16	2 13/16	15/16	0.09	1,200
BS12	3/8-16	1 1/4	1	1 11/16	3 9/32	1 1/8	0.17	1,550
BS14	7/16-14	1 3/8	1 1/16	1 13/16	3 9/16	1 1/4	0.24	2,000
BS16	1/2-13	1 1/2	1 3/16	2 1/8	3 31/32	1 3/8	0.38	2,600
BS18	9/16-12	1 5/8	1 1/4	2 5/16	4 1/2	1 9/16	0.51	3,200
BS20	5/8-11	1 3/4	1 3/8	2 9/16	4 3/4	1 21/32	0.71	5,200
BS24	3/4-10	2	1 1/2	2 13/16	5 1/4	1 13/16	0.99	7,200
BS28	7/8-9	2 1/4	1 11/16	3 3/16	5 31/32	2 1/8	1.48	10,600
BS32	1-8	2 1/2	1 13/16	3 9/16	6 5/8	2 5/16	2.20	13,300
BS36	1 1/8-7	2 3/4	2	4 1/16	7 21/32	2 11/16	3.20	17,000
BS40	1 1/4-7	3	2 3/16	4 7/16	8 7/32	2 15/16	4.40	21,000
BS48	1 1/2-6	3 1/2	2 1/2	5 3/16	9 15/32	3 5/16	7.40	24,000
BS56	1 3/4-5	3 3/4	2 7/8	6	10 13/16	4	11.80	32,000
BS64	2-4 1/2	4	3 3/8	6 7/8	11 7/8	4 3/8	17.20	40,000

Dimensions in Inches
Weights in Pounds

Note: Rated capacity is for 0° vertical pulls. Never apply loads greater than Rated Capacity to any eyebolt. Proof tested in accordance with ASTM A489 and Federal Spec. ANSI B18.15. Traceability and Mechanical test values are available with each shipment upon request.