OCHO
NINGBO

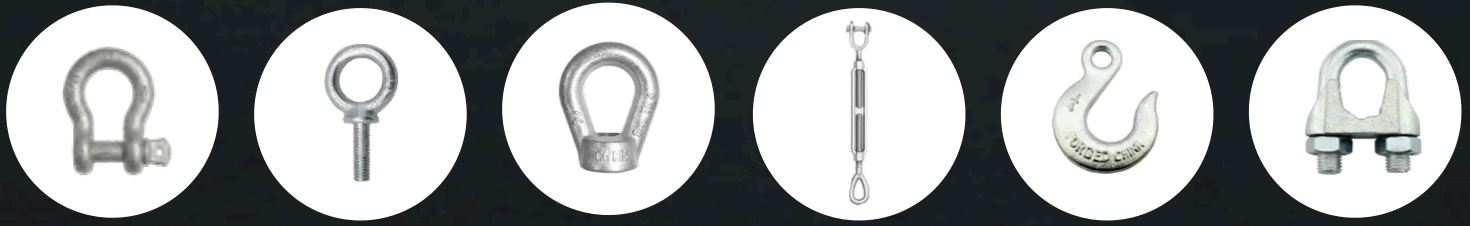
TENT HARDWARE & RIGGING CATALOG

Hardware for Tents, Temporary Structures & Outdoor Applications

CE RoHS ASME SETTING THE STANDARD

2026 EDITION

NINGBO OCHO
INTERNATIONAL TRADE CO.,LTD



ABOUT US

Your Reliable Partner for Tent Hardware & Rigging

NINGBO OCHO INTERNATIONAL TRADE CO., LTD. is a professional exporter of hardware, rigging and fixing products for tents, temporary structures and outdoor applications.
Working with experienced manufacturers across China, we provide a wide range of standard and customized products, including shackles, turnbuckles, eye bolts, wire rope fittings, ratchet straps, fixing pins, steel stakes and other tent hardware.

Tent & Temporary Structure Focus

Hardware for tent installation, tensioning, anchoring, connection and securing applications.

Flexible Product Supply

Standard and customized sizes, materials, surface finishes and packaging are available for different projects and markets.

Reliable Supply Chain

Multiple product categories from one supplier, with quality control, consolidated shipment and stable delivery.

Quality Control & Testing

Product inspection and testing can be carried out according to product specifications and customer requirements.

www.kason-ocho.com | Contact us: leo@kason-ocho.com

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01 | Tent Anchoring & Ground Fixing



Tent Anchoring & Ground Fixing

Hole-Head Ground Stake
Round-Head Heavy Duty Stake
Double-Ring Stake
Smooth Slim Wire Stake
U-Type Rebar Ground Stake
Eye-Bolt Ground Stake
J-Type Rebar Ground Stake

Shaft Diameter (mm / inch)	Total Length (mm / inch)	Head Structure & Dimensions	Tip Type	Surface Finish	Unit Weight (kg)
10 mm (3/8")	200 mm (8")	Flat Top Integrated (Φ 22 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.15
10 mm (3/8")	300 mm (12")	Flat Top Integrated (Φ 22 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.22
12 mm (1/2")	300 mm (12")	Flat Top Integrated (Φ 25 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.28
12 mm (1/2")	450 mm (18")	Flat Top Integrated (Φ 25 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.41
12 mm (1/2")	600 mm (24")	Flat Top Integrated (Φ 25 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.54
16 mm (5/8")	300 mm (12")	Flat Top Integrated (Φ 32 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.48
16 mm (5/8")	450 mm (18")	Flat Top Integrated (Φ 32 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.72
16 mm (5/8")	600 mm (24")	Flat Top Integrated (Φ 32 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	0.96
16 mm (5/8")	750 mm (30")	Flat Top Integrated (Φ 32 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	1.2
19 mm (3/4")	450 mm (18")	Flat Top Integrated (Φ 38 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	1.02
19 mm (3/4")	600 mm (24")	Flat Top Integrated (Φ 38 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	1.36
19 mm (3/4")	750 mm (30")	Flat Top Integrated (Φ 38 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	1.7
19 mm (3/4")	900 mm (36")	Flat Top Integrated (Φ 38 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	2.05
22 mm (7/8")	750 mm (30")	Flat Top Integrated (Φ 44 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	2.28
22 mm (7/8")	1000 mm (39")	Flat Top Integrated (Φ 44 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	3.04
25 mm (1")	750 mm (30")	Flat Top Integrated (Φ 50 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	2.95
25 mm (1")	1000 mm (39")	Flat Top Integrated (Φ 50 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	3.93
28 mm (1-1/8")	1000 mm (39")	Flat Top Integrated (Φ 55 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	4.93
32 mm (1-1/4")	1200 mm (47")	Flat Top Integrated (Φ 65 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	7.58
38 mm (1-1/2")	1500 mm (59")	Flat Top Integrated (Φ 75 mm)	Conical Tip	Electro-Galvanized/Hot-Dip Galvanized/Black Oxide	13.48









02 | Strapping & Tie-Down Systems



Ratchet Strap

Modular System: Available in various lengths, webbing widths, and custom end hardware configurations.
Heavy-Duty Construction: High-tensile polyester webbing paired with premium stainless steel / alloy hardware.
Industrial Standard: Engineered for high breaking strength, superior abrasion resistance, and maximum cargo security.

Webbing Strap

Material: High-tenacity Polyester
Features:Abrasion-resistant, high tensile strength, heavy-duty stitching
Applications: Cargo securing, truck & trailer transport, industrial bundling, outdoor equipment



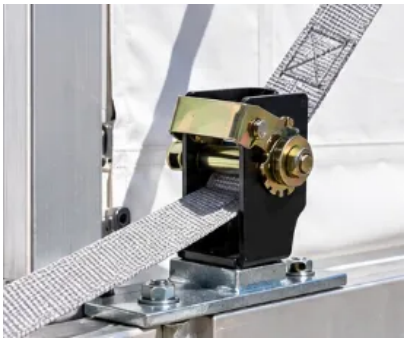
Anchor Winch Complete



Anchor Winch Catenary Tensioner











Ring Ball Lock Pin

Nominal Diameter: 3-20mm
Material Grade: Carbon Steel Q235, Stainless Steel
Nominal Length: 25-150
Surface Treatment: Plating (White Zinc, Blue-White Zinc, Black Zinc, Yellow Zinc, Chrome, Nickel) / Electrophoresis



Aluminum Alloy Carabiner



Webbing Connector Plate



304 Stainless Steel Ring



Safety Wire Lock Pins



US Type Stainless Steel Hose Clamps



US Type Handle Stainless Steel Hose Clamps

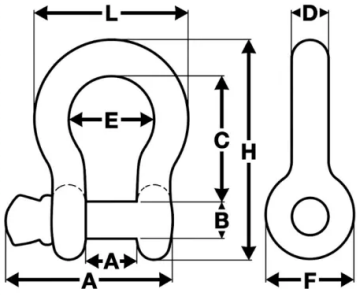


04 SHACKLE



G209

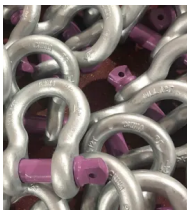
Screw Pin Anchor Shackle
Carbon Steel
Alloy Pin
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized
Powder Coated
Safety Factor 4:1 / 6:1
OEM / Customization





Size (in)	WLL (t)	A	B	A	B	A	B	A	B	A	Weight (kg)
3/16	0.33	9.70	6.40	22.40	4.80	15.20	14.20	37.30	24.90	28.40	0.03
1/4	0.50	11.90	7.90	28.70	6.40	19.80	15.50	46.70	32.50	35.10	0.05
5/16	0.75	13.50	9.70	30.90	7.90	21.30	19.10	53.10	37.30	42.20	0.09
3/8	1.00	16.80	11.20	36.60	9.70	26.20	23.10	63.20	45.20	51.50	0.14
7/16	1.50	19.10	12.70	42.90	11.20	29.50	26.90	73.90	51.60	60.50	0.17
1/2	2.00	20.60	16.00	47.80	12.70	33.30	30.20	83.30	58.70	68.50	0.33
5/8	3.25	26.90	19.10	60.50	16.00	42.90	38.10	106.40	74.70	85.00	0.62
3/4	4.75	31.80	22.40	71.40	19.10	50.80	45.00	126.20	88.90	101.00	1.07
7/8	6.50	36.60	25.40	84.10	22.40	57.90	53.10	148.10	102.40	114.00	1.64
1.00	8.50	42.90	28.70	95.30	25.40	68.30	60.50	166.60	119.10	129.00	2.28
1-1/8	9.50	46.00	31.80	108.00	28.70	73.90	68.30	189.70	131.10	142.00	3.36
1-1/4	12.00	51.60	35.10	119.10	31.80	82.60	76.20	209.60	146.10	156.00	4.31
1-3/8	13.50	57.20	38.10	133.40	35.10	92.20	84.10	232.70	162.10	174.00	6.14
1-1/2	17.00	60.50	41.40	140.10	38.10	98.60	92.20	254.00	174.80	187.00	7.80
1-3/4	25.00	73.20	50.70	177.80	44.50	127.00	106.40	313.40	225.00	231.00	12.60
2.00	35.00	82.60	57.20	196.90	50.80	146.10	122.20	347.50	253.20	263.00	20.41
2-1/2	55.00	104.90	70.00	266.70	66.50	184.20	144.50	453.10	326.80	330.00	38.90



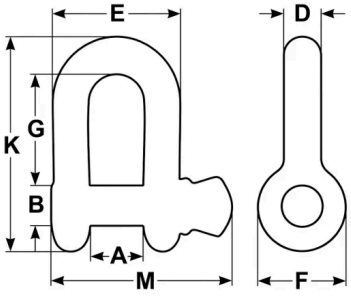






G210

Screw Pin Chain Shackle
Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized
Powder Coated
Safety Factor 4:1 / 6:1
OEM / Customization





Size (in)	WLL (t)	A	B	D	E	F	G	K	M	Weight (kg)
1/4	0.5	12	7.9	6.4	23.9	15.5	22.4	40.4	35.1	0.05
5/16	0.75	13.5	9.7	7.9	29.5	19.1	26.2	48.5	42.2	0.08
3/8	1	16.8	11.2	9.7	35.8	23.1	31.8	58.4	51.6	0.13
7/16	1.5	19.1	12.7	11.2	41.4	26.9	36.6	67.6	60.6	0.2
1/2	2	20.6	16	12.7	45	30.2	41.4	77	68.3	0.27
5/8	3.25	27	19	16	58.7	38.1	50.8	95.3	84.8	0.57
3/4	4.75	31.8	22.4	19.1	69.9	46	60.5	115.1	100.8	1.19
7/8	6.5	36.6	25.4	22.4	81	53.1	71.4	135.1	114.3	1.43
1	8.5	43	28.7	25.4	93.7	60.5	81	150.9	128.8	2.15
1-1/8	9.5	46	31.8	28.7	103.1	68.3	90.9	172.2	142	3.06
1-1/4	12	51.6	35.1	31.8	115.1	76.2	100.1	190.5	156.5	4.11
1-3/8	13.5	57.2	38.1	35.1	127	84.1	111.3	210.3	173.7	5.28
1-1/2	17	60.5	41.4	38.1	136.6	91.9	122.2	230.1	186.7	7.23
1-3/4	25	73.2	50.8	44.5	162.1	106.4	146.1	278.6	230.6	12.13
2	35	82.6	57.2	50.8	184	122.2	171.5	311.9	262.6	19.19
2-1/2	55	105	69.9	66.5	238.3	144.5	203.2	376.9	330.2	32.55



Electro galvanized



Spraying



Hot dip galvanized

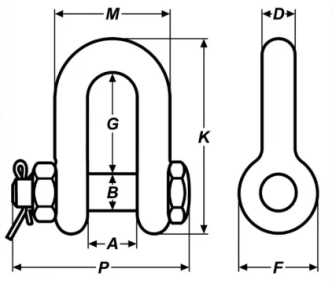


Polishing



G2150

Bolt Type Chain Shackle
Carbon Steel
Alloy Pin
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized
Powder Coated
Safety Factor 4:1 / 6:1
OEM / Customization





Size (in)	WLL (t)	A	B	D	F	G	K	M	P	Weight (kg)
1/2	2	20.6	16	12.7	30.2	41.4	77	46	71.1	0.34
5/8	3.2	26.9	19.1	16	38.1	50.8	95.3	58.7	89.7	0.67
3/4	4.7	31.8	22.4	19.1	45.1	60.5	115.1	70	103.4	1.14
7/8	6.5	36.6	25.4	22.4	53.1	71.4	135.4	81	119.6	1.75
1	8.5	42.9	28.7	25.4	60.5	81	150.9	93.7	134.9	2.52
1-1/8	9.5	46	31.8	28.7	68.6	90.9	172.2	103.1	149.9	3.45
1-1/4	12	51.6	35.1	31.8	76.2	100	190.5	115.1	165.4	4.9
1-3/8	13.5	57.2	38.1	35.1	84.1	111.3	210.3	127	183.1	6.24
1-1/2	17	60.5	41.4	38.1	92.2	122.2	230.1	136.7	196.3	8.39
1-3/4	25	73.2	50.7	44.5	106.4	146.1	278.6	162.1	229.8	14.24
2	35	82.6	57.2	50.8	122.2	171.5	311.9	184.2	264.4	21.2
2-1/2	55	104.9	70	66.5	144.5	203.2	377	238.3	344.4	38.56
3	85	127	82.6	76.2	165.1	215.9	428.8	279.4	419.1	56.36
3-1/2	120	133.4	95.3	91.9	203.2	-	-	-	482.6	-
4	150	139.7	108	104.1	228.6	-	-	-	501.7	-


Electro galvanized


Spraying

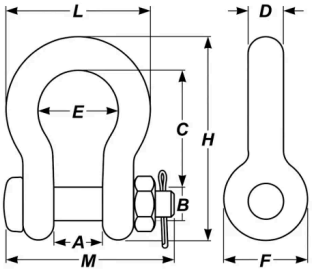

Hot dip galvanized


Polishing



G2130

Bolt Type Anchor Shackle
Carbon Steel
Alloy Pin
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized
Powder Coated
Safety Factor 4:1 / 6:1
OEM / Customization





Size (in)	WLL (t)	A	B	C	D	E	F	H	L	M	Weight (kg)
1/2	2	20.6	16	47.8	12.7	33.3	30.2	83.3	58.7	71.1	0.36
5/8	3.25	26.9	19.1	60.5	16	42.9	38.1	106.4	74.7	89.7	0.76
3/4	4.75	31.8	22.4	71.4	19.1	50.8	45	126.2	88.9	103.4	1.23
7/8	6.5	36.6	25.4	84.1	22.4	57.9	53.1	148.1	102.4	119.6	1.97
1	8.5	42.9	28.7	95.3	25.4	68.3	60.5	166.6	119.1	134.9	2.57
1-1/8	9.5	46	31.8	108	28.7	73.9	68.3	189.7	131.1	149.9	3.75
1-1/4	12	51.6	35.1	119.1	31.8	82.6	76.2	209.6	146.1	165.4	5.31
1-3/8	13.5	57.2	38.1	133.4	35.1	92.2	84.1	232.7	162.1	183.1	7.18
1-1/2	17	60.5	41.4	140.1	38.1	98.6	92.2	254	174.8	196.3	9.43
1-3/4	25	73.2	50.7	177.8	44.5	127	106.4	313.4	225	229.8	15.38
2	35	82.6	57.2	196.9	50.8	146.1	122.2	347.5	253.2	264.4	23.7
2-1/2	55	104.9	70	266.7	66.5	184.2	144.5	453.1	326.8	344.4	44.57
3	85	127	82.6	330.2	76.2	200.2	165.1	546.1	364.7	419.6	69.85
3-1/2	120	133.4	95.3	371.6	91.9	228.6	203.2	625.6	419.1	482.6	120.2
4	150	139.7	108	368.3	104.1	254	228.6	652.5	467.9	501.7	153.32


Electro galvanized


Spraying


Hot dip galvanized


Polishing



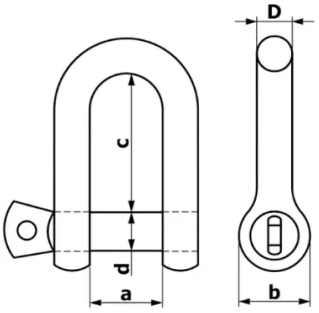






European Type Large D Shackle

European Type
Q235 Carbon Steel
Free Forged
Electro Galvanized
M5 mm - M50 mm
80 kg - 8000 kg





Size(D) (mm)	WLL (kg)	d (mm)	a (mm)	c (mm)	b (mm)	Weight (kg)
5	80	5	10	19	11	0.015
6	100	6	13	25	14	0.023
8	200	8	16	32	18	0.048
10	320	10	19	38	20	0.085
12	520	12	25	51	26	0.17
16	800	16	32	64	33	0.385
20	1100	20	38	76	40	0.76
22	1500	22	44	89	50	1.07
25	2100	25	51	100	57	1.55
28	3000	28	57	115	68	2.25
32	3500	32	64	127	73	3.35
38	5000	38	76	152	85	5.85
45	7000	45	90	180	96	10
50	8000	50	102	200	108	12.5



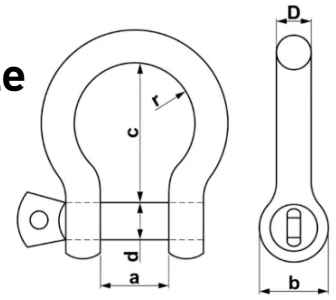


Electro galvanized Polishing



European Type Large Bow Shackle

European Type
Q235 Carbon Steel
Free Forged
Electro Galvanized
M5 mm - M50 mm
80 kg - 8000 kg





Size(D) (mm)	WLL (kg)	d (mm)	a (mm)	c (mm)	r (mm)	b (mm)	Weight (kg)
5	80	5	10	19	8	11	0.016
6	100	6	13	25	10	14	0.024
8	200	8	16	32	12	18	0.05
10	320	10	19	38	16	20	0.088
12	520	12	25	51	19	26	0.18
16	800	16	32	64	28	33	0.41
20	1100	20	38	76	33	40	0.776
22	1500	22	44	89	37	50	1.15
25	2100	25	51	100	40	57	1.65
28	3000	28	57	115	47	68	2.4
32	3500	32	64	127	52	73	3.5
38	5000	38	76	152	63	85	6.35
45	7000	45	90	180	75	96	11.5
50	8000	50	102	200	78	108	14

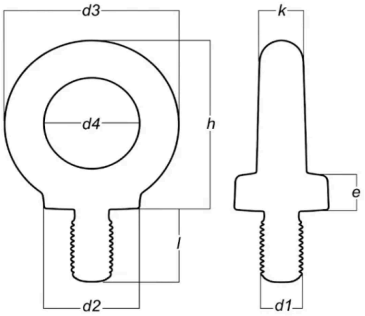


Electro galvanized Polishing

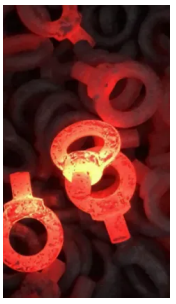


DIN580

Eye Bolt
Q235 Carbon Steel
Drop Forged
Electro-galvanized / Zinc Plated









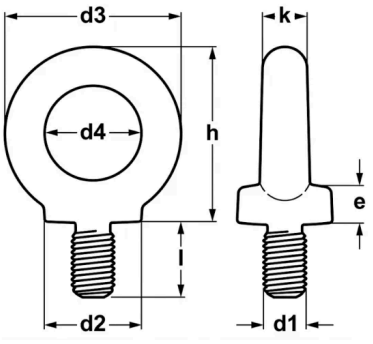


Size[d] (mm)	WLL (t)	Weight (kg)	d1 (mm)	d2 (mm)	d3 (mm)	b (mm)	e (mm)	h (mm)	k (mm)
M6	0.14	0.06	17	28	16	13	6	17	6
M8	0.14	0.06	20	36	20	13	6	18	8
M10	0.23	0.11	25	45	25	17	8	22	10
M12	0.34	0.17	30	54	30	20.5	10	26	12
M14	0.49	0.19	35	63	35	28	12	30	14
M16	0.7	0.28	35	63	35	27	12	31	14
M20	1.2	0.45	40	72	40	30	14	35	16
M22	1.5	0.49	45	81	45	35	14	40	18
M24	1.8	0.88	50	90	50	38	18	45	20
M27	2.5	0.93	50	90	50	38	18	45	20
M30	3.6	1.6	65	108	60	45	22	55	24
M33	4.3	1.7	65	108	60	45	22	55	24
M36	5.1	2.67	75	126	70	54	26	64	28
M42	7	4.14	85	144	80	63	30	74	32
M48	8.6	6.7	100	166	90	70	35	84	38
M56	11.5	8.7	110	184	100	78	38	94	42
M64	16	12.5	120	206	110	90	42	104	48



DIN580
Alloy Steel

Eye Bolt
35CrMo
Drop forged, quenched & tempered
Powder coated







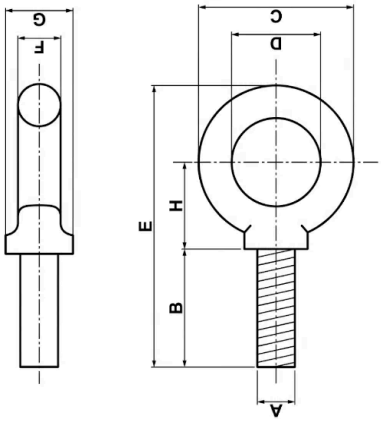


Size (mm)	WLL (t)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	e (mm)	h (mm)	k (mm)	l (mm)	Weight (kg)
M6	0.4	6	20	36	20	6	36	8	13	0.05
M8	1	8	20	36	20	6	36	8	13	0.06
M10	1	10	25	45	25	8	45	10	17	0.11
M12	2	12	30	54	30	10	53	12	20	0.18
M14	4	14	30	54	30	10	53	12	20	0.28
M16	4	16	35	63	35	12	62	14	27	0.28
M20	6	20	40	72	40	14	71	16	30	0.45
M24	8	24	50	90	50	18	90	20	36	0.87
M30	12	30	65	108	60	22	109	24	45	1.66
M36	16	36	75	126	70	26	128	28	54	2.65
M42	24	42	85	144	80	30	147	32	63	4.03
M48	32	48	100	166	90	35	168	38	68	6.38



G279

Eye Bolt
45# Carbon Steel (AISI 1045)
Drop Forged
Hot Dip Galvanized





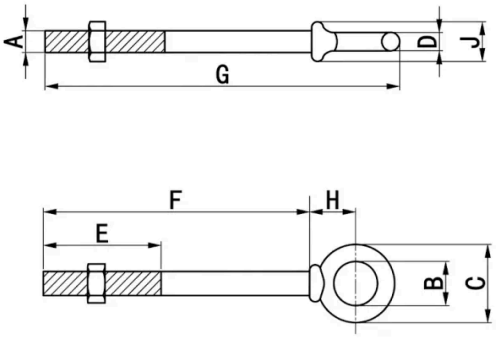
Size [AxF] (in)	WLL (lbs)	Weight 100pcs (lbs)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
1/4x1	650	5	0.25	1.02	1.13	0.75	2.29	0.19	0.53	0.77
5/16x1-1/8	1200	9	0.31	1.15	1.38	0.88	2.74	0.25	0.59	0.95
3/8x1-1/4	1550	15	0.38	1.27	1.62	1	3.07	0.31	0.66	1.05
1/2x1-1/2	2600	28	0.5	1.53	1.95	1.19	3.7	0.38	0.91	1.27
5/8x1-3/4	5200	55	0.63	1.79	2.38	1.38	4.45	0.5	1.13	1.53
3/4x2	7200	96	0.75	2.05	2.76	1.5	5.07	0.63	1.38	1.71
7/8x2-1/4	10600	154	0.88	2.31	3.25	1.75	5.87	0.75	1.56	2
1x2-1/2	13300	238	1	2.57	3.76	2	6.66	0.88	1.81	2.09
1-1/4x3	21000	399	1.25	3.09	4.5	2.5	7.95	1	2.28	2.73
1-1/2x3-1/2	24000	720	1.5	3.6	5.5	3	9.49	1.25	2.75	3.28





G277

Eye Bolt
45# Carbon Steel (AISI 1045)
Drop Forged
Hot Dip Galvanized





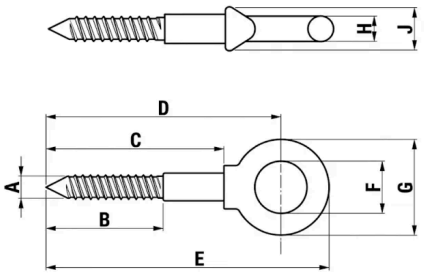
Size [AxF] (in)	WLL (lbs)	Weight 100pcs (lbs)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	J (in)
1/4 x 2	500	6.61	0.25	0.5	0.88	0.19	1.5	2	2.94	0.5	0.47
1/4 x 4	500	9.61	0.25	0.5	0.88	0.19	2.5	4	4.94	0.5	0.47
5/16 x 2 1/4	800	12.5	0.31	0.62	1.12	0.25	1.5	2.25	3.5	0.69	0.56
5/16 x 4 1/4	800	18.75	0.31	0.62	1.12	0.25	2.5	4.25	5.5	0.69	0.56
3/8 x 2 1/2	1200	21.4	0.38	0.75	1.38	0.31	1.5	2.5	3.97	0.78	0.66
3/8 x 4 1/2	1200	25.3	0.38	0.75	1.38	0.31	2.5	4.5	5.97	0.78	0.66
1/2 x 3 1/4	2200	42.6	0.5	1	1.75	0.38	1.5	3.25	5.12	1	0.91
1/2 x 6	2200	56.8	0.5	1	1.75	0.38	3	6	7.88	1	0.91
5/8 x 4	3500	68.6	0.62	1.25	2.25	0.5	2	4	6.44	1.31	1.12
5/8 x 6	3500	102.4	0.62	1.25	2.25	0.5	3	6	8.44	1.31	1.12
3/4 x 4 1/2	5200	144.5	0.75	1.5	2.75	0.62	2	4.5	7.44	1.56	1.38
3/4 x 6	5200	167.5	0.75	1.5	2.75	0.62	3	6	8.94	1.56	1.38
7/8 x 5	7200	225	0.88	1.75	3.25	0.75	2.5	5	8.47	1.84	1.56
1 x 6	10000	366.3	1	2	3.75	0.88	3	6	9.97	2.09	1.81
1 x 9	10000	422.5	1	2	3.75	0.88	4	9	12.97	2.09	1.81
1 1/4 x 8	15200	650	1.25	2.5	4.5	1	4	8	12.72	2.47	2.28
1 1/4 x 12	15200	795	1.25	2.5	4.5	1	4	12	16.72	2.47	2.28
1 1/2 x 15	21400	1425	1.5	3	5.5	1.25	6	15	20.75	3	2.75





G275

Eye Bolt
Q235 Carbon Steel
Drop Forged
Hot-Dip Galvanized







Size (AxC) (in)	Weight 100pcs (lbs)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	J (in)
1/4x2	4.25	0.25	1.5	2	2.5	2.94	0.5	0.88	0.19	0.47
5/16x2-1/4	6.25	0.31	1.69	2.25	2.94	3.5	0.63	1.13	0.25	0.56
3/8x2-1/2	18.75	0.38	1.88	2.5	3.28	3.97	0.75	1.38	0.31	
1/2x3-1/4	37.5	0.5	2.44	3.25	4.25	5.12	1	1.75	0.38	0.91
5/8x4	68.75	0.63	3	4	5.31	6.44	1.25	2.25	0.5	1.12

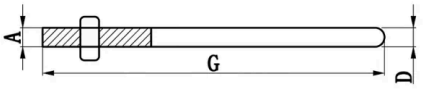


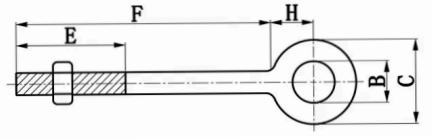




G291

Eye Bolt
45# Carbon Steel (AISI 1045)
Drop Forged
Hot Dip Galvanized







Size (AxF) (in)	WLL (lbs)	Weight 100pcs (lbs)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
1/4x2	650	8.2	0.25	0.5	1	0.25	1.5	2	3.06	0.56
1/4x4	650	11.7	0.25	0.5	1	0.25	2.5	4	5.06	0.56
5/16x2 1/4	1200	13.3	0.31	0.62	1.25	0.31	1.5	2.25	3.56	0.69
5/16x4 1/4	1200	25	0.31	0.62	1.25	0.31	2.5	4.25	5.56	0.69
3/8x2 1/2	1550	23.3	0.38	0.75	1.5	0.38	1.5	2.5	4.12	0.88
3/8x4 1/2	1550	29.5	0.38	0.75	1.5	0.38	2.5	4.5	6.12	0.88
3/8x6	1550	35.2	0.38	0.75	1.5	0.38	2.5	6	7.62	0.88
1/2x3 1/4	2600	50.3	0.5	1	2	0.5	1.5	3.25	5.38	1.12
1/2x6	2600	66.1	0.5	1	2	0.5	3	6	8.12	1.12
1/2x8	2600	82	0.5	1	2	0.5	3	8	10.12	1.12
1/2x10	2600	88	0.5	1	2	0.5	3	10	12.12	1.12
1/2x12	2600	114.2	0.5	1	2	0.5	3	12	14.12	1.12
5/8x4	5200	103.1	0.62	1.25	2.5	0.62	2	4	6.69	1.44
5/8x6	5200	118.2	0.62	1.25	2.5	0.62	3	6	8.69	1.44
5/8x8	5200	135.1	0.62	1.25	2.5	0.62	3	8	10.69	1.44
5/8x10	5200	153.6	0.62	1.25	2.5	0.62	3	10	12.69	1.44
5/8x12	5200	167.1	0.62	1.25	2.5	0.62	4	12	14.69	1.44
3/4x4 1/2	7200	168.6	0.75	1.5	3	0.75	2	4.5	7.69	1.69
3/4x6	7200	184.5	0.75	1.5	3	0.75	3	6	9.19	1.69
3/4x8	7200	207.9	0.75	1.5	3	0.75	3	8	11.19	1.69
3/4x10	7200	235	0.75	1.5	3	0.75	3	10	13.19	1.69
3/4x12	7200	257.5	0.75	1.5	3	0.75	4	12	15.19	1.69
3/4 x 15	7200	298	0.75	1.5	3	0.75	5	15	18.19	1.69
7/8x 5	10600	270	0.88	1.75	3.5	0.88	2.5	5	8.75	2
7/8x8	10600	308	0.88	1.75	3.5	0.88	4	8	11.75	2
7/8x12	10600	400	0.88	1.75	3.5	0.88	4	12	15.75	2
1 x 6	13300	421	1	2	4	1	3	6	10.31	2.31
1x9	13300	468.5	1	2	4	1	4	9	13.31	2.31
1x12	13300	540	1	2	4	1	4	12	16.31	2.31
1x18	13300	650	1	2	4	1	7	18	22.31	2.31
1 1/4 x8	21000	750	1.25	2.5	5	1.25	4	8	13.38	2.88
1 1/4x12	21000	900	1.25	2.5	5	1.25	4	12	17.38	2.88
1 1/4x20	21000	1210	1.25	2.5	5	1.25	6	20	25.38	2.88

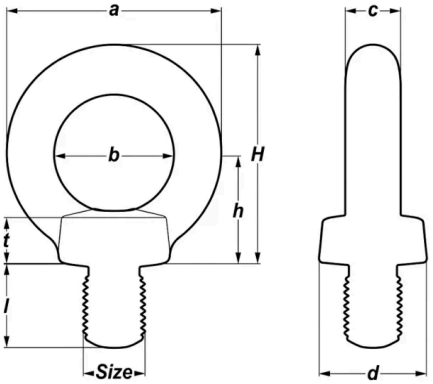






JIS 1168

Eye Bolt
Carbon Steel
Drop Forged
Galvanized
Customization





Size (mm)	WLL (kN)	a (mm)	b (mm)	c (mm)	d (mm)	t (mm)	h (mm)	H (mm)	l (mm)
M8	0.79	32.6	20	6.3	16	5	17	33.3	15
M10	1.47	41	25	8	20	7	21	41.5	18
M12	2.16	50	30	10	25	9	26	51	22
M16	4.41	60	30	12.5	30	11	30	60	27
M20	6.18	72	40	16	35	13	35	71	30
M24	9.32	90	50	20	45	18	45	90	38
M30	14.7	110	60	25	60	22	55	110	45
M36	22.6	133	70	31.5	70	26	65	131.5	55

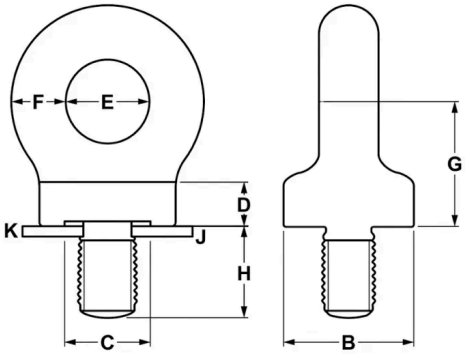






BS 4728

Eye Bolt
Carbon Steel
Drop Forged
Self-colored finish







Size (mm)	WLL (t)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)
M12	0.4	22	15	7	15	9	20	18	1	3
M16	0.8	29	20	10	20	12	26	23	1	3
M18	1	36	24	12	24	14	32	28	1	4
M20	1.6	40	27	14	27	16	36	32	1	5
M22	1.6	45	30	15	30	18	40	35	1	5
M24	2.5	52	35	17	35	21	46	40	2	6
M27	2.5	58	39	20	39	23	52	46	2	7
M30	4	65	44	22	44	26	58	51	3	7
M33	4	72	48	24	48	29	64	56	3	8
M36	6.3	81	54	27	54	32	72	63	3	9
M39	6.3	90	60	30	60	36	80	70	3	10
M45	8	101	68	34	68	40	90	79	3	11
M52	12.5	115	76	38	76	46	102	89	3	13
M56	16	128	86	43	86	51	114	100	4	14
M64	20	144	96	48	96	58	128	112	4	16
M70	20	162	108	54	108	65	144	126	4	18
M76	25	180	120	60	120	72	160	140	4	20

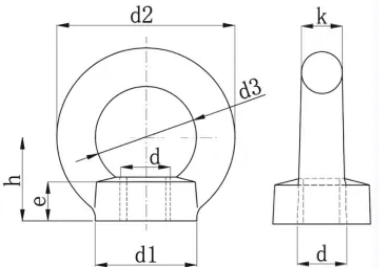


Eye Nut



DIN582

Eye Nut
Q235 Carbon Steel
Drop Forged
Electro-galvanized / Zinc Plated





Size(d) (mm)	WLL (t)	Weight (kg)	d1 (mm)	d2 (mm)	d3 (mm)	e (mm)	h (mm)	k (mm)
M6	0.14	0.05	20	36	20	8.5	18	8
M8	0.14	0.05	20	36	20	8.5	18	8
M10	0.23	0.1	25	45	25	10	22	10
M12	0.34	0.16	30	54	30	11	26	12
M16	0.7	0.24	35	63	35	13	31	14
M20	1.2	0.35	40	72	40	16	35	16
M22	1.5	0.32	45	81	45	18	40	18
M24	1.8	0.75	50	90	50	20	45	20
M27	2.5	0.73	50	90	50	20	45	20
M30	3.6	1.4	65	108	60	25	55	24
M33	4.3	1.3	65	108	60	25	55	24
M36	5.1	2.2	75	126	70	30	64	28
M42	7	3.1	85	144	80	35	74	32
M48	8.6	5.01	100	166	90	40	84	38
M56	11.5	6.69	110	184	100	45	94	42
M64	16	9.3	120	206	110	50	104	48





Electro galvanized

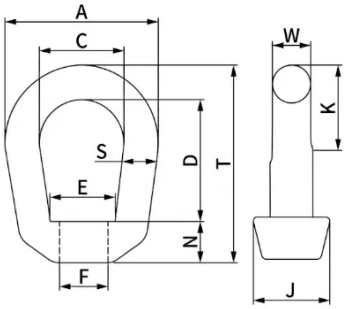


Polishing



G400

Eye Nut
45# Carbon Steel (AISI 1045)
Drop Forged
Electro-galvanized, Hot-dip galvanized, Powder coated





Electro galvanized



Spraying

Size ("S") (in)	Std. Tap Size	WLL (lbs)	A	C	D	E	F	J	K	N	T	W	Weight 100pcs (lbs)
0.25	1/4	520	1.25	0.75	1	0.75	0.5	0.69	0.63	0.38	1.72	0.31	0.09
0.31	3/8	1250	1.62	1	1.2	0.83	0.56	0.81	0.89	0.5	2.09	0.41	0.17
0.38	1/2	2250	2	1.25	1.44	1.08	0.81	1	1.09	0.62	2.55	0.5	0.28
0.5	5/8	3600	2.5	1.5	1.92	1.35	1	1.31	1.31	0.69	3.25	0.69	0.6
0.63	3/4	5200	3	1.75	2.38	1.59	1.12	1.5	1.57	0.88	3.89	0.84	1
0.75	7/8	7200	3.5	2	2.63	1.96	1.38	1.88	1.77	0.94	4.32	1	1.65
0.88	1	10000	4	2.25	3.06	2.21	1.56	2.13	2.02	1.07	5.01	1.19	2.69
1.00	1 1/4	15500	4.5	2.5	3.5	2.46	1.88	2.38	2.27	1.25	5.78	1.38	4.38
1.13	1 3/8	18500	5	2.75	4	2.69	2	2.56	2.53	1.38	6.51	1.5	5
1.25	1 1/2	22500	5.62	3.12	4.31	3.09	2.25	3	2.82	1.5	7.06	1.66	6.78
1.5	2	40000	7.12	4.1	6.2	4.09	3.13	3.75	3.68	2.06	9.91	1.94	14.6





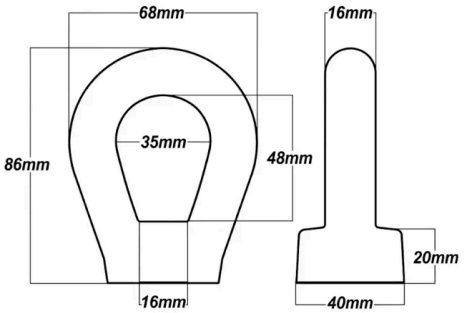






Long Ring Eye Nut

Oval Shaped Eye Nut
Carbon Steel
Quenched & tempered
Galvanized / Oxidized
Customization

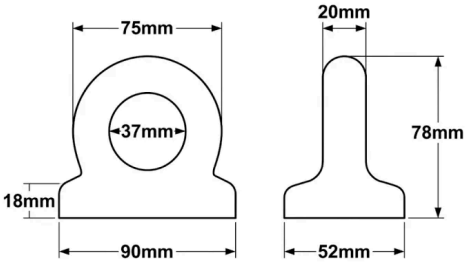






Weld-on Point Eye Nut

Carbon Steel
Drop Forged
Quenched & tempered
Galvanized / Oxidized

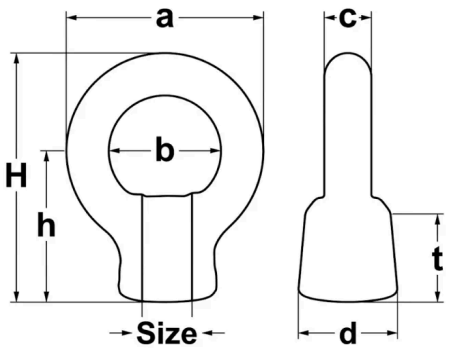






JIS 1169

Eye Nut
Carbon Steel
Drop Forged
Quenched & Tempered
Galvanized / Oxidized
Customization

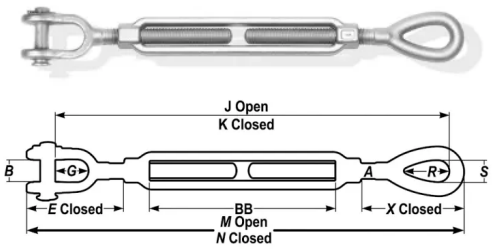




Size (mm)	WLL (kN)	a (mm)	b (mm)	c (mm)	d (mm)	t (mm)	h (mm)	H (mm)
M8	0.79	32.6	20	6.3	16	12	23	39.3
M10	1.47	41	25	8	20	15	28	48.5
M12	2.16	50	30	10	25	19	36	61
M16	4.41	60	35	12.5	30	23	42	72
M20	6.18	72	40	16	35	28	50	86
M24	9.32	90	50	20	45	38	66	111
M30	14.7	110	60	25	60	46	80	135
M36	22.6	133	70	31.5	70	55	95	161.5



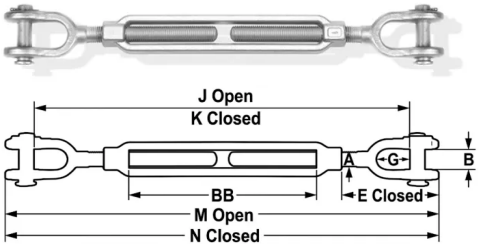




US Type Turnbuckle w/ eye & jaw

Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized

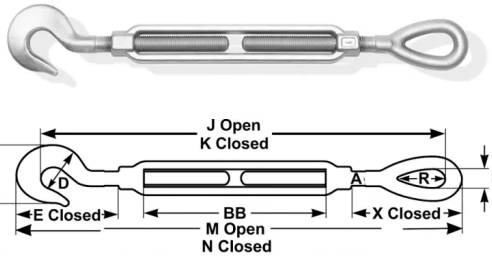
Size (in)	WLL (lbs)	Weight (lbs)	A (in)	E Closed	G (in)	J Open (in)	K Closed	M Open (in)	N Closed	R (in)	S (in)	X Closed	BB (in)
1/4 x 4	500	0.3	0.25	1.58	0.62	11.35	7.35	12.07	8.07	0.78	0.34	1.75	4
5/16 x 4	800	0.47	0.31	1.96	0.87	13.71	8.71	14.01	9.51	0.94	0.44	2.09	4.5
3/8 x 6	1200	0.76	0.38	2.12	0.87	16.81	10.81	17.77	11.77	1.12	0.53	2.52	6
1/2 x 6	2200	1.53	0.5	2.75	1.06	18.29	12.28	19.48	13.48	1.44	0.72	3.23	6
1/2 x 9	2200	1.71	0.5	2.75	1.06	24.29	15.29	25.48	16.48	1.44	0.72	3.23	9
1/2 x 12	2200	2.06	0.5	2.75	1.06	30.29	18.29	31.48	19.48	1.44	0.72	3.23	12
5/8 x 6	3500	2.35	0.63	3.5	1.31	19.74	13.74	21.28	15.28	1.75	0.88	3.9	6
5/8 x 9	3500	3.06	0.63	3.5	1.31	25.74	16.74	27.28	18.28	1.75	0.88	3.9	9
5/8 x 12	3500	3.78	0.63	3.5	1.31	31.74	19.74	33.26	21.28	1.75	0.88	3.9	12
3/4 x 6	5200	4	0.75	4.18	1.5	21.19	15.19	23.11	17.11	2.09	1	4.69	6
3/4 x 9	5200	4.75	0.75	4.18	1.5	27.19	18.19	29.11	20.11	2.09	1	4.69	9
3/4 x 12	5200	5.36	0.75	4.18	1.5	33.19	21.19	35.11	23.11	2.09	1	4.69	12
3/4 x 18	5200	7	0.75	4.18	1.5	45.19	27.19	47.11	29.11	2.09	1	4.69	18
7/8 x 12	7200	8	0.88	4.85	1.75	34.34	23.34	36.57	24.57	2.38	1.25	5.1	12
7/8 x 18	7200	9.75	0.88	4.85	1.75	46.34	28.34	48.57	30.57	2.38	1.25	5.1	18
1 x 6	10000	8.92	1	5.53	2.06	24.34	18.34	26.89	20.89	3	1.44	6.36	6
1 x 12	10000	11.2	1	5.53	2.06	36.34	24.34	38.89	26.89	3	1.44	6.36	12
1 x 18	10000	13.3	1	5.53	2.06	48.34	30.34	50.89	32.89	3	1.44	6.36	18
1 x 24	10000	17	1	5.53	2.06	60.34	36.34	62.89	38.89	3	1.44	6.36	24
1-1/4 x 12	15200	20	1.25	7.21	2.81	38.82	26.82	42.05	30.05	3.56	1.81	7.72	12
1-1/4 x 18	15200	24.18	1.25	7.21	2.81	50.82	32.82	54.05	36.05	3.56	1.81	7.72	18
1-1/4 x 24	15200	28.5	1.25	7.21	2.81	62.82	38.82	66.05	42.05	3.56	1.81	7.72	24
1-1/2 x 12	21400	28.99	1.5	7.88	2.81	40.5	28.5	44.25	32.25	4.06	2.12	8.62	12
1-1/2 x 18	21400	35	1.5	7.88	2.81	52.5	34.5	56.25	38.25	4.06	2.12	8.62	18
1-1/2 x 24	21400	39.18	1.5	7.88	2.81	64.5	40.5	68.25	44.25	4.06	2.12	8.62	24
1-3/4 x 18	28000	53.75	1.75	9.4	3.38	55.38	37.38	59.78	41.78	4.62	2.38	10	18
1-3/4 x 24	28000	60.68	1.75	9.4	3.38	67.38	43.38	71.78	47.78	4.62	2.38	10	24
2 x 24	37000	89	2	11.86	3.69	72.62	48.62	77.95	53.95	5.75	2.69	13.09	24
2-1/2 x 24	60000	150	2.5	13.56	4.44	75.8	51.8	82.4	58.4	6.5	3.12	13.78	24
2-3/4 x 24	75000	183	2.75	15.22	4.19	77.88	53.88	85.5	61.5	7	3.25	15.22	24



US Type Turnbuckle w/ jaw & jaw

Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized

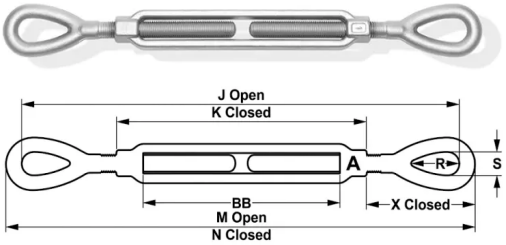
Size (in)	WLL (lbs)	Weight (lbs)	A (in)	B (in)	E Closed (in)	G (in)	J Open (in)	K Closed (in)	M Open (in)	N Closed (in)	BB (in)
1/4 x 4	500	0.36	0.25	0.41	1.58	0.62	10.9	6.9	11.9	7.9	4
5/16 x 4	800	0.52	0.31	0.47	1.98	0.87	12.36	8.36	13.9	9.4	4.5
3/8 x 6	1200	0.81	0.38	0.5	2.12	0.87	16.14	10.14	17.38	11.38	6
1/2 x 6	2200	1.5	0.5	0.63	2.75	1.06	17.5	11.5	19	13	6
1/2 x 9	2200	1.74	0.5	0.63	2.75	1.06	23.5	14.5	25	16	9
1/2 x 12	2200	2.46	0.5	0.63	2.75	1.06	29.5	17.5	31	19	12
5/8 x 6	3500	2.72	0.63	0.75	3.5	1.31	18.8	12.8	20.88	14.88	6
5/8 x 9	3500	3.24	0.63	0.75	3.5	1.31	24.8	15.8	26.88	17.88	9
5/8 x 12	3500	3.74	0.63	0.75	3.5	1.31	30.8	18.8	32.88	20.88	12
3/4 x 6	5200	4.11	0.75	0.94	4.18	1.5	20	14	22.6	16.6	6
3/4 x 9	5200	5.1	0.75	0.94	4.18	1.5	26	17	28.6	19.6	9
3/4 x 12	5200	5.65	0.75	0.94	4.18	1.5	32	20	34.6	22.6	12
3/4 x 18	5200	7	0.75	0.94	4.18	1.5	44	26	46.6	28.6	18
7/8 x 12	7200	8.17	0.88	1.13	4.85	1.75	33.36	21.36	36.32	24.32	12
7/8 x 18	7200	9.96	0.88	1.13	4.85	1.75	43.36	27.36	48.32	30.32	18
1 x 6	10000	8.56	1	1.19	5.53	2.06	22.72	16.72	26.06	20.06	6
1 x 12	10000	12	1	1.19	5.53	2.06	34.72	22.72	38.06	26.06	12
1 x 18	10000	14	1	1.19	5.53	2.06	46.72	28.72	50.06	32.06	18
1 x 24	10000	17	1	1.19	5.53	2.06	58.72	34.72	62.06	38.06	24
1-1/4 x 12	15200	21.5	1.25	1.75	7.21	2.81	37.34	25.34	41.54	29.54	12
1-1/4 x 18	15200	24.25	1.25	1.75	7.21	2.81	49.34	31.34	53.54	35.54	18
1-1/4 x 24	15200	28	1.25	1.75	7.21	2.81	61.34	37.34	65.54	41.54	24
1-1/2 x 12	21400	30.5	1.5	2.06	7.88	2.81	38.5	26.5	43.5	31.5	12
1-1/2 x 18	21400	36.75	1.5	2.06	7.88	2.81	50.5	32.5	55.5	37.5	18
1-1/2 x 24	21400	40.67	1.5	2.06	7.88	2.81	62.5	38.5	67.5	43.5	24
1-3/4 x 18	28000	55.04	1.75	2.38	9.4	3.38	53.38	35.38	59.18	41.18	18
1-3/4 x 24	28000	63.36	1.75	2.38	9.4	3.38	65.38	41.38	71.18	47.18	24
2 x 24	37000	94.25	2	2.5	11.86	3.69	69.54	45.54	76.72	52.12	24
2-1/2 x 24	60000	165	2.5	2.88	13.56	4.44	72.98	48.98	82.81	58.18	24
2-3/4 x 24	75000	198	2.75	3.5	15.22	4.19	74.75	50.75	85.5	61.5	24



US Type Turnbuckle w/ eye & hook

Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized

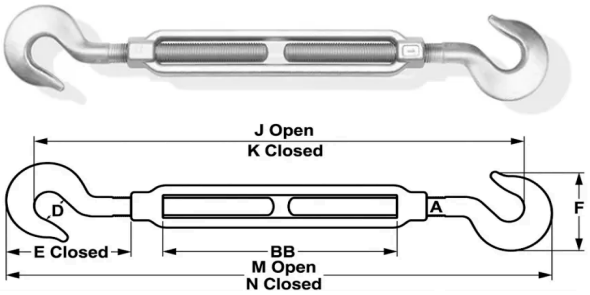
Size (in)	WLL (lbs)	Weight (lbs)	A (in)	D (in)	E Closed (in)	F (in)	J Open (in)	K Closed (in)	M Open (in)	N Closed (in)	R (in)	S (in)	X Closed (in)	BB (in)
1/4 x 4	400	0.3	0.25	0.45	1.59	1.27	11.46	7.46	12.09	8.09	0.78	0.34	1.75	4
5/16 x 4	700	0.47	0.31	0.5	1.94	1.5	13.19	8.69	13.47	9.47	0.94	0.44	2.09	4.5
3/8 x 6	1000	0.75	0.38	0.56	2.3	1.77	16.5	10.98	17.94	11.94	1.12	0.53	2.52	6
1/2 x 6	1500	1.6	0.5	0.66	2.94	2.28	18.45	12.45	19.67	13.16	1.44	0.72	3.23	6
1/2 x 9	1500	1.83	0.5	0.66	2.94	2.28	24.45	15.45	25.67	16.67	1.44	0.72	3.23	9
1/2 x 12	1500	2.08	0.5	0.66	2.94	2.28	30.45	18.45	31.67	19.67	1.44	0.72	3.23	12
5/8 x 6	2250	2.75	0.63	0.84	3.69	2.81	19.96	13.96	21.47	15.47	1.75	0.88	3.9	6
5/8 x 9	2250	3.13	0.63	0.84	3.69	2.81	25.96	16.96	27.47	18.47	1.75	0.88	3.9	9
5/8 x 12	2250	3.5	0.63	0.84	3.69	2.81	31.96	19.96	33.47	21.47	1.75	0.88	3.9	12
3/4 x 6	3000	3.89	0.75	0.98	4.52	3.33	21.63	15.96	23.45	17.45	2.09	1	4.69	6
3/4 x 9	3000	4.16	0.75	0.98	4.52	3.33	27.63	21.96	29.45	20.45	2.09	1	4.69	9
3/4 x 12	3000	5.43	0.75	0.98	4.52	3.33	33.63	21.63	35.45	23.45	2.09	1	4.69	12
3/4 x 18	3000	7.25	0.75	0.98	4.52	3.33	45.63	27.63	47.45	29.45	2.09	1	4.69	18
7/8 x 12	4000	8.1	0.88	1.13	5.19	3.78	34.78	22.78	36.91	24.91	2.38	1.25	5.1	12
7/8 x 18	4000	9.95	0.88	1.13	5.19	3.78	46.78	28.78	48.91	30.91	2.38	1.25	5.1	18
1 x 6	5000	9.33	1	1.25	5.84	4.25	24.8	18.8	27.2	21.2	3	1.44	6.36	6
1 x 12	5000	11.93	1	1.25	5.84	4.25	36.8	24.8	39.2	27.2	3	1.44	6.36	12
1 x 18	5000	14	1	1.25	5.84	4.25	48.8	30.8	51.2	33.2	3	1.44	6.36	18
1 x 24	5000	17.25	1	1.25	5.84	4.25	60.8	36.8	63.2	39.2	3	1.44	6.36	24
1-1/4 x 12	5000	19	1.25	1.5	7.22	5.13	39.13	27.13	42.06	30.06	3.56	1.81	7.72	12
1-1/4 x 18	5000	23	1.25	1.5	7.22	5.13	51.13	33.13	54.06	36.06	3.56	1.81	7.72	18
1-1/4 x 24	5000	27	1.25	1.5	7.22	5.13	63.13	39.13	66.06	42.06	3.56	1.81	7.72	24
1-1/2 x 12	7500	27.5	1.5	1.88	8.34	5.75	41.72	29.72	44.72	32.72	4.06	2.12	8.62	12
1-1/2 x 18	7500	31	1.5	1.88	8.34	5.75	53.72	35.72	56.72	38.72	4.06	2.12	8.62	18
1-1/2 x 24	7500	37.5	1.5	1.88	8.34	5.75	65.72	41.72	68.72	44.72	4.06	2.12	8.62	24



US Type Turnbuckle w/ eye & eye

Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized

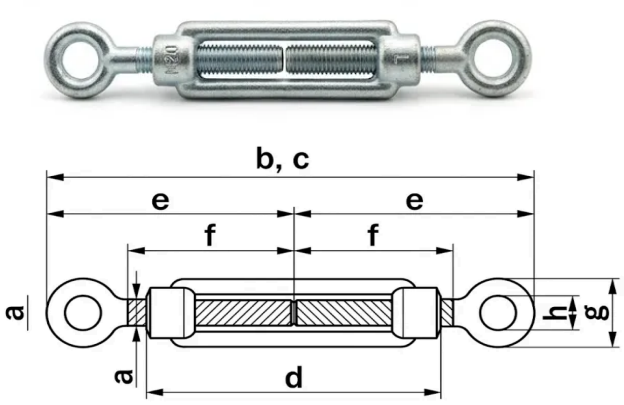
Size (in)	WLL (lbs)	Weight (lbs)	A	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
1/4*4	500	0.3	0.25	11.8	7.8	12.25	8.25	0.78	0.34	1.75	4
5/16*4-1/2	800	0.47	0.31	13.56	9.06	14.12	9.62	0.94	0.44	2.09	4.5
3/8*6	1200	0.75	0.38	17.47	11.47	18.16	12.16	1.12	0.53	2.52	6
1/2*6	2200	1.6	0.5	19.08	13.08	19.96	13.96	1.44	0.72	3.23	6
1/2*9	2200	1.83	0.5	25.08	16.08	25.96	16.96	1.44	0.72	3.23	9
1/2*12	2200	2.08	0.5	31.08	19.08	31.96	19.96	1.44	0.72	3.23	12
5/8*6	3500	2.75	0.63	20.68	14.68	21.68	15.68	1.75	0.88	3.9	6
5/8*9	3500	3.13	0.63	26.68	17.68	27.68	18.68	1.75	0.88	3.9	9
5/8*12	3500	3.5	0.63	32.68	20.68	33.68	21.68	1.75	0.88	3.9	12
3/4*6	5200	3.89	0.75	22.38	16.38	23.62	17.62	2.09	1	4.69	6
3/4*9	5200	4.61	0.75	28.38	19.38	29.62	20.62	2.09	1	4.69	9
3/4*12	5200	5.43	0.75	34.38	22.38	35.62	23.62	2.09	1	4.69	12
3/4*18	5200	7.25	0.75	46.38	28.38	47.62	29.62	2.09	1	4.69	18
7/8*12	7200	8.1	0.88	35.32	23.32	36.82	24.82	2.38	1.25	5.1	12
7/8*18	7200	9.95	0.88	47.32	29.32	48.82	30.82	2.38	1.25	5.1	18
1*6	10000	9.33	1	25.97	19.97	27.72	21.72	3	1.44	6.36	6
1*12	10000	11.93	1	37.97	25.97	39.97	27.72	3	1.44	6.36	12
1*18	10000	14	1	49.97	31.97	51.72	33.72	3	1.44	6.36	18
1*24	10000	17.25	1	61.97	37.97	63.72	39.72	3	1.44	6.36	24
1-1/4*12	15200	19	1.25	40.31	28.31	42.56	30.56	3.56	1.81	7.72	12
1-1/4*18	15200	23	1.25	52.31	34.31	54.56	36.56	3.56	1.81	7.72	18
1-1/4*24	15200	27	1.25	64.31	40.31	66.56	42.56	3.56	1.81	7.72	24
1-1/2*12	21400	27.5	1.5	42.5	30.5	45	33	4.06	2.12	8.62	12
1-1/2*18	21400	31	1.5	54.5	36.5	57	39	4.06	2.12	8.62	18
1-1/2*24	21400	37.5	1.5	66.5	42.5	69	45	4.06	2.12	8.62	24
1-3/4*18	28000	52.5	1.75	57.38	39.38	60.38	42.38	4.62	2.38	10	18
1-3/4*24	28000	58	1.75	69.38	45.38	72.38	48.38	4.62	2.38	10	24
2*24	37000	85.25	2	75.69	51.69	79.19	55.19	5.75	2.69	13.09	24
2-1/2*24	60000	144.25	2.5	78.62	54.62	82.62	58.62	6.5	3.12	13.78	24
2-3/4*24	75000	194	2.75	81	57	85.5	61.5	7	3.25	15.22	24



US Type Turnbuckle w/ hook & hook

Carbon Steel
Drop Forged
Quenched & tempered
Electro / Hot Dip Galvanized

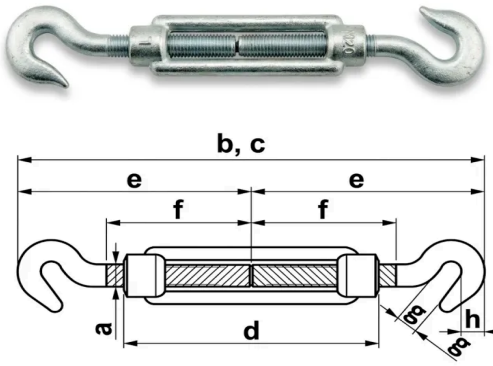
Size (in)	WLL (lbs)	Weight (lbs)	A (in)	E Closed (in)	J Open (in)	K Closed (in)	M Open (in)	N Closed (in)	D (in)	F (in)	BB (in)
1/4 x 4	400	0.3	0.25	1.59	11.12	7.12	11.94	7.94	0.45	1.27	4
5/16 x 4	700	0.47	0.31	1.94	12.81	8.31	13.81	9.31	0.5	1.5	4.5
3/8 x 6	1000	0.78	0.38	2.3	16.5	10.5	17.72	11.72	0.56	1.77	6
1/2 x 6	1500	1.6	0.5	2.94	18.82	11.82	20.38	13.38	0.66	2.28	6
1/2 x 12	1500	2.28	0.5	2.94	30.82	17.82	32.38	19.38	0.66	2.28	12
5/8 x 6	2250	2.75	0.63	3.69	20.5	13.25	22.5	15.25	0.9	2.81	6
5/8 x 12	2250	3.5	0.63	3.69	32.5	19.25	34.5	21.25	0.9	2.81	12
3/4 x 6	3000	3.89	0.75	4.52	22.38	14.88	24.78	17.28	0.98	3.33	6
3/4 x 12	3000	5.43	0.75	4.52	34.38	20.88	36.78	23.28	0.98	3.33	12
3/4 x 18	3000	7.25	0.75	4.52	46.38	26.88	48.78	29.28	0.98	3.33	18
7/8 x 12	4000	8.12	0.88	5.19	36	22.25	38.75	25	1.13	3.78	12
1 x 12	5000	11.93	1	5.84	37.63	23.63	40.69	26.69	1.25	4.25	12
1 x 18	5000	14	1	5.84	49.63	29.63	52.69	32.69	1.25	4.25	18
1 x 24	5000	17.25	1	5.84	61.63	35.63	64.69	38.69	1.25	4.25	24
1-1/4 x 12	6500	20.58	1.25	7.22	40.44	25.94	44.06	29.56	1.5	5.13	12
1-1/4 x 18	6500	23	1.25	7.22	52.44	31.94	56.06	35.56	1.5	5.13	18
1-1/4 x 24	6500	27	1.25	7.22	64.44	37.94	68.06	41.56	1.5	5.13	24
1-1/2 x 12	7500	27.5	1.5	8.34	43.94	28.94	47.44	32.44	1.88	5.75	12
1-1/2 x 18	7500	31	1.5	8.34	55.96	34.94	59.44	38.44	1.88	5.75	18
1-1/2 x 24	7500	37.5	1.5	8.34	67.94	40.94	71.44	44.44	1.88	5.75	24



DIN 1480 Turnbuckle (Eye & Eye Type)

Q235 Carbon Steel
Drop Forged
Electro-galvanized / Zinc Plated

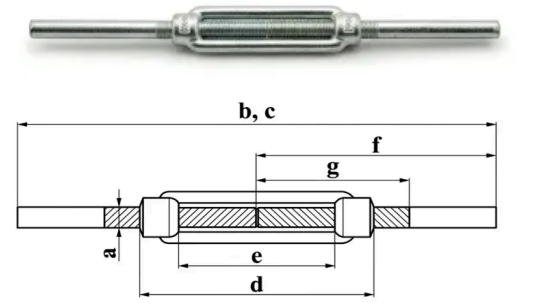
Size(a) (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	Weight (kg)
5	114	170	70	57	35	16	8	0.07
6	160	246	110	80	55	20	9	0.11
8	168	248	110	84	57	22	10	0.2
10	210	300	125	105	68	31	14	0.28
12	222	305	125	110	70	35	16	0.43
14	244	334	140	123	75	40	18	0.61
16	300	416	170	143	88	47	22	1
20	334	466	200	165	105	52	24	1.6
22	372	527	200	185	118	60	27	2.2
24	410	587	255	208	135	65	27	2.8
30	440	605	255	220	135	71	31	4.1
33	490	690	295	245	148	88	36	6
36	554	740	295	277	158	94	38	8.5
42	600	800	300	300	170	110	49	11



DIN 1480 Turnbuckle (Hook & Hook Type)

Q235 Carbon Steel
Drop Forged
Zinc Plated

Size(a) (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	Weight (kg)
6	184	270	110	92	55	8	15	0.11
8	200	280	110	100	57	10.5	15	0.2
10	324	323	125	117	68	13	11	0.28
12	260	343	125	130	70	16	12	0.43
14	278	368	140	139	75	18	15	0.61
16	322	438	170	161	88	20	17	1
20	382	514	200	191	105	21	21	1.6
22	456	601	220	228	118	24	28	2.2
24	496	673	255	248	135	26	33	2.8
30	550	715	255	275	135	34	35	4.1
33	600	799	295	300	148	38	40	6
36	640	825	295	320	158	36	45	8.3

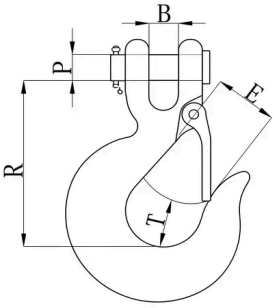


DIN 1480 Turnbuckle (Hook & Hook Type)

Q235 Carbon Steel
Drop Forged
Zinc Plated

Size(a) (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	Weight (kg)
6	240	326	110	86	120	65	0.093
8	240	320	110	80	120	65	0.14
10	300	389	125	89	150	75	0.29
12	300	383	125	83	150	75	0.4
14	330	420	140	90	165	85	0.66
16	400	516	170	116	200	100	0.89
20	440	572	200	132	220	120	1.6
22	440	585	220	145	220	130	2.27
24	520	697	255	177	260	150	2.82
30	520	695	255	165	260	160	4.23
36	600	780	295	185	300	180	7.1





US Type Clevis Slip Hook (with latch)

45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Electro-galvanized, Powder Coating



Electro-galvanized (White Zinc)



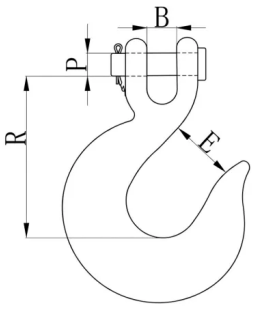
Electro-galvanized (Yellow Zinc)



Powder Coated

Size (in)	WLL (lbs) H-331	WLL (lbs) A-331	B (in)	E (in)	P (in)	R (in)	T (in)	Weight (lbs)
1/4	1950	2750	0.44	0.79	0.38	2.56	0.79	0.52
5/16	2875	4300	0.5	0.93	0.44	2.87	0.79	0.77
3/8	4000	5250	0.59	1.14	0.47	3.25	1.02	1.23
7/16	5000	7000	0.66	1.18	0.56	3.7	1.06	2.1
1/2	6500	9000	0.75	1.42	0.63	4	1.38	2.85
5/8	9250	13500	0.91	1.65	0.75	4.94	1.69	5.18





US Type Clevis Slip Hook (Without Latch)

45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Electro-galvanized, Powder Coating



Electro-galvanized (White Zinc)



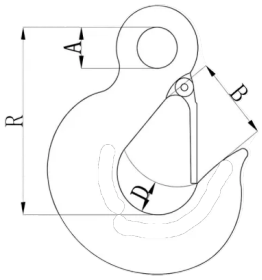
Electro-galvanized (Yellow Zinc)



Powder Coated (Matte Red)

Size (in)	WLL (lbs) - H-331	WLL (lbs) - A-331	B (in)	E (in)	P (in)	R (in)	Weight (lbs)
1/4	1950	2750	0.44	0.94	0.38	2.56	0.5
5/16	2875	4300	0.5	1.06	0.44	2.87	0.75
3/8	4000	5250	0.59	1.31	0.47	3.25	1.2
7/16	5000	7000	0.66	1.56	0.56	3.7	2.06
1/2	6500	9000	0.75	1.69	0.63	4	2.8
5/8	9250	13500	0.91	2	0.75	4.94	4.75
3/4	12500	19250	1.31	2.5	1	6.09	10.3





US Type Eye Slip Hook (With Latch)

45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Electro-galvanized, Powder Coating



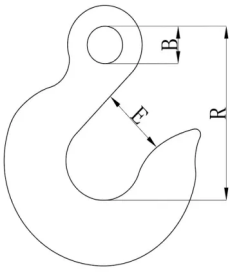
Powder Coated

Size (in)	WLL (lbs) - H-324	WLL (lbs) - A-324	A (in)	B (in)	R (in)	D (in)	Weight (lbs)
1/4	1950	2750	0.5	0.75	2.56	0.79	0.42
5/16	2875	4300	0.63	0.88	2.95	0.79	0.72
3/8	4000	5250	0.72	1.1	3.36	1.02	1.03
7/16	5000	7000	0.81	1.25	3.88	1.06	1.64
1/2	6500	9000	0.94	1.38	4.28	1.3	2.45



Electro-galvanized (White Zinc)





US Type Eye Slip Hook (Without Latch)

H-324/A-324
45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Electro-galvanized, Powder Coating



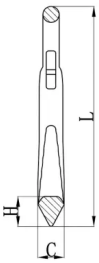
Powder Coated

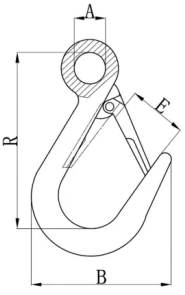
Size (in)	WLL (lbs) - H-324	WLL (lbs) - A-324	B (in)	E (in)	R (in)	Weight (lbs)
1/4	1950	2750	0.5	0.94	2.56	0.4
5/16	2875	4300	0.63	1.06	2.95	0.7
3/8	4000	5250	0.72	1.31	3.36	1
7/16	5000	7000	0.81	1.56	3.88	1.6
1/2	6500	9000	0.94	1.69	4.28	2.4
5/8	9250	13500	1.13	2	5.22	4
3/4	12500	19250	1.38	2.13	5.8	6.5



Electro-galvanized (White Zinc)







Wide Opening Hook

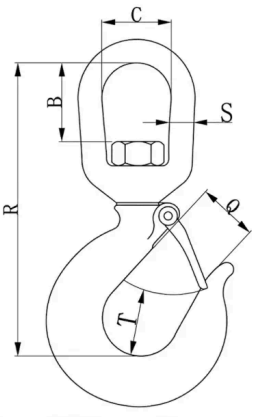
Alloy Steel
Drop Forged
Powder Coated



Size (lbs)	WLL (t)	B.L (t)	A (mm)	B (mm)	C (mm)	L (mm)	R (mm)	E (mm)	H (mm)	Weight (lbs)
5000	2.27	4.4	23	97	16	162	133	37	20.6	1.1
7000	3.17	6.2	22	108	20.3	168	133.5	40	24	1.63







US Type Swivel Hoist Hook S322

45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Self-colored, Electro-galvanized, Hot Dip Galvanized, Powder Coated



POWDER COATED



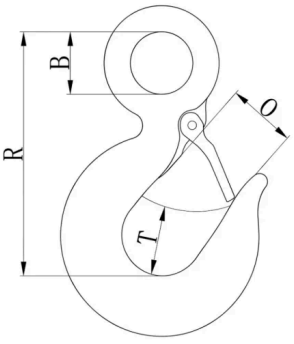
ELECTRO-PLATED



ORIGINAL COLOR

WLL(t) 322C	WLL(t) 322A	B (in)	C (in)	O (in)	R (in)	S (in)	T (in)	Weight (lbs)
3/4	1	0.93	1.25	0.88	4.47	0.37	0.8	0.77
1	1 1/2	1.31	1.5	0.97	5.28	0.5	0.8	1.27
1 1/2	2	1.62	1.75	1	6	0.62	0.84	2.28
2	3	1.56	1.75	1.13	6.37	0.62	1.19	2.6
3	4 1/2	1.75	2	1.34	7.4	0.75	1.37	4.81
5	7	2.31	2.5	1.69	9.59	1	1.78	10.4
7 1/2	11	2.38	2.75	2.06	11.12	1.13	2.13	16.42
10	15	2.8	3.12	2.25	11.93	1.25	2.5	23.4





US Type Eye Hoist Hook S320

45# Carbon Steel, 40Cr Alloy Steel
Drop Forged
Electro-galvanized, Powder Coated



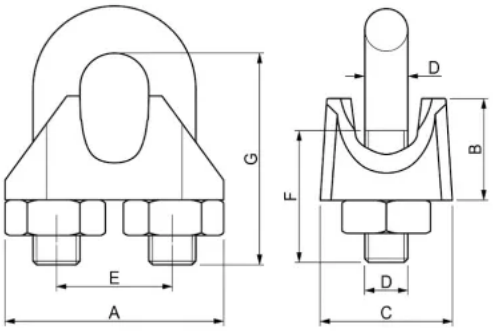
POWDER COATED



ELECTRO-ZINC PLATED

WLL(t) 320C	WLL(t) 320A	B (in)	R (in)	O (in)	T (in)	Weight (lbs)
1/2	3/4	0.63	2.8	0.81	0.65	0.37
3/4	1	0.75	3.22	0.88	0.81	0.57
1	1 1/2	0.91	3.66	0.97	0.81	0.77
1 1/2	2	1.12	4.09	1	0.84	1.28
2	3	1.25	4.69	1.12	1.19	1.73
3	4 1/2	1.56	5.78	1.34	1.38	3.66
5	7	2	7.38	1.69	1.78	7.19
7 1/2	11	2.44	9.06	2.06	2.12	13.17
10	15	2.83	10.09	2.22	2.72	22.15





DIN 741 Wire Rope Clip

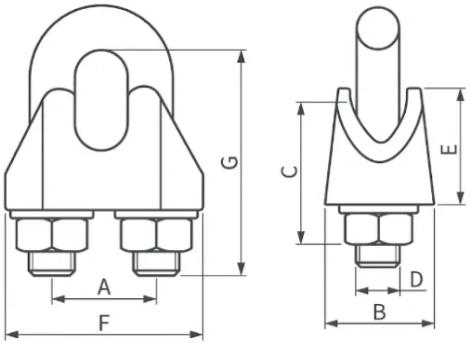
Body: Malleable Iron, U-bolt: Q235 Steel
Casting
Electro-galvanized

Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight 100pcs (kg)
3	21	10	10	4	9	12	16.6	1.4
5	23	10	11	5	11	13	19.65	1.5
6.5	26	11	12	5	13	15	23.65	2.1
8	30	15	14	6	16	19	28.85	4.1
10	34	17	18	8	19	22	35	6.8
11	36	18	19	8	20	22	37	7.2
13	40	21	23	10	24	30	46.24	13
14	44	22	23	10	25	30	48.24	13.5
16	50	26	26	12	29	33	52.5	21
19	54	30	29	12	32	38	64.5	28
22	61	34	33	14	37	44	72.5	40









DIN 1142 Wire Rope Clip

Body: Malleable Iron; U-Bolt: Q235 Steel
Malleable Iron Casting
Electro-galvanized / Zinc Plated

Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight / 100pcs (kg)
5	12	13	14	5	13	25	20	2
6.5	14	16	17	6	14	30	26	4
8	18	20	20	8	18	39	33	8.2
10	20	20	24	8	21	40	38	9.2
13	24	28	29	12	29	55	52	27.5
16	34	32	35	14	35	64	62	43
19	37	33	36	14	40	68	69	49
22	41	34	40	16	44	74	80	68
26	46	38	50	20	51	84	91	117
30	54	41	55	20	59	95	107	140
34	60	45	60	22	67	105	119	213
40	68	49	65	24	77	117	135	268



Yellow Zinc Plated

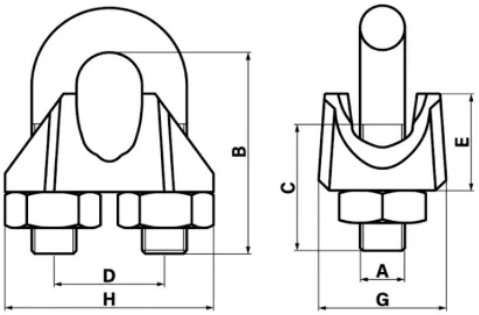




White Zinc Plated







US Type Malleable Iron Wire Rope Clip

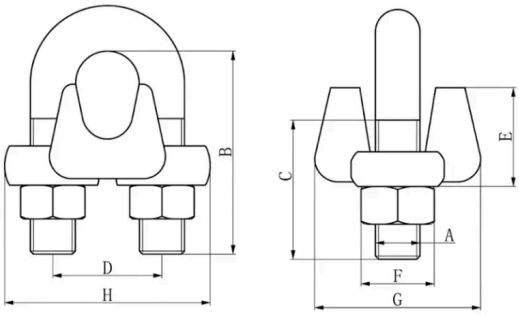
Body: Malleable Iron, U-Bolt: Q235 Carbon Steel
Casting
Electro-galvanized
For Wire Rope Fixing

Size (in)	A (in)	B (in)	C (in)	D (in)	E (in)	G (in)	H (in)	Weight 100 pcs (lbs)
1/8	1/4	13/16	1/2	1/2	7/16	1/2	15/16	4.3
3/16	1/4	31/32	5/8	9/16	1/2	9/16	1 1/16	6.8
1/4	5/16	1 7/32	7/8	11/16	5/8	11/16	1 3/8	14.5
5/16	5/16	1 7/32	7/8	11/16	11/16	11/16	1 3/8	15
3/8	3/8	1 5/8	1	7/8	13/16	7/8	1 5/8	21.5
7/16	3/8	1 5/8	1	7/8	13/16	15/16	1 5/8	24
1/2	7/16	2	1 1/4	1	1 1/16	1	1 7/8	37
9/16	1/2	2 5/16	1 15/32	1 3/16	1 3/16	1 1/8	2 3/16	55
5/8	1/2	2 5/16	1 15/32	1 3/16	1 5/16	1 1/8	2 3/16	59
3/4	9/16	2 9/16	1 3/4	1 11/32	1 1/2	1 1/4	2 7/16	84
7/8	5/8	3 1/16	1 13/16	1 5/8	1 3/4	1 3/4	2 7/8	128
1	5/8	3 3/8	2 1/16	1 3/4	1 15/16	2	3	150
1 1/8	3/4	3 7/8	2 3/16	2 1/16	2 3/16	2 1/8	3 7/16	243
1 1/4	3/4	3 7/8	2 3/16	2 1/16	2 3/8	2 1/2	3 7/16	262
1 3/8	7/8	4 1/2	2	2 9/16	2 7/8	3 1/8	4 3/16	456
1 1/2	7/8	4 1/2	2	2 9/16	3	3 1/4	4 1/4	512









US Type Drop Forged Wire Rope Clip

Body: #45 Steel, U-bolt: Q235 Steel
Casting
Drop Forged
Body: Galvanized; U-bolt: Electro-galvanized or Powder Coated

Size (in)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	Weight 100pcs (lbs)
1/8	0.22	0.72	0.44	0.47	0.37	0.38	0.81	0.99	6
3/16	0.25	0.97	0.56	0.59	0.5	0.44	0.94	1.18	10
1/4	0.31	1.03	0.5	0.75	0.66	0.56	1.19	1.43	19
5/16	0.38	1.38	0.75	0.88	0.73	0.69	1.31	1.66	28
3/8	0.44	1.5	0.75	1	0.91	0.75	1.63	1.94	48
7/16	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	78
1/2	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	80
9/16	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	109
5/8	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	110
3/4	0.62	2.75	1.44	1.5	1.39	1.06	2.25	2.84	142
7/8	0.75	3.12	1.62	1.75	1.58	1.25	2.44	3.16	212
1	0.75	3.5	1.81	1.88	1.77	1.25	2.63	3.47	252
1 1/8	0.75	3.88	2	2	1.91	1.25	2.81	3.59	283
1 1/4	0.88	4.44	2.22	2.34	2.17	1.44	3.13	4.13	438
1 3/8	0.88	4.44	2.22	2.34	2.31	1.44	3.13	4.19	442
1 1/2	0.88	4.94	2.38	2.59	2.44	1.44	3.41	4.44	544
1 5/8	1	5.31	2.62	2.75	2.66	1.63	3.63	4.75	704
1 3/4	1.13	5.75	2.75	3.06	2.92	1.81	3.81	5.24	934
2	1.25	6.44	3	3.38	3.03	2	4.44	5.88	1300
2 1/4	1.25	7.13	3.19	3.88	3.19	2	4.56	6.38	1600
2 1/2	1.25	7.69	3.44	4.13	3.69	2	4.69	6.63	1900
2 3/4	1.25	8.31	3.56	4.38	4.88	2	5	6.88	2300
3	1.5	9.19	3.88	4.75	4.44	2.38	5.31	7.61	3100
3 1/2	1.5	10.75	4.5	5.5	6	2.38	6.19	8.38	4000



Electro-galvanized

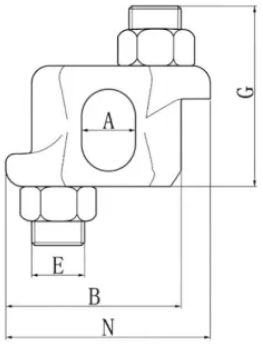


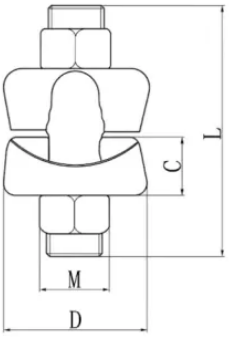


Electro-galvanized
+ Powder Coated







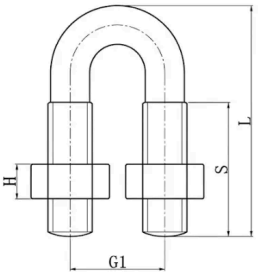


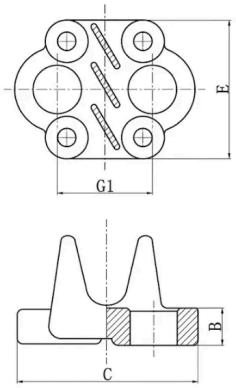
US Type Wire Rope Clips

Low Carbon Steel
Drop Forged
Electro-galvanized, Hot-dip Galvanized
Wire Rope Fastening

Size (in)	A	B	C	D	E	G	Approx L	M	N	Weight 100pcs(lbs)
3/16-1/4	0.25	1.25	0.34	0.94	0.38	1.28	1.36	0.69	1.47	18.00
5/16	0.31	1.34	0.44	1.06	0.38	1.47	1.94	0.69	1.56	28.00
3/8	0.38	1.59	0.50	1.06	0.44	1.81	2.38	0.75	1.88	40.00
7/16-1/2	0.50	1.88	0.56	1.25	0.50	2.19	2.75	0.88	2.19	70.00
9/16-5/8	0.63	2.28	0.69	1.50	0.63	2.69	3.50	1.06	2.63	100.00
3/4	0.75	2.69	0.88	1.81	0.75	2.94	3.75	1.25	3.06	175.00
7/8	0.88	2.97	0.97	2.13	0.75	3.31	4.13	1.25	3.14	225.00
1.00	1.00	3.06	1.19	2.25	0.75	3.72	4.63	1.25	3.53	300.00
1-1/8	1.13	3.44	1.28	2.38	0.88	4.19	5.25	1.44	3.91	400.00
1-1/4	1.25	3.56	1.34	2.50	0.88	4.25	5.25	1.44	4.03	400.00
1-3/8-1-1/2	1.50	4.13	1.56	3.00	1.00	5.56	7.00	1.63	4.66	700.00





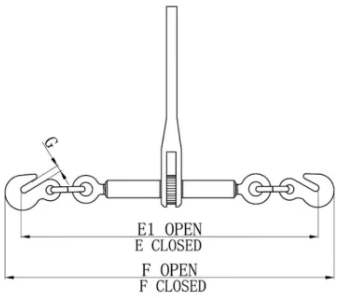


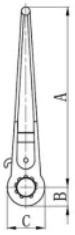
JIS Type Drop Forged Wire Rope Clip

Body - #45 Carbon Steel, U-Bolt - Q235 Carbon Steel
Drop Forged
Self-color, Electro-galvanized, Hot-dip Galvanized, Dacromet, Plastic Powder Coating
Wire Rope Fastening

Size (mm)	B (mm)	C (mm)	E (mm)	G1 (mm)	Thread Dia (mm)	H (mm)	L (mm)	S (mm)	Weight (lbs)
6.00	6.00	29.00	24.00	14.00	6.00	5.00	35.00	20.00	0.10
8.00	6.00	36.00	31.00	18.00	8.00	6.50	40.00	20.00	0.18
10.00	7.00	45.00	35.00	22.00	10.00	8.00	50.00	28.00	0.33
12.00	8.00	51.00	39.00	26.00	12.00	10.00	60.00	35.00	0.55
14.00	9.00	53.00	45.00	28.00	12.00	10.00	65.00	40.00	0.64
16.00	10.00	60.00	48.00	32.00	14.00	11.00	75.00	45.00	0.77
18.00	11.00	62.00	53.00	34.00	14.00	11.00	80.00	50.00	0.99
20-22	12.00	78.00	62.00	44.00	18.00	15.00	100.00	60.00	2.12
24-25	13.00	86.00	68.00	48.00	20.00	16.00	110.00	65.00	2.76





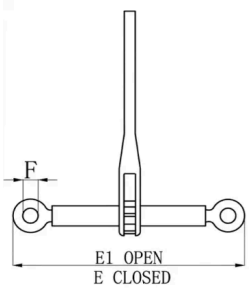


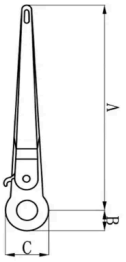
US Type Ratchet Load Binder

Forged Handle #45 Steel, Cast Handle, Handle Part Malleable Iron
Drop Forged, Casting
Plastic Powder Coating

Min-Max Chain Size(in)	WLL (lbs)	Proof Load (lbs)	Breaking Load (lbs)	Weight (lbs)	Handle Length (in)	A	B	C	E	E1	F	G
1/4-5/16	2200.00	4400.00	7800.00	3.52	7.16	7.16	0.89	1.77	16.22	21.26	17.79	0.35
5/16-3/8	5400.00	10800.00	19000.00	12.11	14.00	14.00	1.38	2.75	22.94	30.94	25.13	0.50
3/8-1/2	9200.00	18400.00	33000.00	14.70	14.00	14.00	1.38	2.75	22.94	33.25	27.63	0.63
1/2-5/8	13000.00	26000.00	46000.00	14.55	14.00	14.00	1.38	2.75	22.94	24.38	29.44	0.72





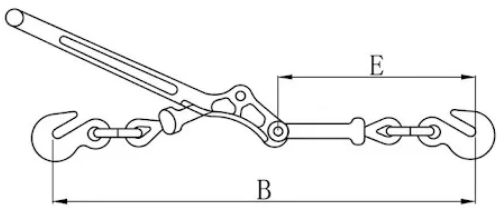


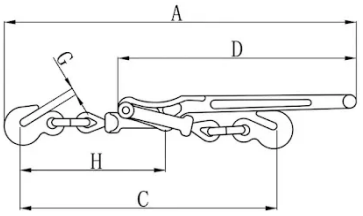
US Type Ratchet Load Binder without Hooks

Forged handle 45# steel, cast handle, malleable iron handle section
Drop forged, casting
Powder coating, electro-galvanized, hot-dip galvanized

Min-Max Chain Size (in)	WLL (lbs)	Proof Load (lbs)	Breaking Load (lbs)	Weight (lbs)	Handle Length (in)	A (in)	B (in)	C (in)	E (in)	E1 (in)	F (in)
5/16-3/8	5400.00	10800.00	19000.00	12.11	14.00	14.00	1.38	2.75	13.70	21.70	0.79
3/8-1/2	9200.00	18400.00	33000.00	14.70	14.00	14.00	1.38	2.75	13.70	21.70	1.02
1/2-5/8	13000.00	26000.00	46000.00	14.55	14.00	14.00	1.38	2.75	14.00	22.00	1.00





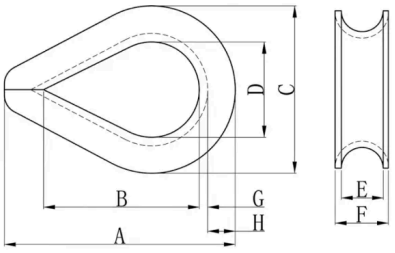


Min-Max Chain Size (in)	WLL (lbs)	Proof Load (lbs)	Breaking Load (lbs)	Weight (lbs)	Handle Length (in)	A (in)	B (in)	C (in)	E (in)	E1 (in)	F (in)
5/16-3/8	5400.00	10800.00	19000.00	12.11	14.00	14.00	1.38	2.75	13.70	21.70	0.79
3/8-1/2	9200.00	18400.00	33000.00	14.70	14.00	14.00	1.38	2.75	13.70	21.70	1.02
1/2-5/8	13000.00	26000.00	46000.00	14.55	14.00	14.00	1.38	2.75	14.00	22.00	1.00

US Type Lever Load Binder

Forged handle 45# steel, cast handle, malleable iron handle section
Drop forged, casting
Powder coating



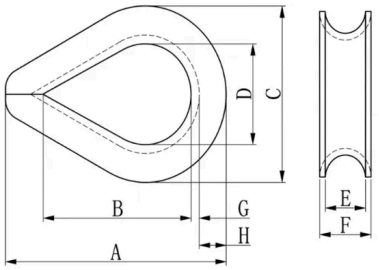


US Type Light Duty Wire Rope Thimble G-411

Q235 Carbon Steel
Stamping
Electro-galvanized, Hot-dip galvanized

Size (in)	Size (mm)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	Weight 100pcs (lbs)
1/8	3-4	1.94	1.31	1.06	0.69	0.25	0.16	0.05	0.13	3.50
3/16	5.00	1.94	1.31	1.06	0.69	0.31	0.22	0.05	0.13	3.50
1/4	6-7	1.94	1.31	1.06	0.69	0.38	0.28	0.05	0.13	3.50
5/16	8.00	2.13	1.50	1.25	0.81	0.44	0.34	0.05	0.13	4.00
3/8	9-10	2.38	1.63	1.47	0.94	0.53	0.41	0.06	0.16	6.70
1/2	11-13	2.75	1.88	1.75	1.13	0.69	0.53	0.08	0.19	12.50
5/8	16.00	3.50	2.25	2.38	1.38	0.91	0.66	0.13	0.34	34.50
3/4	18-20	3.75	2.50	2.69	1.63	1.08	0.78	0.14	0.34	47.10
7/8	22.00	5.00	3.50	3.19	1.88	1.27	0.94	0.16	0.44	84.60
1.00	24-26	5.69	4.25	3.75	2.50	1.39	1.06	0.16	0.41	97.50
1 1/8-1 1/4	28-32	6.25	4.50	4.31	2.75	1.75	1.31	0.22	0.50	175.00





US Type Extra Light Wire Rope Thimble G-414

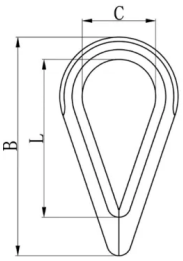
Q235 Carbon Steel
Stamping
Electro-galvanized, Hot-dip galvanized

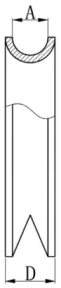
Size (in)	Size (mm)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	Weight 100pcs (lbs)
1/4	6-7	2.19	1.62	1.50	0.88	0.41	0.28	0.06	0.25	7.00
5/16	8.00	2.50	1.88	1.81	1.06	0.50	0.34	0.08	0.30	14.00
3/8	9-10	2.88	2.12	2.12	1.12	0.63	0.41	0.11	0.39	23.00
7/16	11-12	3.25	2.38	2.38	1.25	0.72	0.47	0.12	0.45	37.00
1/2-9/16	13-15	3.62	2.75	2.75	1.50	0.89	0.59	0.15	0.48	50.00
5/8	16.00	4.25	3.25	3.12	1.75	1.00	0.66	0.16	0.53	82.00
3/4	18-20	5.00	3.75	3.81	2.00	1.22	0.78	0.22	0.69	157.00
7/8	22.00	5.50	4.25	4.25	2.25	1.38	0.94	0.22	0.78	190.00
1.00	24-26	6.12	4.50	4.75	2.50	1.56	1.06	0.25	0.88	280.00
1 1/8-1 1/4	28-32	7.00	5.12	5.88	2.88	1.88	1.31	0.25	1.25	400.00
1 1/4-1 3/8	32-35	9.08	6.50	6.81	3.50	2.25	1.44	0.37	1.29	830.00
1 3/8-1 1/2	35-38	9.00	6.25	7.12	3.50	2.62	1.56	0.50	1.31	1250.00
1.50	40.00	11.25	8.00	8.12	4.00	3.00	1.72	0.50	1.38	1700.00
1.75	44.00	12.19	9.00	8.50	4.50	3.06	1.84	0.50	1.50	1860.00
1 7/8-2	48-52	15.12	12.00	10.38	6.00	3.38	2.09	0.50	1.69	2780.00
2.25	56.00	17.50	14.00	11.88	7.00	3.88	2.38	0.62	1.82	3950.00











DIN6899A

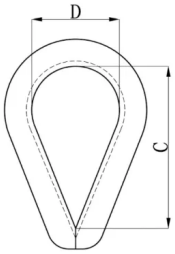
Q235 Carbon Steel
Stamping
Electro-galvanized, Hot-dip galvanized

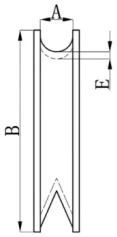
Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	L (mm)	Back thickness (mm)
3.00	3.00	30.00	11.00	5.00	23.50	1.00
4.00	4.00	34.00	12.00	6.00	26.50	1.00
5.00	5.00	36.00	13.00	7.00	28.00	1.00
6.00	6.00	38.00	14.00	8.00	30.00	1.00
8.00	8.00	46.00	16.00	10.00	35.00	1.20
10.00	10.00	60.50	20.00	13.00	46.30	1.50
12.00	12.00	68.00	24.00	15.00	51.50	1.50
13.00	13.00	75.00	26.00	17.00	53.00	1.80
14.00	14.00	82.00	28.00	18.00	61.00	1.80
16.00	16.00	91.00	32.00	21.00	68.50	2.50
18.00	18.00	102.00	35.00	24.00	82.00	2.75
20.00	20.00	114.00	40.00	28.00	85.00	3.75
22.00	22.00	126.00	44.00	30.00	95.00	3.75
24.00	24.00	138.00	48.00	32.00	106.00	3.75
28.00	28.00	162.00	56.00	35.00	—	4.75











DIN6899B

Q235 Carbon Steel
Stamping
Electro-galvanized, Hot-dip galvanized

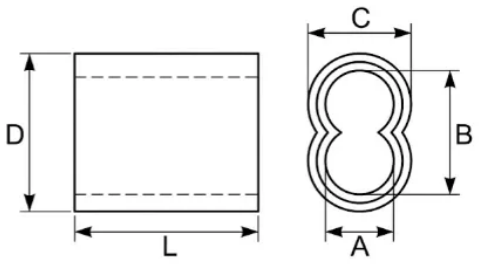
Size (mm) (Rope Dia. x Groove Width)	Groove Width A	Length B	Inside Length C	Inside Width D	Back Thickness E	Weight/100pc (kg)
2.5x3	3.00	22.00	19.00	12.00	1.60	0.60
3.5x4	4.00	26.00	21.00	13.00	1.60	0.70
4x5	5.00	32.00	23.00	14.00	1.90	0.90
5x6	6.00	38.00	25.00	16.00	2.40	1.80
6x7	7.00	44.00	28.00	18.00	2.40	1.90
7x8	8.00	51.00	32.00	20.00	2.80	2.70
9x10	10.00	57.00	38.00	24.00	3.10	4.10
11x12	12.00	64.00	45.00	28.00	3.30	6.90
13x13	13.00	70.00	48.00	30.00	3.30	7.60
13x14	14.00	76.00	51.00	32.00	3.70	9.20
15x16	16.00	83.00	58.00	36.00	3.80	16.40
16x17	17.00	89.00	61.00	38.00	4.70	19.00
17x18	18.00	95.00	64.00	40.00	4.70	20.30
18x20	20.00	102.00	72.00	45.00	5.70	27.30
20x22	22.00	114.00	80.00	50.00	5.70	28.60
22x24	24.00	127.00	90.00	56.00	6.50	44.80
24x26	26.00	140.00	99.00	62.00	6.80	57.70
26x28	28.00	152.00	112.00	70.00	8.00	72.00
28x30	30.00	165.00	120.00	75.00	8.00	104.00
30x32	32.00	178.00	128.00	80.00	8.00	115.00
32x34	34.00	203.00	152.00	95.00	8.50	153.00
34x36	36.00	216.00	160.00	100.00	8.50	176.00
36x38	38.00	229.00	176.00	110.00	8.50	195.00
38x40	40.00	241.00	184.00	115.00	10.50	292.00
40x42	42.00	254.00	192.00	120.00	10.50	320.00
42x45	45.00	305.00	240.00	150.00	10.50	364.00
47x50	50.00	360.00	265.00	160.00	12.00	535.00
57x60	60.00	380.00	275.00	170.00	12.00	790.00
63x65	65.00	420.00	300.00	180.00	13.00	830.00
72x75	75.00	460.00	350.00	200.00	15.00	1200.00
87x90	90.00	500.00	370.00	210.00	18.00	2600.00
97x100	100.00	550.00	380.00	220.00	20.00	3050.00







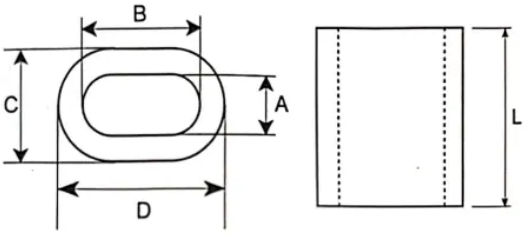




US Type Aluminum Duplex Sleeve

SIZE		A		B		C		D		L		WEIGHT Kgs/ 1000Pcs
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
3/64	1.19	1/16	1.59	1/8	3.18	9/64	3.60	13/64	5.20	3/8	9.50	0.276
1/16	1.58	5/64	1.98	5/32	3.97	11/64	4.40	1/4	6.40	3/8	9.50	0.433
5/64	1.98	3/32	2.38	3/16	4.76	13/64	5.20	5/16	7.90	3/8	9.50	0.645
3/32	2.38	1/8	3.18	1/4	6.35	9/32	7.10	13/32	10.30	1/2	12.70	1.450
1/8	3.18	5/32	3.97	5/16	7.94	11/32	8.70	1/2	12.70	5/8	15.80	2.700
5/32	3.97	3/16	4.76	3/8	9.53	3/8	9.53	9/16	14.30	11/16	17.40	3.670
3/16	4.76	7/32	5.56	7/16	11.11	7/16	11.11	21/32	16.70	1	25.40	7.180
7/32	5.56	1/4	6.35	1/2	12.70	1/2	12.70	3/4	19	1 1/16	26.90	10.000
1/4	6.35	9/32	7.14	9/16	14.29	17/32	13.50	13/16	20.60	1 1/8	28.50	11.760
9/32	7.14	5/16	7.94	5/8	15.88	9/16	14.30	7/8	22.20	1 3/16	30.10	13.620
5/16	7.94	3/8	9.53	23/32	19.05	11/16	17.50	1 1/32	26.20	1 1/4	31.70	20.940
3/8	9.53	7/16	11.11	27/32	22.23	3/4	19.10	1 5/32	29.40	1 7/16	36.50	28.180
7/16	11.11	1/2	12.70	1	25.40	15/16	23.80	1 7/16	36.50	1 11/16	42.80	52.000
1/2	12.70	9/16	14.29	1 1/8	28.58	1 1/16	27	1 5/8	41.30	2	50.80	80.150
9/16	14.29	5/8	15.88	1 1/4	31.75	1 1/8	28.60	1 3/4	44.50	2 1/8	53.90	99.880
5/8	15.88	11/16	17.46	1 3/8	34.93	1 1/4	31.80	1 15/16	49.20	2 1/2	63.50	139.780

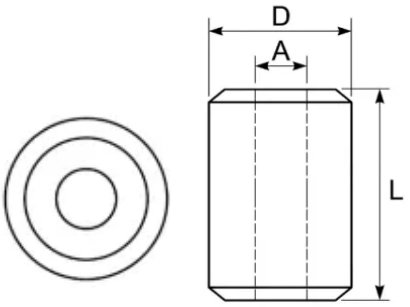




US Type Aluminum Oval Sleeves

SIZE	A (in)	B (in)	C (in)	D (in)	L (in)	WEIGHT Lbs/100Pcs
1/4"	19/64	19/32	17/32	27/32	1	2.30
5/16"	3/8	3/4	21/32	11/32	1 17/84	4.30
3/8"	7/16	27/32	3/4	15/32	1 3/8	5.30
7/16"	1/2	1	29/32	1 13/32	1 23/32	11.00
1/2"	19/32	1 11/64	1 1/32	1 5/8	1 5/16	16.50
9/16"	23/32	1 3/8	1 7/32	57/64	2 7/32	22.00
5/8"	3/4	1 1/2	1 3/8	2 3/32	2 1/2	32.00
3/4"	53/64	1 11/16	1 1/2	2 3/8	2 7/8	52.00
7/8"	61/64	1 7/8	1 1/16	2 5/8	3	67.00
1"	1 3/32	2 7/32	1 31/32	3 3/32	3 3/4	125.00
1 1/8	9/32	2 9/16	2 5/16	3 19/32	4 9/32	172.00
1 1/4"	1 3/32	2 25/32	2 1/2	3 7/8	4 7/16	214.00
1 1/2"	1 21/32	3 19/64	3 1/8	4 3/4	5 35/64	390.00

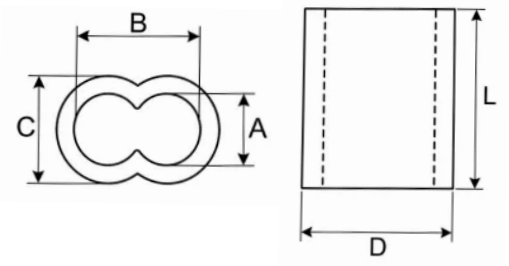




US Type Aluminum Round Sleeves

SIZE	A(mm) Inner Dia	D(mm) Outer Dia	L(mm) Length	WEIGHT Kgs/1000Pcs
3/64"	1.54	4.40	4.16	0.24
1/16"	1.92	6.35	4.16	0.28
5/64"	2.38	6.35	4.16	0.28
3/32"	2.90	8.72	7.95	1.05
1/8"	3.86	8.72	7.95	0.95
5/32"	4.70	11.11	8.73	1.76
3/16"	5.54	11.11	8.73	1.69
7/32	6.35	11.11	8.73	1.50
1/4"	7.20	17.46	17.46	9.07
5/16	9.53	17.46	17.46	7.46
3/8"	11.13	17.46	17.46	6.58
1/2"	14.28	26.98	26.98	30.32
9/16"	15.88	28.60	31.75	38.52
5/8"	17.46	31.75	31.75	47.88





US Style Copper Duplex Sleeve

SIZE	A	B	C	D	L	WEIGHT Kgs/1000Pcs
3/64"	1/16	1/8	9/64	13/64	3/8	1.00
1/16"	3/32	1/64	11/64	1/4	25/64	1.40
3/32	7/64	1/4	15/64	3/8	29/64	4.00
1/8"	5/32	21/64	21/64	1/2	9/16	8.00
5/32"	3/16	27/64	3/8	19/32	5/8	2.30
3/16"	7/32	7/16	7/16	43/64	7/8	25.00
7/32	1/4	33/64	5/32	23/32	7/8	32.00
1/4"	9/32	19/32	17/32	27/32	11/8	36.00
5/16	3/8	23/32	21/32	11/64	11/8	64.00
3/8"	7/16	13/16	23/32	11/8	11/2	89.00
1/2"	19/32	17/64	31/32	115/32	17/8	270.00



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