

PROFESSIONAL CARGO
CONTROL SUPPLIER



**QINGDAO ZHENTAIYUAN
METAL PRODUCT CO., LTD**

TEL: +86-185 6398 0081

E-MAIL: inquiry@zty-hardware.com

Official Website: <http://www.ztycargocontrol.com>

Office Address: 230 SHENZHEN RD, 2-1903, QINGDAO, CHINA 266000

Production Facility: JIN HUANG INDUSTRIAL PARK, JIMO DISTRICT
QINGDAO, CHINA 266000



CARGO CONTROL

Product Catalog Vol 2

COMPANY PROFILE

QINGDAO ZHENTAIYUAN METAL PRODUCT

Qingdao Zhentaiyuan(ZTY) Metal Products Co., was established with the goal of providing our customers worldwide with the high quality products and high level of professional services at the most reasonable prices. Our founder Mr. Kezhen Yuan, who started in metal manufacturing and exporting business almost 40 years ago, developed expertise not only in budget control, production, QC, but a strong supplier network with the Chinese metal product manufacturers, which the extensive contacts enable us to produce and supply products that suit your budget and specifications.

Our goal here at ZTY is to cultivate long-term business relationships. We have clients with whom we have collaborated for over 20 years and trusts are not built overnight. We would like to assure our customers a hassel-free before and after sales environment. Our sales team are well trained and will make sure the communication process is easy and clear. We welcome your inquiry and look forward to assisting you in any way we can.

PRECISE

EFFICIENT

INNOVATE

ON TIME



DURABILITY

RELIABILITY

BUILD TO LAST

PRODUCTS

Our products are currently sold to North America, Southeast Asia and European countries, and we are aiming to supply all customers worldwide with standard and customized products.

Products we supply include a wide range of cargo control products: winches, varies loading bars, chains, accessories and rigging hardware. In the meantime, we accept orders with special customization, we can fulfill your needs based on your design and material requirements.

For details, please contact us:

Email: inquiry@zty-hardware.com

Wechat: vickyzy2019

Cellphone: +86-185 6398 0081





SAMPLE DISPLAY

PRODUCT CATALOG

○ DEKING BEAM	01/02
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DECKING BEAM

DECKING BEAM HEADS



STANDARD DECKING BEAM HEADS

Item Number: #27101
Weight: 1.5kgs
Thickness: 2.5mm



PREMIUM DECKING BEAM ENDS

Item Number: #27102
Weight: 1.7kgs
Thickness: 3.0mm

BEAM SOCKET



#27103

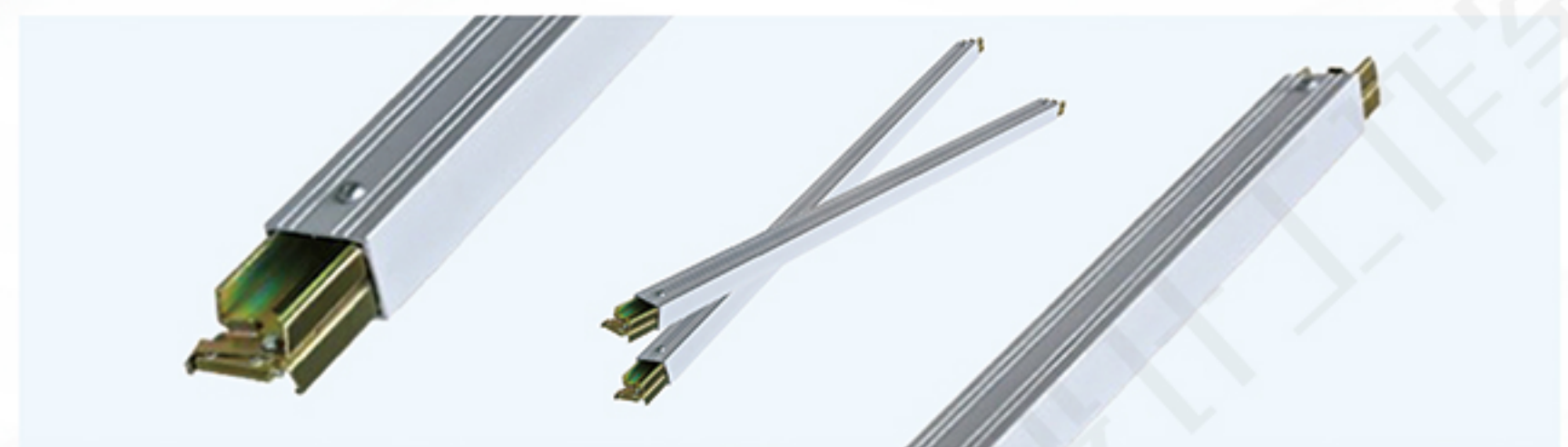
Weight: 0.42kgs

RELEASE BAR SET



#27104

HEAVY DUTY DECKING BEAM



Item Number	L(mm)/(in)	Working Load Limit(Lb/kg)	Weight(kgs)
#DBH-96	(2159-2438)/(85"-96")	3000/1350	10.0
#DBH-102	(2337-2616)/(92"-103")	3000/1350	10.5

STANDARD DECKING BEAM



Item Number	L(mm)/(in)	Working Load Limit(Lb/kg)	Weight(kgs)
#DB-96	(2159-2438)/(85"-96")	2200/1000	8.4
#DB-102	(2337-2616)/(92"-103")	2200/1000	8.75

STEEL DECKING BEAM



Item Number	L(mm)/(in)	Working Load Limit(Lb/kg)	Weight(kgs)
#DBS-96	(2159-2438)/(85"-96")	3000/1350	11.1
#DBS-102	(2337-2616)/(92"-103")	3000/1350	11.7

SHORING BAR

STEEL SHORING BAR WITH ROUND TUBE



Item Number	D(mm)/(in)	L(mm)/(in)	Weight(kg)
SHB-101	38/1.5"	(2005-2405)/(79"-94.7")	5.2
SHB-102	38/1.5"	(2100-2610)/(87"-102.8")	5.5
SHB-103	38/1.5"	(2311-2946)/(91"-116")	6.0
SHB-104	38/1.5"	(2286-2946)/(90"-116")	6.0
SHB-105	38/1.5"	(2311-2794)/(90"-110")	5.8
SHB-106	38/1.5"	(1660-2060)/(65.4"-81.1")	4.7
SHB-107	38/1.5"	(2085-2485)/(82.1"-97.8")	5.4
SHB-108	38/1.5"	(2445-2856)/(96.3"-112")	6.0

COIL RACKS

STANDARD COIL RACK



#CR-10

Made with 10 gauge steel with a black painted finish. Weight: 2.27kgs/5lbs

HEAVY DUTY COIL RACK



#CR-HD

Made with 1/4" steel with a black painted finish. Weight: 7.05kgs/15.5lbs

CARGO BAR

STEEL TUBE CARGO BAR W/4X4 FOOT PAD



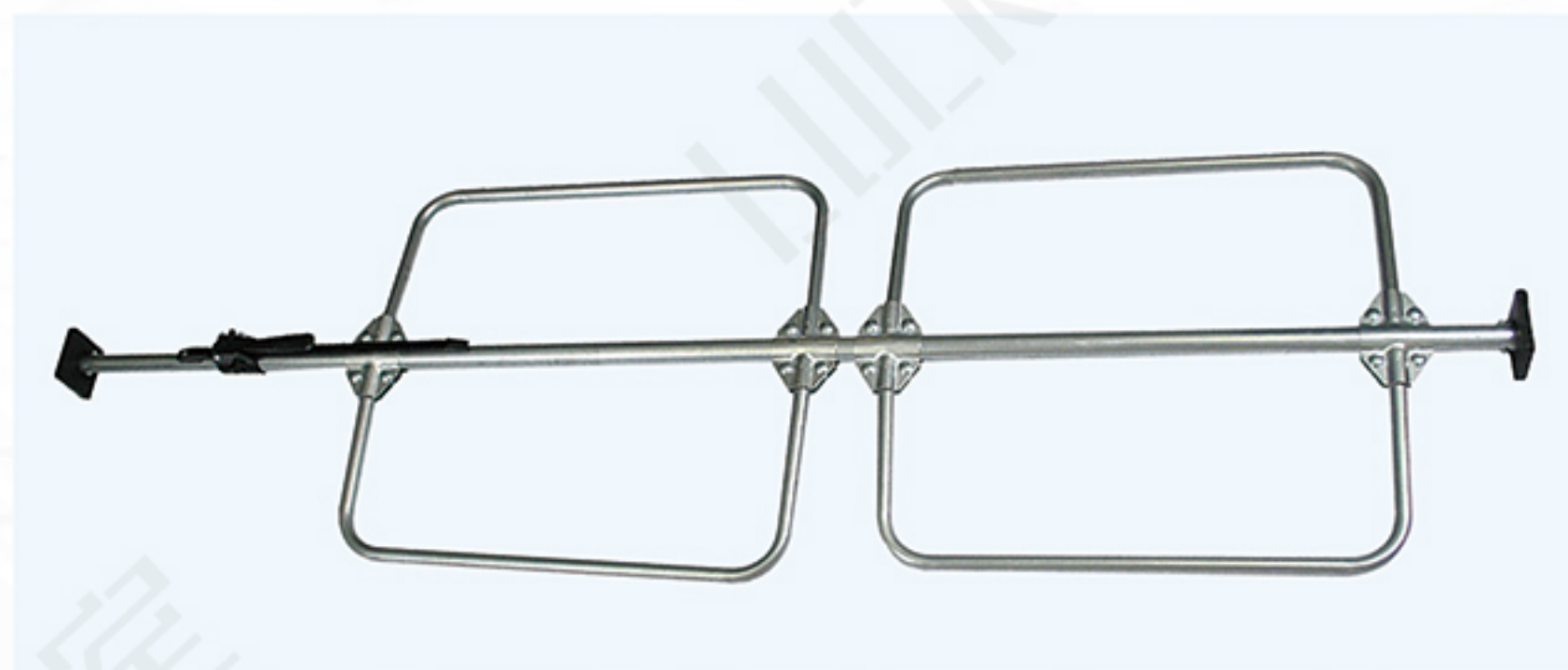
Item Number	D(in)	L(in)	Weight(kg)	Foot pad(in)
#CB-201-1	1.5"	60"-75"	4.2	Rubber 4"x4"
#CB-201-2	1.5"	90"-105"	5.2	Rubber 4"x4"
#CB-201-3	1.5"	92.5"-107.5"	5.3	Rubber 4"x4"
#CB-201-4	1.5"	101"-116"	5.5	Rubber 4"x4"

STEEL TUBE CARGO BAR W/2X4 FOOT PAD



Item Number	D(in)	L(in)	Weight(kg)	Foot pad(in)
#CB-202-1	1.5"	46"-61"	3.7	Rubber 2.5"x4"
#CB-202-2	1.5"	60"-75"	4.2	Rubber 2.5"x4"
#CB-202-3	1.5"	90"-105"	5.2	Rubber 2.5"x4"
#CB-202-4	1.5"	92.5"-107.5"	5.3	Rubber 2.5"x4"
#CB-202-5	1.5"	101"-116"	5.5	Rubber 2.5"x4"
#CB-202-6	1.5"	97"-112"	5.4	Rubber 2.5"x4"

CARGO BAR WITH HOOP



Item Number	D(in)	L(in)	Weight(kg)	Foot pad(in)
#CB-205-1	1.5"	90"-105"	11.6	Plastic 2.5"x4"
#CB-205-2	1.5"	97"-112"	11.8	Plastic 2.5"x4"

CARGO BAR HOLDER



#CB-HD
Weight: 2.3kgs/5lbs

JACK BAR

JACK BAR W/WELDED

JACK BAR W WELDED SQUARE TUBE



Item Number	D(in)	L(in)	Weight(kg)
#2011-101	1.5"	86"-104"	5.8
#2011-102	1.5"	86"-107"	5.9
#2011-103	1.5"	86"-109"	6.0
#2011-104	1.5"	86"-115"	6.2
#2011-105	1.5"	86"-119"	6.4

JACK BAR W WELDED ROUND TUBE



Item Number	D(in)	L(in)	Weight(kg)
#2012-101	1.65"	86"-104"	5.3
#2012-102	1.65"	86"-107"	5.4
#2012-103	1.65"	86"-109"	5.5
#2012-104	1.65"	86"-115"	5.7

JACK BAR W/HOOPS



Item Number	D(in)	L(in)	Weight(kg)
#2013	1.5"	86"-104"	12.3

SQUARE TUBE JACK BAR



Item Number	D(in)	L(mm)	Weight(kg)
#2014	35	1880-2852	6.9

FOLDABLE JACK BAR W/WELDED SQUARE TUBE



Item Number	D(in)	L(in)	Weight(kg)
#2015	1.5"	87"-116"	6.84

JACKING MECHANISM



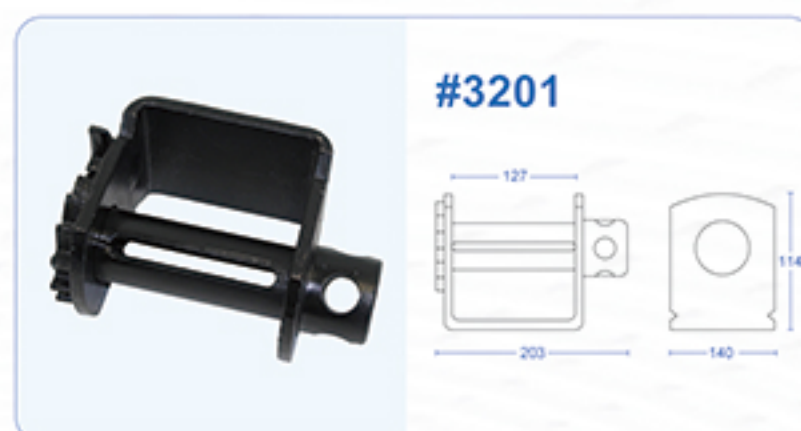
Item Number	L(in)	Weight(kg)
#2027	27"	2.0kgs
#2035	35"	2.3kgs

WINCH

SLIDING WINCHES



• STANDARD SLIDING WINCH



• LOW PROFILE SLIDING WINCH



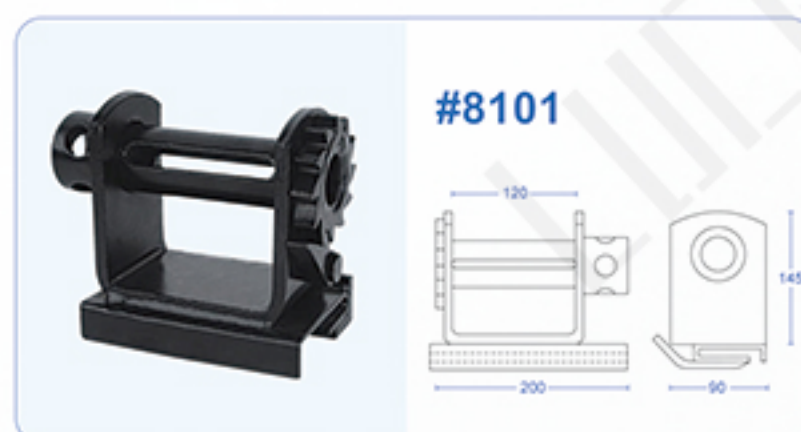
• DEEP STORABLE SLIDING WINCH



• STANDARD DOUBLE L SLIDING WINCH



• SLIDING WINCH TRACK



• U-PLATE SLIDING WINCH

WELD ON WINCHES



• STANDARD WELD-ON WINCH



• LOW PROFILE WELD-ON WINCH



• DEEP STORABLE WELD-ON WINCH

PORTABLE WINCH



• STANDARD PORTABLE WINCH



• LOW PROFILE PORTABLE WINCH



• DEEP STORABLE PORTABLE WINCH

COMBINATION WINCH



• LOW PROFILE COMBINATION WINCH



• STANDARD COMBINATION WINCH

WINCH BARS

STANDARD PAINTED WINCH BAR

#3501

Weight: 2.27kgs/5.00lbs



STANDARD CHROME WINCH BAR

#3502

Weight: 2.27kgs/5.00lbs



COMBINATION WINCH BAR W/TIGHTENING FEATURE- PAINTED

#3601

Weight: 2.7kgs/6.60lbs



COMBINATION WINCH BAR W/TIGHTENING FEATURE- CHROME

#3602

Weight: 2.7kgs/6.60lbs



CHAIN

STRAP WINDER



Item Number	Specification(in)	Weight(kg)
#7005	3"	1.2

CHAIN ANCHOR W/HOOK DELTA RING SET



Chain Anchor, w/Eye Grab Hook and (2",3",4")Delta Ring						
#7004-2	5/16"x18"	2" Delta Ring	+	5/16" Chain	+	5/16" Eye Grab Hook
#7004-3	3/8"x18"	3" Delta Ring	+	3/8" Chain	+	3/8" Eye Grab Hook
#7004-4	3/8"x18"	4" Delta Ring	+	3/8" Chain	+	3/8" Eye Grab Hook

LOGISTIC TRACK

HORIZONTAL E TRACK



HORIZONTAL E TRACK PAINTED

Item Number: #1900-10
SteelC: 2.5mm, 2.75mm, 3.0mm
L: 5ft, 8ft, 10ft

HORIZONTAL E TRACK GALVANIZED

Item Number: #1901-10
SteelC: 2.5mm, 2.75mm, 3.0mm
L: 5ft, 8ft, 10ft

VERTICAL E TRACK



VERTICAL E TRACK PAINTED

Item Number: #1902-10
SteelC: 2.5mm, 2.75mm, 3.0mm
L: 4ft, 5ft, 8ft, 10ft

VERTICAL E TRACK GALVANIZED

Item Number: #1903-10
SteelC: 2.5mm, 2.75mm, 3.0mm
L: 4ft, 5ft, 8ft, 10ft

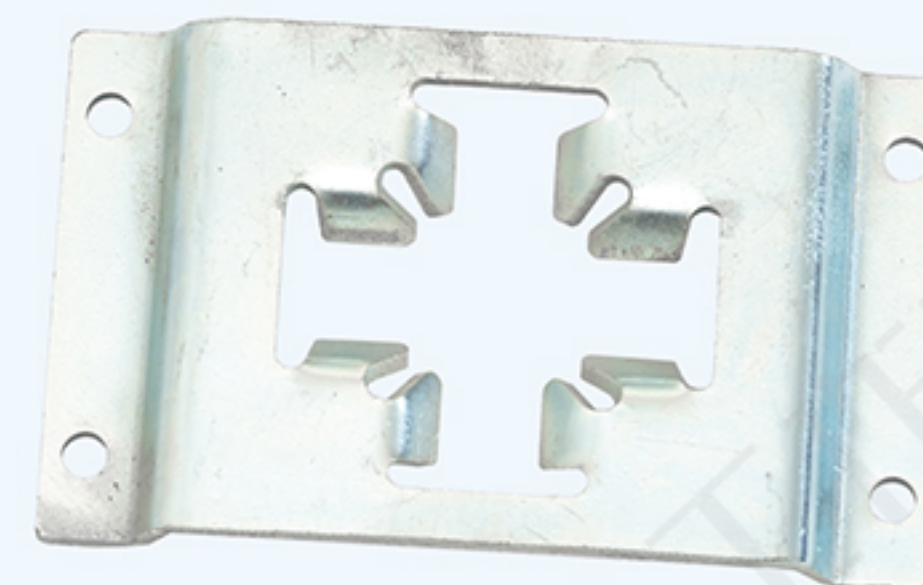
HORIZONTAL EO TRACK



#1904-10

SteelC: 2.5mm Aluminum C: 3.0mm Stainless Steelc: 2.0mm

HORIZONTAL X TRACK

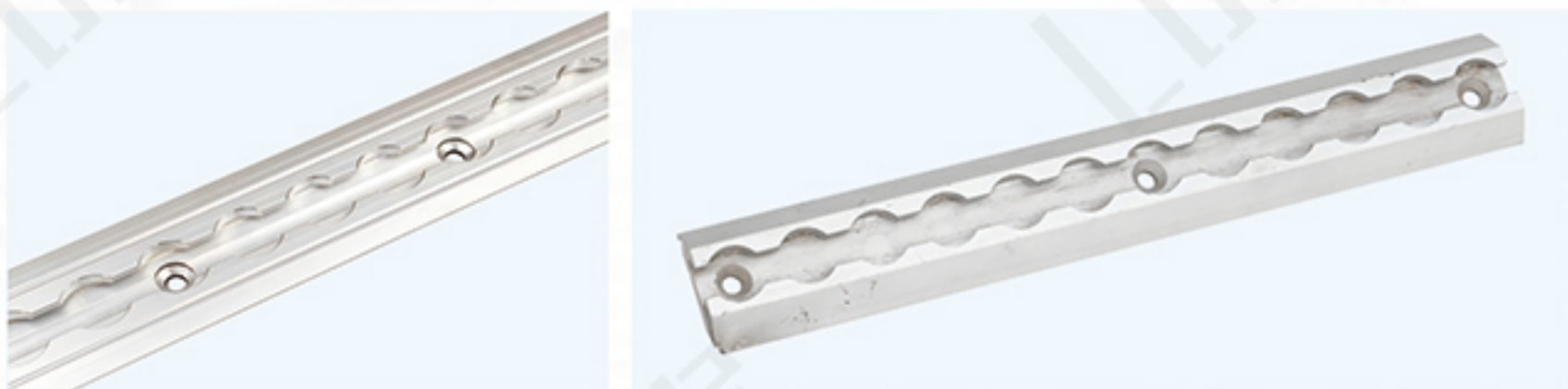


#1905-10

SteelC: 2.5mm, 2.75mm, 3.0mm
L: 5ft, 8ft, 10ft

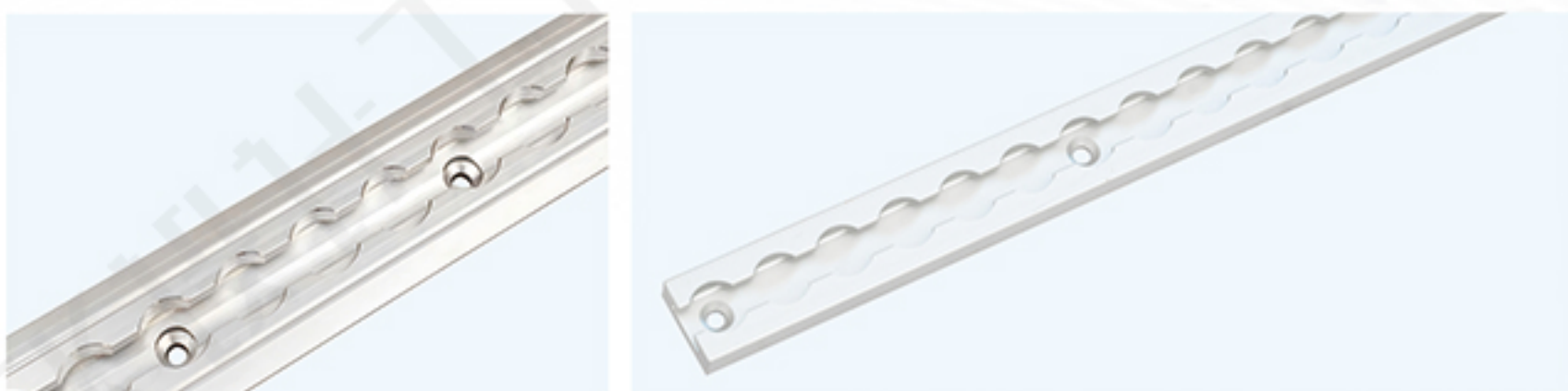
ALUMINUM TRACK

ALUMINUM TRACK



#AT-01

ALUMINUM TRACK



#AT-02

ALUMINUM TRACK FITTINGS ROUND



#AT-11

Specification: $\phi 45 \times 10.3$ Weight: 0.019kg

ALUMINUM TRACK FITTINGS OVAL



#AT-12

FITTING NUTS AND BOLTS



#AT-13

TRACK BOLTS



#AT-14

RUBBER FOOT PADS

BOLT ON RUBBER FOOT PADS SMALL



#6501
Weight: 0.32kg
Specification: 4"x4"

BOLT ON RUBBER FOOT PADS LARGE



#6502
Weight: 0.35kg
Specification: 4"x4"

RUBBER FOOT PADS



#6601
Weight: 0.25kg
Specification: 4"x4"

CORNER PROTECTORS

PLASTIC CORNER PROTECTOR(WHITE)



#6001
For 2", 3" and 4" web
Weight: 0.09kgs/0.2 lbs

12" PLASTIC CORNER PROTECTOR



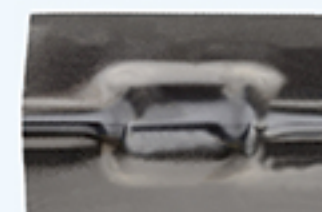
#6002
Weight: 0.45kgs/0.63lbs

STEEL CORNER PROTECTOR



#6101
heat treated 12 gauge steel
Weight: 0.59kgs/1.3lbs

STEEL CORNER PROTECTOR W/RUBBER BACK



#6102
Weight: 0.91kgs/2lbs

RUBBER CORNER PROTECTOR



#6103
Weight: 0.45kgs/10oz

RIGGING HARDWARE

DELTA RING



Item Number	Size(in)	Dimensions(mm)				Weight(lbs)	MBS(lbs)
		A	B	C	D		
#7002	3	107	60	14	20	0.79	18000
#7003	4	140	74	15	25	1.37	20000

D-RINGS

• FORGED LASHING D RING W/MOUNTING



Item Number	Size(in)	MBS(lbs)	Finish
#7102	3/4"	26500	Raw Finish
#7103	5/8"	18390	Raw Finish
#7104	1/2"	12000	Raw Finish

• D RING W/TOP CAP

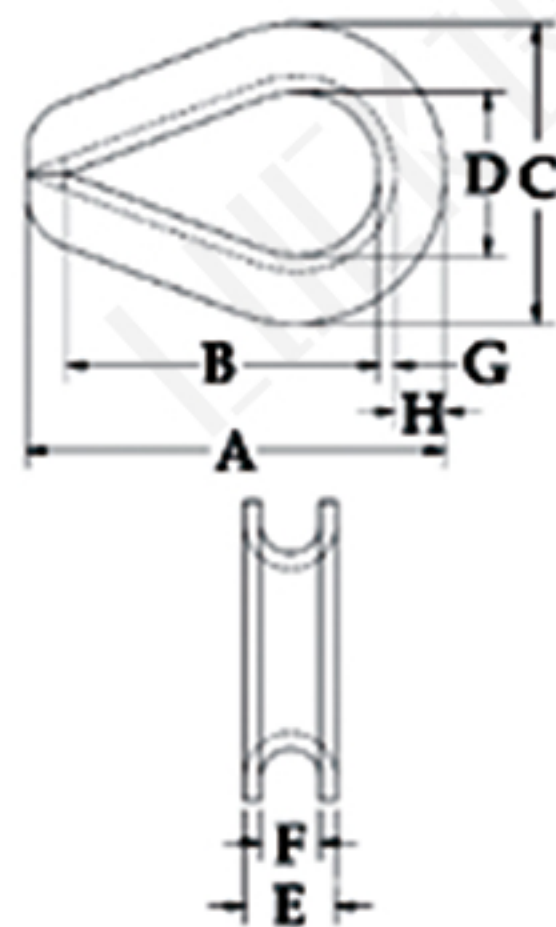


Item Number	Size(in)	MBS(lbs)	Finish
#7105	1/2"	12000	Yellow Chrome

THIMBLES

• G414 HEAVY DUTY WIRE ROPE THIMBLES

#TH2001

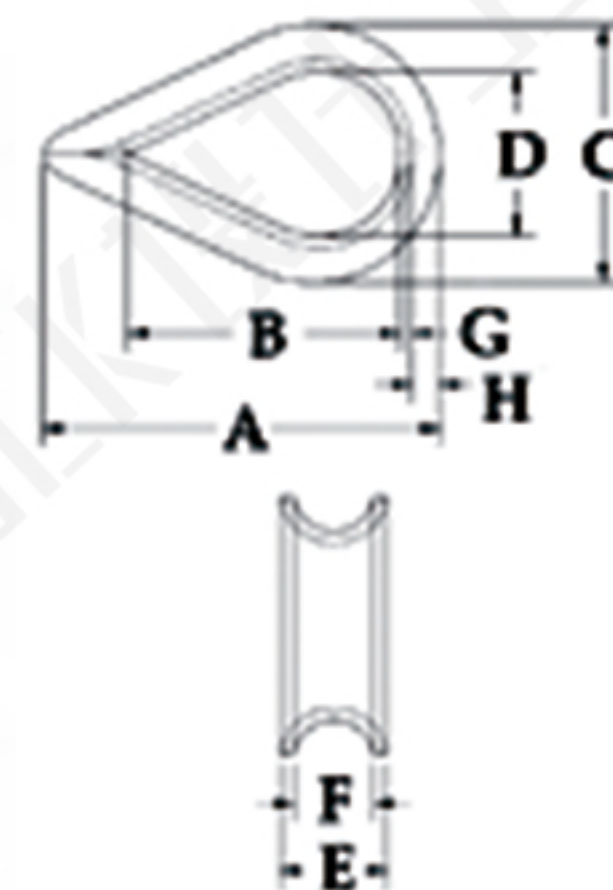


Rope Diameter		Weight Per 100(lb)	Dimensions(in)							
(in)	(mm)		A	B	C	D	E	F	G	H
1/4	6-7	7	2.19	1.62	1.50	.88	.41	.28	.06	.25
5/16	8	14	2.50	1.88	1.81	1.06	.50	.34	.08	.30
3/8	9-10	23	2.88	2.12	2.12	1.12	.63	.41	.11	.39
7/16	11-12	37	3.25	2.38	2.38	1.25	.72	.47	.12	.45
1/2-9/16	13-15	50	3.62	2.75	2.75	1.50	.89	.59	.15	.48
5/8	16	82	4.25	3.25	3.12	1.75	1.00	.66	.16	.53
3/4	18-20	157	5.00	3.75	3.81	2.00	1.22	.78	.22	.69
7/8	22	190	5.50	4.25	4.25	2.25	1.38	.94	.22	.78
1	24-26	280	6.12	4.50	4.75	2.50	1.56	1.06	.25	.88
1-1/8-1-1/4	28-32	-	7.00	5.12	5.88	2.88	1.88	1.31	.25	1.25
1-1/4-1-3/8	32-35	830	9.08	6.50	6.81	3.50	2.25	1.44	.37	1.29
1-3/8-1-1/2	35-38	1250	9.00	6.25	7.12	3.50	2.62	1.56	.50	1.31
1-5/8	40	-	11.25	8.00	8.12	4.00	3.00	1.72	.50	1.38
1-3/4	44	1860	12.19	9.00	8.50	4.50	3.06	1.84	.50	1.50
1-7/8-2	48-52	2780	15.12	12.00	10.38	6.00	3.38	2.09	.50	1.69
2-1/4	56	-	17.50	14.00	11.88	7.00	3.88	2.38	.62	1.82

THIMBLES

• G411 STANDARD WIRE ROPE THIMBLES

#TH2002

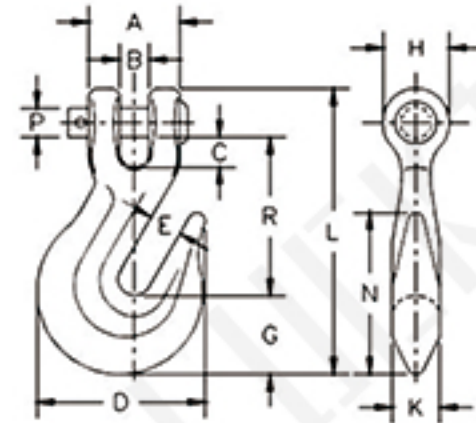


Rope Diameter		Weight Per 100(lb)	Dimensions(in)							
(in)	(mm)		A	B	C	D	E	F	G	H
1/8	3-4	3.50	1.94	1.31	1.06	.69	.25	.16	.05	.13
3/16	5	3.50	1.94	1.31	1.06	.69	.31	.22	.05	.13
1/4	6-7	3.50	1.94	1.31	1.06	.69	.38	.28	.05	.13
5/16	8	4.00	2.13	1.50	1.25	.81	.44	.34	.05	.13
3/8	9-10	6.70	2.38	1.63	1.47	.94	.53	.41	.06	.16
1/2	11-13	12.50	2.75	1.88	1.75	1.13	.69	.53	.08	.19
5/8	16	34.50	3.50	2.25	2.38	1.38	.91	.66	.13	.34
3/4	18-20	47.10	3.75	2.50	2.69	1.63	1.08	.78	.14	.34
7/8	22	84.60	5.00	3.50	3.19	1.88	1.27	.94	.16	.44
1	24-26	97.50	5.69	4.25	3.75	2.50	1.39	1.06	.16	.41
1-1/8-1-1/4	28-32	175.00	6.25	4.50	4.31	2.75	1.75	1.31	.22	.50

HOOK

• A330/H330 CLEVIS GRAB HOOKS

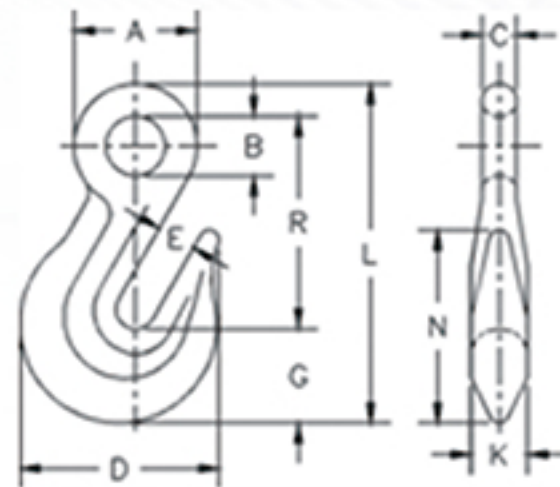
#H1201



Chain Size (in)	Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)											
			lb	B	C	D	E	G	H	K	L	N	P	R
1/4	3500	.36	1.00	.32	.31	1.81	.34	.38	.72	.47	3.05	1.75	.31	1.64
5/16	4700	.62	1.22	.43	.36	2.12	.44	.97	.91	.59	3.66	2.06	.38	2.02
3/8	7100	1.00	1.42	.48	.49	2.53	.50	1.17	1.00	.72	4.42	2.34	.44	2.41
1/2	12000	2.22	1.88	.57	.51	3.56	.66	1.53	1.25	.78	5.72	2.97	.63	3.19
5/8	18100	4.41	2.31	.71	.67	4.39	.78	1.78	1.56	1.09	6.83	4.31	.75	4.09
3/4	24700	6.50	2.62	.94	.94	5.22	.94	2.13	1.88	1.31	8.13	5.09	.88	4.63

• A323/H323 EYE GRAB HOOKS

#H1202

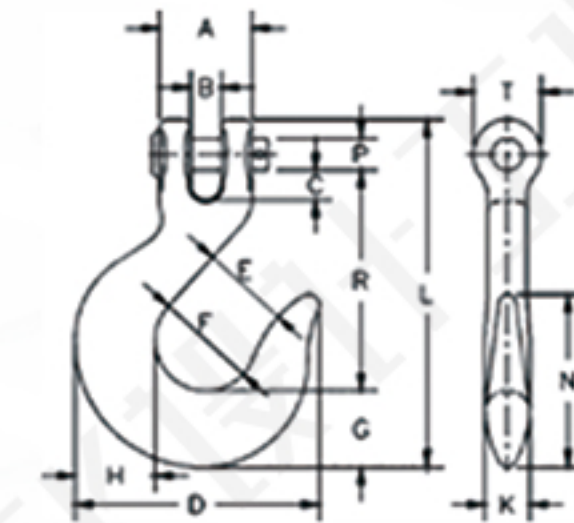


Chain Size (in)	Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)											
			(lb)	B	C	D	E	G	K	L	N	R		
1/4	3500	.28	1.09	.53	.31	1.81	.34	.88	.47	3.05	1.75	1.88		
5/16	4700	.45	1.31	.62	.38	2.12	.44	.97	.59	3.59	2.06	2.28		
3/8	7100	.79	1.56	.75	.44	2.53	.50	1.17	.72	4.28	2.34	2.69		
1/2	12000	1.75	1.94	.88	.53	3.56	.66	1.53	.78	5.44	2.97	3.38		
5/8	18100	3.25	2.48	1.16	.66	4.41	.79	1.89	1.16	6.82	4.25	4.25		
3/4	24700	5.94	2.88	1.38	.75	5.22	.94	2.13	1.31	8.06	5.09	5.16		

HOOK

• A331/H331 CLEVIS SLIP HOOK

#H1203

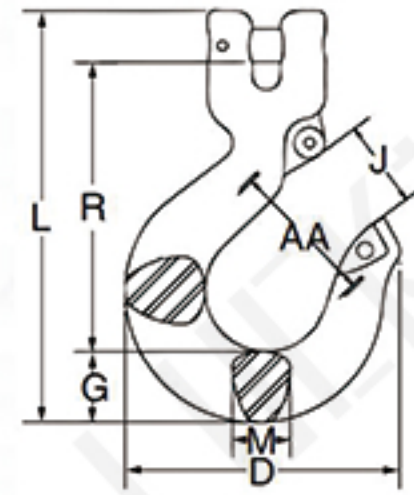


Chain Size (in)	Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)														
			A	B	C	D	E	F	G	H	K	L	N	P	R	T	
1/4	2750	0.55	1.06	0.32	0.29	2.76	0.94	1.19	0.81	0.88	0.50	3.94	2.13	0.31	2.58	0.72	
5/16	4300	0.79	1.22	0.43	0.34	3.05	1.06	1.25	0.94	1.00	0.56	4.53	2.24	0.38	2.87	0.97	
3/8	5250	1.21	1.38	0.45	0.44	3.62	1.31	1.50	1.13	1.19	0.66	5.16	2.56	0.44	3.25	1.06	
7/16	7000	2.05	1.73	0.59	0.60	4.33	1.56	1.81	1.38	1.44	0.81	5.98	3.05	0.56	3.70	1.19	
1/2	9000	2.76	1.88	0.57	0.53	4.80	1.69	1.94	1.56	1.63	0.91	6.54	3.44	0.63	4.02	1.31	
5/8	13500	4.74	2.30	0.71	0.71	5.63	2.01	2.38	1.81	1.94	1.09	7.87	4.02	0.75	4.92	1.56	
3/4	19250	11.28	3.19	1.18	1.29	7.38	2.50	3.00	2.38	2.50	1.44	10.02	5.06	1.00	6.09	2.09	

HOOK

• A1339 CLEVIS SLING HOOK

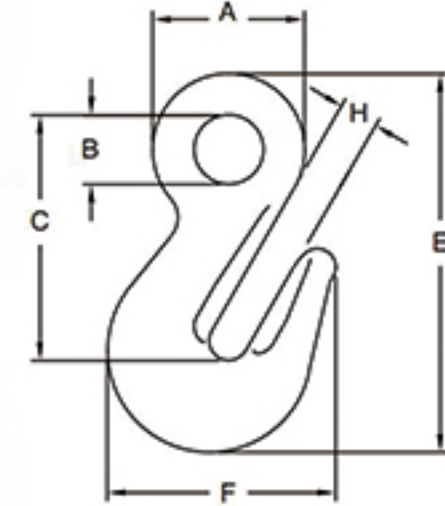
#H1205



Chain Size		Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)						
(in)	(mm)			D	G	J	L	M	R	AA
-	6	3200	0.64	2.86	0.73	0.93	4.21	0.63	2.95	1.50
1/4	7	4300	1.58	3.86	1.04	1.19	5.67	0.75	3.97	2.00
5/16	8	5700	1.57	3.86	1.04	1.19	5.67	0.75	3.95	2.00
3/8	10	8800	2.58	4.38	1.19	1.53	6.75	1.00	4.71	2.50
1/2	13	15000	5.28	5.60	1.44	1.78	8.38	1.17	5.89	3.00
5/8	16	22600	9.81	6.76	1.89	2.41	10.21	1.44	6.97	4.00
3/4	18-20	35300	18.3	8.31	2.83	2.69	13.07	1.97	8.00	4.50
7/8	22-23	44100	24.6	9.17	3.07	3.05	13.98	1.97	8.76	5.00

• A1328 EYE GRAB HOOK

#H1206



Chain Size		Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)					
(in)	(mm)			A	B	C	E	F	H
1/4-5/16	7-8	5700	.98	1.75	.75	2.79	4.29	2.57	.44
3/8	10	8800	1.6	2.06	.94	3.33	5.13	3.09	.53
1/2	13	15000	3.3	2.56	1.12	4.11	6.38	3.83	.66
5/8	16	22600	6.0	3.07	1.31	4.91	7.62	4.53	.79
3/4	19-20	35300	10.0	3.25	1.50	5.41	8.76	6.00	.94
7/8	22-23	44100	13.1	3.94	1.81	6.48	10.10	6.53	1.09
1	26	59700	18.9	4.44	2.00	7.22	11.45	7.75	1.19
1 1/4	32	90400	39.4	5.64	2.38	9.08	14.59	9.50	1.50

HOOK

• S320 EYE HOOK

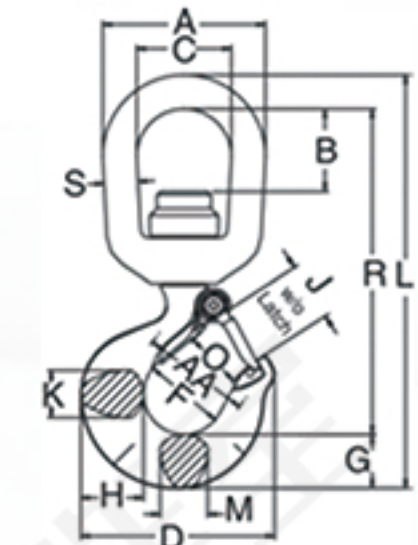
#H1207



Working Load Limit (t)		Weight Each (lb)
Carbon	Alloy	
0.75	1	.61
1	1.5	.89
1.5	2	1.44
2	3	2.07
3	5	4.30
5	7	8.30
7.5	11	15.00
10	15	20.77
15	22	39.50
20	30	60.00
25	37	105.00
40	45	148.00
40	60	228.00

• S3322 SWIVEL HOOK

#H1208

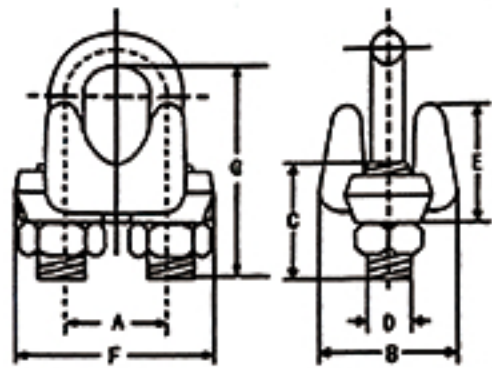


Working Load Limit (t)	Weight Each (lb)	Dimensions(in)																
		A	B	C	D	F	G	H	J	K	L	M	O	R	S	AA		
2	2.5	3.00	1.50	1.75	3.59	1.50	1.00	1.16	1.06	.88	7.64	.88	1.00	6.01	.63	2.00		
3	3.8	3.50	1.56	2.00	4.00	1.62	1.13	1.31	1.19	.94	8.60	.94	1.09	6.72	.75	2.00		
5	7.0	4.00	1.56	2.25	4.84	2.00	1.44	1.63	1.50	1.31	10.32	1.13	1.36	8.00	.88	2.50		
7	14.0	5.00	1.94	2.75	6.27	2.50	1.81	2.06	1.78	1.66	12.84	1.44	1.61	9.90	1.13	3.00		
11	22.3	5.62	2.05	3.12	7.54	3.00	2.25	2.63	2.41	1.88	15.24	1.63	2.08	11.74	1.25	4.00		
15	36.0	7.12	3.62	4.10	8.33	3.25	2.59	2.94	2.62	2.19	18.64	1.94	2.27	14.41	1.50	4.00		

CABLE CLIPS

• DIN 741 WIRE ROPE CLIP

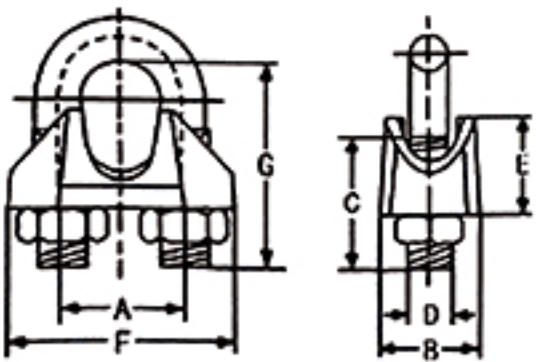
#C3101



RopeSize (mm)	Weight Each (kg/pc)	Dimensions(mm)					
		A	B	C	D	F	G
3	0.014	9	10	12	4	21	20
5	0.015	11	11	13	5	23	24
6.5	0.021	13	12	15	5	26	28
8	0.041	16	14	19	6	30	34
10	0.068	19	18	22	8	34	42
11	0.072	20	19	22	8	36	54
13	0.130	24	23	30	10	42	55
14	0.135	25	23	30	10	44	57
16	0.210	29	26	33	12	50	63
19	0.280	32	29	38	12	54	75
22	0.400	37	33	44	14	61	85
26	0.440	41	35	45	14	65	95
30	0.660	48	37	50	16	74	110
34	0.850	52	42	55	16	80	120
40	1.040	58	45	60	16	88	140

• DIN 1142 MALLEABLE WIRE ROPE CLIPS

#C3102

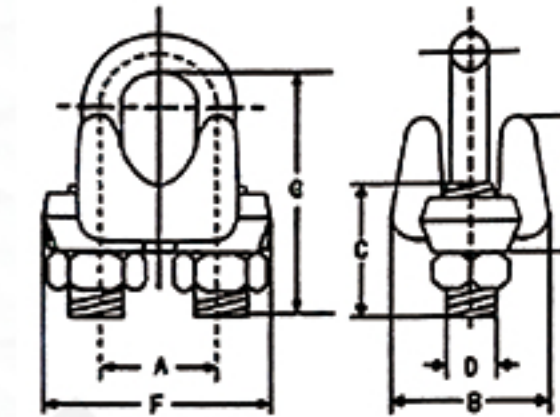


RopeSize (mm)	Weight Each (kg/pc)	Dimensions(mm)					
		A	B	C	D	F	G
5	0.021	12	13	13	5	25	25
6.5	0.040	14	16	14	6	30	32
8	0.082	18	20	20	8	39	41
10	0.092	20	20	24	8	40	46
13	0.275	27	28	30	12	55	64
16	0.430	32	32	35	14	64	76
19	0.490	36	32	36	14	68	83
22	0.680	40	34	40	16	74	96

CABLE CLIPS

• US TYPE DROP FORGED WIRE ROPE CLIP HDG

#C3103

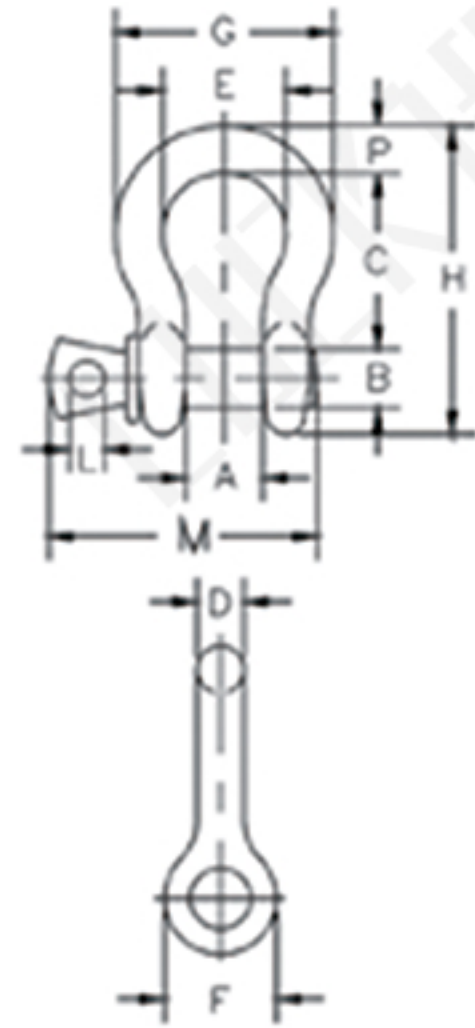


RopeSize (in.)	Weight Each (kg/pc)	Dimensions(in)				
		A	D	E	F	G
1/8	0.027	0.47	0.22	0.41	0.94	0.72
3/16	0.045	0.59	0.25	0.50	1.16	0.97
1/4	0.091	0.75	0.31	0.66	1.44	1.03
5/16	0.136	0.88	0.38	0.72	1.69	1.38
3/8	0.213	1.00	0.44	0.91	1.94	1.50
7/16	0.345	1.19	0.50	1.03	2.28	1.88
1/2	0.363	1.19	0.50	1.13	2.28	1.88
9/16	0.472	1.31	0.56	1.22	2.50	2.25
5/8	0.481	1.31	0.56	1.34	2.50	2.38
3/4	0.680	1.50	0.62	1.41	2.84	2.75
7/8	0.960	1.75	0.75	1.59	3.16	3.13
1	1.180	1.88	0.75	1.78	3.47	3.50
1 1/8	1.32	2.00	0.75	1.91	3.59	3.88
1 1/4	1.95	2.31	0.88	2.19	4.13	4.25
1 3/8	2.09	2.38	0.88	2.31	4.19	4.63
1 1/2	2.45	2.59	0.88	2.44	4.44	4.94
1 5/8	3.18	2.75	1.00	2.66	4.75	5.31
1 3/4	4.20	3.06	1.13	2.94	5.28	5.75
2	5.90	3.38	1.25	3.28	5.88	6.44
2 1/4	7.26	3.88	1.25	3.19	6.38	7.13
2 1/2	8.62	4.13	1.25	3.69	6.63	7.69

SHACKLE

• G209 SCREW PIN ANCHOR SHACKLES

#S2101 - 209A

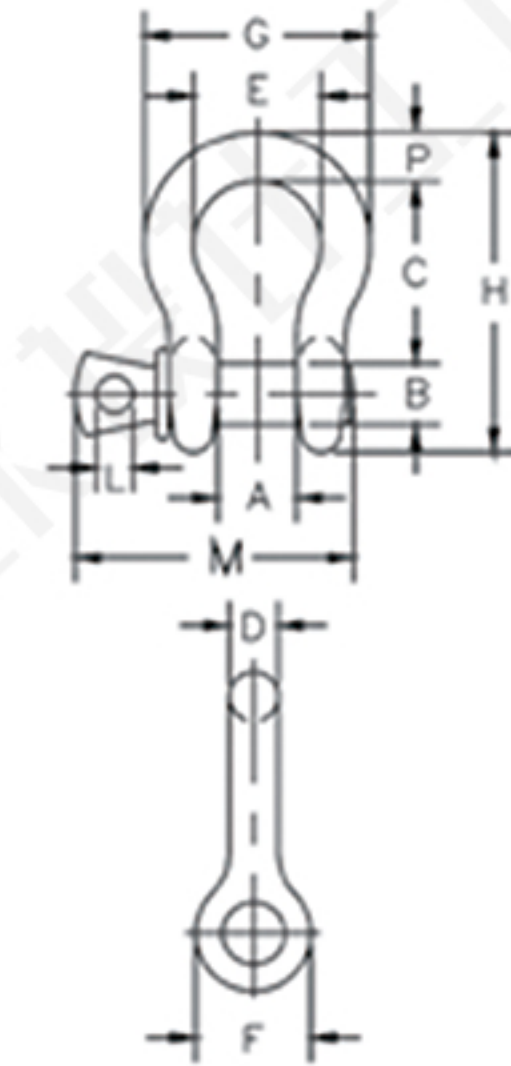


Nominal Size(in)	Working Load Limit (t)	Weight Each(lb)	Dimensions(in)												Tolerance (+/- in)	
			A	B	C	D	E	F	G	H	L	M	P	C	A	
3/8	2	.31	.66	.44	1.44	.38	1.03	.91	1.78	2.49	.25	2.03	.38	.13	.06	
7/16	2.67	.38	.75	.50	1.69	.44	1.16	1.06	2.03	2.91	.31	2.38	.44	.13	.06	
1/2	3.33	.63	.81	.63	1.88	.50	1.31	1.19	2.31	3.28	.38	2.69	.50	.13	.06	
5/8	5	1.38	1.06	.75	2.38	.63	1.69	1.50	2.94	4.19	.44	3.34	.69	.13	.06	
3/4	7	2.35	1.25	.88	2.81	.75	2.00	1.81	3.50	4.97	.50	3.97	.81	.25	.06	
7/8	9.5	3.61	1.44	1.00	3.31	.88	2.28	2.09	4.03	5.83	.50	4.50	.97	.25	.06	
1	12.5	5.32	1.69	1.13	3.75	1.00	2.69	2.38	4.69	6.56	.56	5.07	1.06	.25	.06	
1-1/8	15	7.25	1.81	1.25	4.25	1.16	2.91	2.69	5.16	7.47	.63	5.59	1.25	.25	.06	
1-1/4	18	9.88	2.03	1.38	4.69	1.29	3.25	3.00	5.75	8.25	.69	6.16	1.38	.25	.06	
1-3/8	21	13.25	2.25	1.50	5.25	1.42	3.63	3.31	6.38	9.16	.75	6.84	1.50	.25	.13	

SHACKLE

• G209 SCREW PIN ANCHOR SHACKLES

#S2101 - 209C

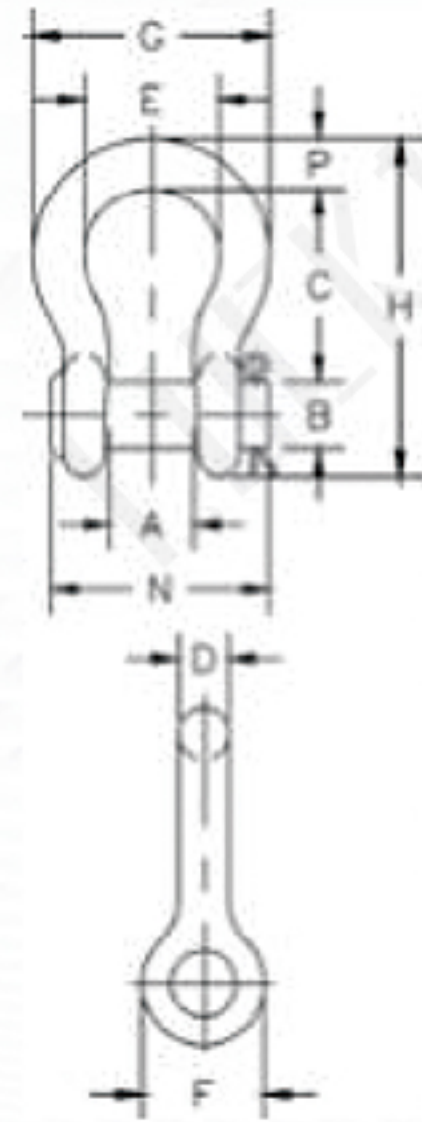


Nominal Size(in)	Working Load Limit (t)	Weight Each(lb)	Dimensions(in)												Tolerance (+/-in)	
			A	B	C	D	E	F	G	H	L	M	P	C	A	
3/16	0.33	.06	.38	.25	.88	.19	.60	.56	.98	1.47	.16	1.14	.19	.06	.06	
1/4	0.5	.10	.47	.31	1.13	.25	.78	.62	1.28	1.84	.19	1.43	.25	.06	.06	
5/16	0.75	.18	.53	.38	1.21	.31	.84	.75	1.46	2.09	.22	1.71	.31	.06	.06	
3/8	1	.31	.66	.44	1.45	.38	1.03	.92	1.79	2.50	.25	2.06	.38	.13	.06	
7/16	1.5	.38	.75	.50	1.69	.44	1.16	1.06	2.04	2.91	.31	2.37	.44	.13	.06	
1/2	2	.72	.81	.62	1.88	.50	1.31	1.18	2.31	3.28	.38	2.69	.50	.13	.06	
5/8	3.25	1.37	1.06	.75	2.38	.62	1.69	1.50	2.93	4.19	.44	3.34	.69	.13	.06	
3/4	4.75	2.35	1.25	.88	2.81	.75	2.00	1.81	3.50	4.97	.50	3.97	.81	.25	.06	
7/8	6.5	3.62	1.44	1.00	3.31	.88	2.28	2.10	4.04	5.83	.50	4.50	.97	.25	.06	
1	8.5	5.03	1.69	1.12	3.76	1.00	2.69	2.38	4.69	6.56	.56	5.13	1.06	.25	.06	
1-1/8	9.5	7.41	1.81	1.25	4.27	1.16	2.91	2.68	5.15	7.47	.63	5.97	1.25	.25	.06	
1-1/4	12	9.50	2.03	1.38	4.69	1.29	3.26	3.00	5.76	8.26	.69	6.50	1.38	.25	.06	
1-3/8	13.5	13.53	2.25	1.53	5.22	1.42	3.62	3.31	6.38	9.16	.75	6.93	1.50	.25	.13	
1-1/2	17	17.20	2.38	1.63	5.76	1.53	3.88	3.62	6.94	10.00	.81	7.43	1.62	.25	.13	
1-3/4	25	27.78	2.88	2.00	7.00	1.84	5.00	4.19	8.80	12.34	1.00	9.19	2.25	.25	.13	
2	35	45.00	3.25	2.25	7.75	2.08	5.75	4.81	10.15	13.68	1.13	10.36	2.40	.25	.13	
2-1/2	55	85.75	4.12	2.75	10.51	2.72	7.25	5.81	12.75	17.92	1.38	13.17	3.13	.25	.25	

SHACKLE

• G213 ROUND PIN ANCHOR SHACKLES

#S2102 - 213C

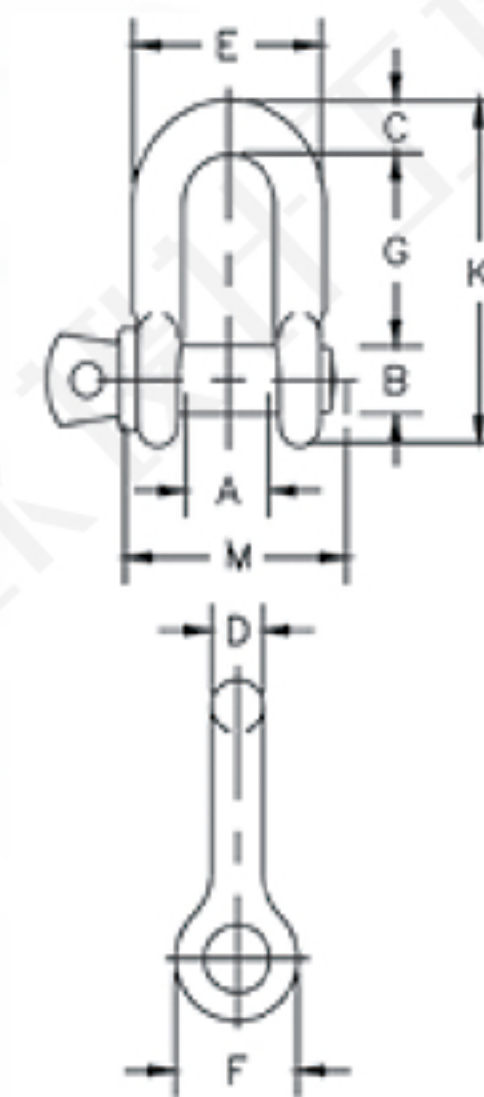


Nominal Size(in)	Working Load Limit(t)	Weight Each(lb)	Dimensions(in)											Tolerance (+/- in)	
			A	B	C	D	E	F	G	H	N	P	C	A	
1/4	0.5	.13	.47	.31	1.13	.25	.78	.61	1.28	1.84	1.34	.25	.06	.06	
5/16	0.75	.18	.53	.38	1.22	.31	.84	.75	1.47	2.09	1.59	.31	.06	.06	
3/8	1	.29	.66	.44	1.44	.38	1.03	.91	1.78	2.49	1.86	.38	.13	.06	
7/16	1.5	.38	.75	.50	1.69	.44	1.16	1.06	2.03	2.91	2.13	.44	.13	.06	
1/2	2	.71	.81	.63	1.88	.50	1.31	1.19	2.31	3.28	2.38	.50	.13	.06	
5/8	3.25	1.50	1.06	.75	2.38	.63	1.69	1.50	2.94	4.19	2.91	.69	.13	.06	
3/4	4.75	2.32	1.25	.88	2.81	.75	2.00	1.81	3.50	4.97	3.44	.81	.25	.06	
7/8	6.5	3.49	1.44	1.00	3.31	.88	2.28	2.09	4.03	5.83	3.81	.97	.25	.06	
1	8.5	5.00	1.69	1.13	3.75	1.00	2.69	2.38	4.69	6.56	4.53	1.06	.25	.06	
1-1/8	9.5	6.97	1.81	1.25	4.25	1.13	2.91	2.69	5.16	7.47	5.13	1.25	.25	.06	
1-1/4	12	9.75	2.03	1.38	4.69	1.29	3.25	3.00	5.75	8.25	5.50	1.38	.25	.06	
1-3/8	13.5	13.25	2.25	1.50	5.25	1.42	3.63	3.31	6.38	9.16	6.13	1.50	.25	.13	
1-1/2	17	17.25	2.38	1.63	5.75	1.54	3.88	3.63	6.88	10.00	6.50	1.62	.25	.13	
1-3/4	25	29.46	2.88	2.00	7.00	1.84	5.00	4.19	8.86	12.34	7.75	2.25	.25	.13	
2	35	45.75	3.25	2.25	7.75	2.08	5.75	4.81	9.97	13.68	8.75	2.40	.25	.13	

SHACKLE

• G210 SCREW PIN CHAIN ANCHOR SHACKLES

#S2104 - 210C

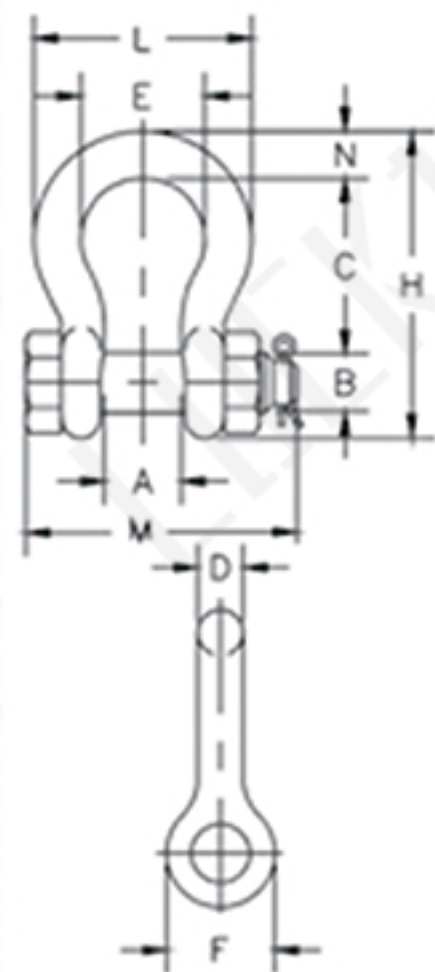


Nominal Size(in)	Working Load Limit(t)	Weight Each(lb)	Dimensions(in)										Tolerance (+/- in)	
			A	B	C	D	E	F	G	K	L	M	G	A
1/4	0.5	.11	.47	.31	.25	.25	.97	.62	.97	1.59	.19	1.43	.06	.06
5/16	0.75	.17	.53	.38	.31	.31	1.15	.75	1.07	1.91	.22	1.71	.06	.06
3/8	1	.28	.66	.44	.38	.38	1.42	.92	1.28	2.31	.25	2.02	.13	.06
7/16	1.5	.43	.75	.50	.44	.44	1.63	1.06	1.48	2.67	.31	2.37	.13	.06
1/2	2	.59	.81	.63	.50	.50	1.81	1.18	1.66	3.03	.38	2.69	.13	.06
5/8	3.25	1.25	1.06	.75	.63	.63	2.32	1.50	2.04	3.76	.44	3.34	.13	.06
3/4	4.75	2.63	1.25	.88	.81	.75	2.75	1.81	2.40	4.53	.50	3.97	.25	.06
7/8	6.5	3.16	1.44	1.00	.97	.88	3.20	2.10	2.86	5.33	.50	4.50	.25	.06
1	8.5	4.75	1.69	1.13	1.00	1.00	3.69	2.38	3.24	5.94	.56	5.13	.25	.06
1-1/8	9.5	6.75	1.81	1.25	1.25	1.13	4.07	2.69	3.61	6.78	.63	5.71	.25	.06
1-1/4	12	9.06	2.03	1.38	1.38	1.25	4.53	3.00	3.97	7.50	.69	6.25	.25	.13
1-3/8	13.5	11.63	2.25	1.50	1.50	1.38	5.01	3.31	4.43	8.28	.75	6.53	.25	.13
1-1/2	17	15.95	2.38	1.63	1.62	1.50	5.38	3.62	4.87	9.05	.81	7.33	.25	.13
1-3/4	25	26.75	2.88	2.00	2.12	1.75	6.38	4.19	5.78	10.97	1.00	9.06	.25	.13
2	35	42.31	3.25	2.25	2.36	2.10	7.25	5.00	6.77	12.74	1.13	10.35	.25	.13
2-1/2	55	71.75	4.12	2.75	2.63	2.63	9.38	5.68	8.07	14.85	1.38	13.00	.25	.25

SHACKLE

• G2130 BOLT TYPE ANCHOR SHACKLES

#S2103 - 2130A

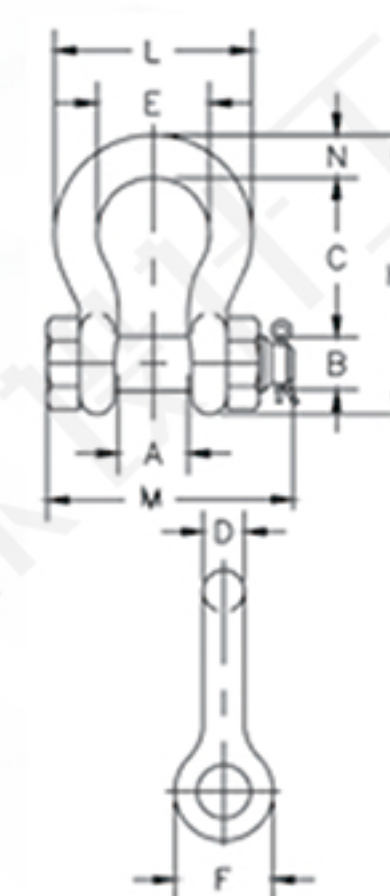


Nominal Size(in)	Working Load Limit (t)*	Weight Each(lb)	Dimensions(in)											Tolerance (+/- in)	
			A	B	C	D	E	F	H	L	M	N	C	A	
1/2	2	.79	.81	.63	1.88	0.50	1.31	1.19	3.29	2.30	2.80	0.50	0.13	0.06	
5/8	3.25	1.37	1.06	.75	2.38	0.63	1.69	1.50	4.18	2.94	3.56	0.69	0.25	0.06	
3/4	4.75	2.71	1.25	.88	2.82	0.75	2.01	1.81	4.96	3.51	4.15	0.81	0.25	0.06	
7/8	6.5	3.95	1.44	1.00	3.31	0.88	2.29	2.09	5.83	4.02	4.82	0.97	0.25	0.06	
1	8.5	5.03	1.69	1.10	3.76	1.00	2.70	2.38	6.58	4.69	5.39	1.06	0.25	0.06	
1-1/8	9.5	8.27	1.81	1.25	4.26	1.13	2.92	2.70	7.49	5.16	5.90	1.25	0.25	0.06	
1-1/4	12	11.7	2.03	1.38	4.69	1.25	3.25	2.99	8.27	5.75	6.69	1.38	0.25	0.06	
1-3/8	13.5	15.8	2.25	1.50	5.24	1.38	3.62	3.31	9.18	6.38	7.21	1.50	0.25	0.13	
1-1/2	17	19.0	2.38	1.63	5.75	1.50	3.88	3.62	10.0	6.90	7.73	1.62	0.25	0.13	

SHACKLE

• G2130 BOLT TYPE ANCHOR SHACKLES

#S2103 - 2130C

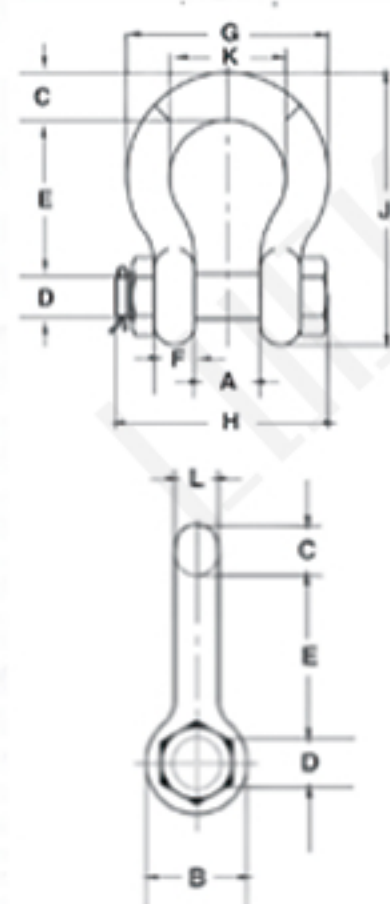


Nominal Size(in)	Working Load Limit (t)	Weight Each(lb)	Dimensions(in)											Tolerance (+/- in)	
			A	B	C	D	E	F	H	L	M	N	C	A	
3/16	0.33	.06	.38	.25	.88	.19	.60	.56	1.47	.98	1.29	.19	.06	.06	
1/4	0.5	.11	.47	.31	1.13	.25	.78	.61	1.84	1.28	1.56	.25	.06	.06	
5/16	0.75	.22	.53	.38	1.22	.31	.84	.75	2.09	1.47	1.82	.31	.06	.06	
3/8	1	.33	.66	.44	1.44	.38	1.03	.91	2.49	1.78	2.17	.38	.13	.06	
7/16	1.5	.49	.75	.50	1.69	.44	1.16	1.06	2.91	2.03	2.51	.44	.13	.06	
1/2	2	.79	.81	.64	1.88	.50	1.31	1.19	3.28	2.31	2.80	.50	.13	.06	
5/8	3.25	1.68	1.06	.77	2.38	.63	1.69	1.50	4.19	2.94	3.56	.69	.13	.06	
3/4	4.75	2.72	1.25	.89	2.81	.75	2.00	1.81	4.97	3.50	4.15	.81	.25	.06	
7/8	6.5	3.95	1.44	1.02	3.31	.88	2.28	2.09	5.83	4.03	4.82	.97	.25	.06	
1	8.5	5.66	1.69	1.15	3.75	1.00	2.69	2.38	6.56	4.69	5.39	1.06	.25	.06	
1-1/8	9.5	8.27	1.81	1.25	4.25	1.13	2.91	2.69	7.47	5.16	5.90	1.25	.25	.06	
1-1/4	12	11.71	2.03	1.40	4.69	1.29	3.25	3.00	8.25	5.75	6.69	1.38	.25	.06	
1-3/8	13.5	15.83	2.25	1.53	5.25	1.42	3.63	3.31	9.16	6.38	7.21	1.50	.25	.13	
1-1/2	17	19.00	2.38	1.66	5.75	1.53	3.88	3.63	10.00	6.88	7.73	1.62	.25	.13	
1-3/4	25	33.91	2.88	2.04	7.00	1.84	5.00	4.19	12.34	8.80	9.68	2.25	.25	.13	
2	35	52.25	3.25	2.30	7.75	2.08	5.75	4.81	13.68	10.15	10.81	2.40	.25	.13	
2-1/2	55	98.25	4.13	2.80	10.50	2.71	7.25	5.69	17.90	12.75	13.58	3.13	.25	.25	
3	85	154	5.00	3.30	13.00	3.12	7.88	6.50	21.50	14.62	15.13	3.62	.25	.25	
3-1/2	120	265	5.25	3.76	14.63	3.62	9.00	8.00	24.88	17.02	17.00	4.38	.25	.25	
4	150	338	5.50	4.26	14.50	4.00	10.00	9.00	25.68	18.00	17.75	4.56	.25	.25	

SHACKLE

• G2140 BOLT TYPE ANCHOR SHACKLES

#S2105 - 2140A

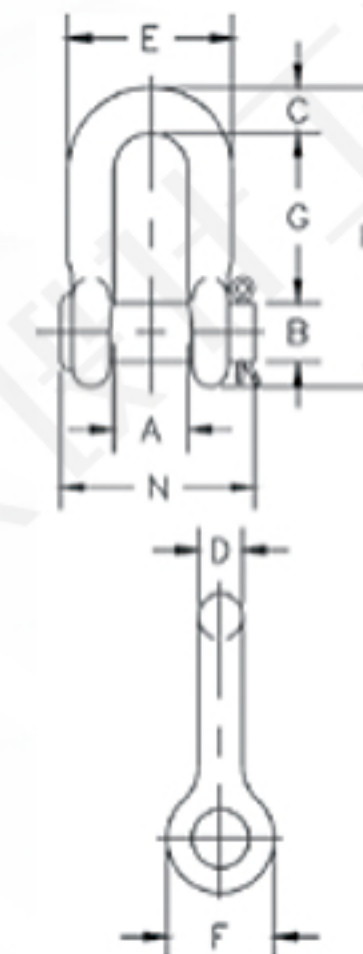


Nominal Shackle Size(in)	Working Load Limit (t)	Weight Each(lb)	Dimensions(in)														Tolerance (+/- in)		
			A	B	C	D	E	F	G	H	J	K	L	M	N	A	D	E	
3/8	2	0.33	0.66	0.91	0.38	0.44	1.44	0.38	1.78	2.17	2.49	1.03	0.38	-	-	0.06	0.01	0.13	
7/16	2.67	0.49	0.75	1.06	0.44	0.50	1.69	0.41	2.03	2.51	2.91	1.16	0.44	-	-	0.06	0.01	0.13	
1/2	3.33	0.79	0.81	1.19	0.50	0.64	1.88	0.46	2.31	2.80	3.28	1.31	0.50	-	-	0.06	0.02	0.13	
5/8	5	1.68	1.06	1.50	0.69	0.77	2.38	0.58	2.94	3.56	4.19	1.69	0.63	-	-	0.06	0.02	0.13	
3/4	7	2.72	1.25	1.81	0.81	0.89	2.81	0.69	3.50	4.15	4.97	2.00	0.75	-	-	0.06	0.02	0.25	
7/8	9.5	3.95	1.44	2.09	0.97	1.02	3.31	0.81	4.03	4.82	5.83	2.28	0.88	-	-	0.06	0.02	0.25	
1	12.5	5.66	1.69	2.38	1.06	1.15	3.75	0.92	4.69	5.39	6.56	2.69	1.00	-	-	0.06	0.02	0.25	
1-1/8	15	8.27	1.81	2.69	1.25	1.25	4.25	1.04	5.16	5.90	7.47	2.91	1.13	-	-	0.06	0.02	0.25	
1-1/4	18	11.7	2.03	3.00	1.38	1.40	4.69	1.16	5.75	6.69	8.25	3.25	1.29	-	-	0.06	0.03	0.25	
1-3/8	21	15.8	2.25	3.31	1.50	1.53	5.25	1.28	6.38	7.21	9.16	3.63	1.42	-	-	0.13	0.03	0.25	
1-1/2	30	18.8	2.38	3.62	1.62	1.63	5.75	1.39	6.88	7.73	10.00	3.88	1.53	-	-	0.13	0.03	0.25	
1-3/4	40	33.8	2.88	4.19	2.25	2.00	7.00	1.75	8.81	9.33	12.34	5.00	1.84	-	-	0.13	0.03	0.25	
2	55	49.9	3.25	4.81	2.40	2.25	7.75	2.00	10.16	10.41	13.68	5.75	2.08	-	-	0.13	0.03	0.25	
2-1/2	85	103	4.12	5.81	3.12	2.75	10.50	2.62	12.75	13.58	17.90	7.25	2.71	-	-	0.25	0.03	0.25	
3	120	162	5.00	6.50	3.63	3.25	13.00	3.00	14.62	15.13	21.50	7.88	3.12	-	-	0.25	0.04	0.25	
3-1/2	150	268	5.25	8.00	4.38	3.75	14.63	3.75	17.02	20.33	24.88	9.00	3.62	4.00	1.80	0.25	0.01	0.25	
4	175	318	5.50	9.00	4.56	4.25	14.50	4.00	18.00	21.20	25.68	10.00	4.00	4.00	1.80	0.25	0.01	0.25	
4-3/4	200	461	7.25	10.50	5.00	4.75	15.19	4.58	20.84	24.04	27.81	11.00	4.75	4.00	1.80	0.25	0.01	0.25	
5	250	608	8.50	12.00	5.62	5.00	18.50	4.85	23.62	24.87	32.61	13.00	5.00	4.00	1.80	0.25	0.01	0.25	
6	300	797	8.38	13.00	6.06	6.00	18.72	4.89	24.76	26.22	34.28	13.00	5.88	4.00	1.80	0.25	0.01	0.25	
7	400	1289	8.25	14.00	7.25	7.00	22.50	6.50	26.00	29.66	40.25	13.00	6.00	4.00	1.80	0.25	0.01	0.25	

SHACKLE

• G215 BOLT TYPE ANCHOR SHACKLES

#S2106 - 215C

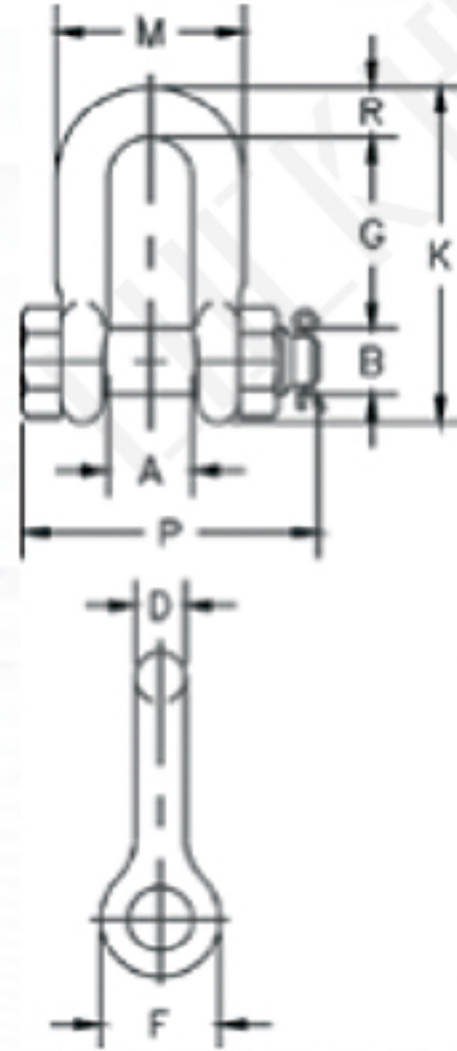


Nominal Size(in)	Working Load Limit (t)	Weight Each(lb)	Dimensions(in)									Tolerance (+/- in)	
			A	B	C	D	E	F	G	K	N	G	A
1/4	0.5	.10	.47	.31	.25	.25	.97	.62	.91	1.59	1.34	.06	.06
5/16	0.75	.18	.53	.38	.31	.31	1.15	.75	1.07	1.91	1.63	.06	.06
3/8	1	.25	.66	.44	.38	.38	1.42	.92	1.28	2.31	1.86	.13	.06
7/16	1.5	.40	.75	.50	.44	.44	1.63	1.06	1.48	2.67	2.13	.13	.06
1/2	2	.50	.81	.63	.50	.50	1.81	1.18	1.66	3.03	2.38	.13	.06
5/8	3.25	1.21	1.06	.75	.63	.63	2.32	1.50	2.04	3.76	2.91	.13	.06
3/4	4.75	2.00	1.25	.88	.81	.75	2.75	1.81	2.40	4.53	3.44	.25	.06
7/8	6.5	3.28	1.44	1.00	.97	.88	3.20	2.10	2.86	5.33	3.81	.25	.06
1	8.5	4.75	1.69	1.13	1.00	1.00	3.69	2.38	3.24	5.94	4.53	.25	.06
1-1/8	9.5	6.30	1.81	1.25	1.25	1.13	4.07	2.68	3.61	6.78	5.13	.25	.06
1-1/4	12	9.00	2.03	1.38	1.38	1.25	4.53	3.00	3.97	7.50	5.50	.25	.13
1-3/8	13.5	12.00	2.25	1.50	1.50	1.38	5.01	3.31	4.43	8.28	6.13	.25	.13
1-1/2	17	16.15	2.38	1.63	1.62	1.50	5.38	3.62	4.87	9.05	6.50	.25	.13
1-3/4	25	29.96	2.88	2.00	2.12	1.75	6.38	4.19	5.82	10.97	7.75	.25	.13
2	35	43.25	3.25	2.25	2.36	2.10	7.25	5.00	6.82	12.74	8.75	.25	.13

SHACKLE

• G2150 BOLT TYPE CHAIN SHACKLES

#S2106 - 2150C

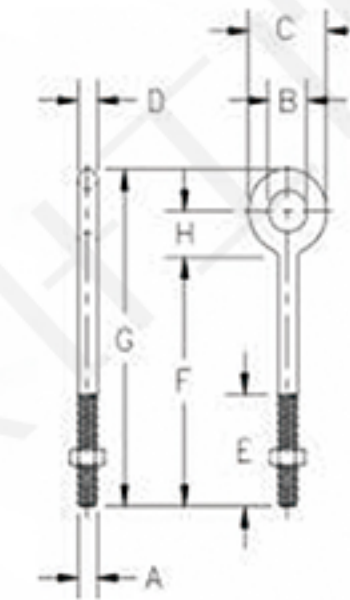
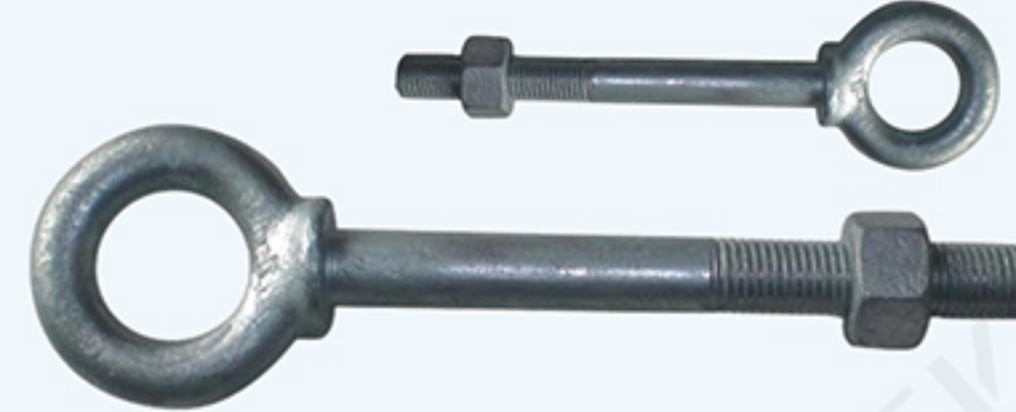


Nominal Size(in)	Working Load Limit (t)*	Weight Each(lb)	Dimensions(in)										Tolerance (+/-in)	
			A	B	D	F	G	K	M	P	R	T	G	A
1/4	0.5	.13	.47	.31	.25	.62	.91	1.59	.97	1.56	.25	.06	.06	
5/16	0.75	.23	.53	.38	.31	.75	1.07	1.91	1.15	1.82	.31	.06	.06	
3/8	1	.33	.66	.44	.38	.92	1.28	2.31	1.42	2.17	.38	.13	.06	
7/16	1.5	.49	.75	.50	.44	1.06	1.48	2.67	1.63	2.51	.44	.13	.06	
1/2	2	.75	.81	.64	.50	1.18	1.66	3.03	1.81	2.80	.50	.13	.06	
5/8	3.25	1.47	1.06	.77	.63	1.50	2.04	3.76	2.32	3.56	.63	.13	.06	
3/4	4.75	2.52	1.25	.89	.75	1.81	2.40	4.53	2.75	4.15	.81	.25	.06	
7/8	6.5	3.85	1.44	1.02	.88	2.10	2.86	5.33	3.20	4.82	.97	.25	.06	
1	8.5	5.55	1.69	1.15	1.00	2.38	3.24	5.94	3.69	5.39	1.00	.25	.06	
1-1/8	9.5	7.60	1.81	1.25	1.13	2.68	3.61	6.78	4.07	5.90	1.25	.25	.06	
1-1/4	12	10.81	2.03	1.40	1.25	3.00	3.97	7.50	4.53	6.69	1.38	.25	.06	
1-3/8	13.5	13.75	2.25	1.53	1.38	3.31	4.43	8.28	5.01	7.21	1.50	.25	.13	
1-1/2	17	17.01	2.38	1.66	1.50	3.62	4.87	9.05	5.38	7.73	1.62	.25	.13	
1-3/4	25	31.40	2.88	2.04	1.75	4.19	5.82	10.97	6.38	9.33	2.12	.25	.13	
2	35	46.75	3.25	2.30	2.10	5.00	6.82	12.74	7.25	10.41	2.36	.25	.13	
2-1/2	55	85.00	4.12	2.80	2.63	5.68	8.07	14.85	9.38	13.58	2.63	.25	.25	
3	85	124.25	5.00	3.25	3.00	6.50	8.56	16.87	11.00	15.13	3.50	.25	.25	

EYE BOLT

• G291 REGULAR NUT EYE BOLTS

#EB1001

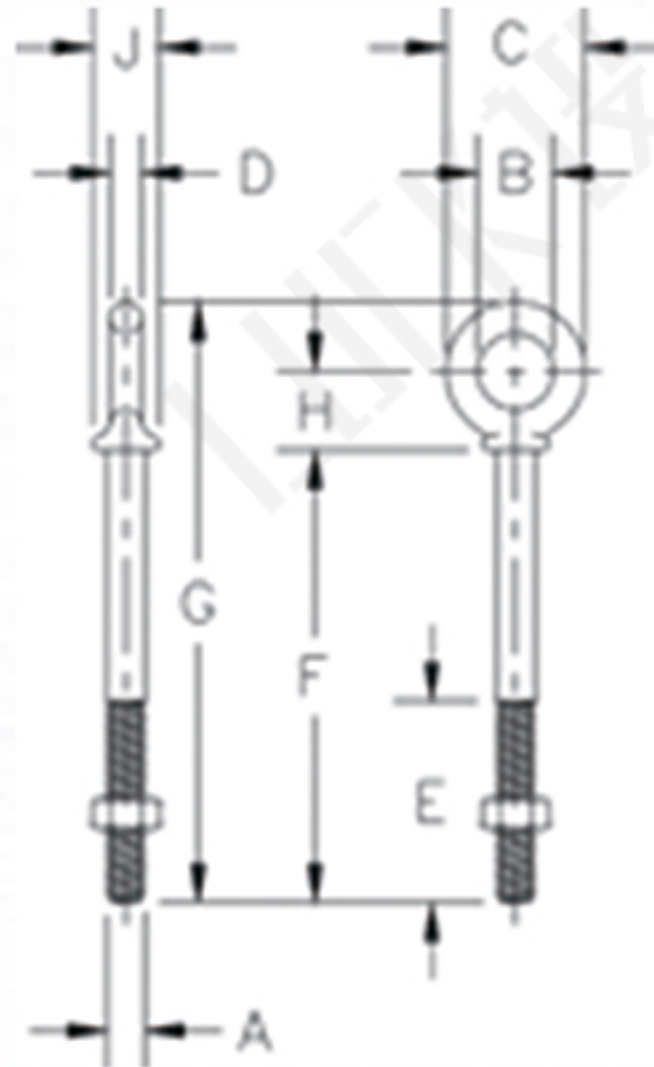


Shank Dia. & Length (in.)	Working Load Limit (lbs.)*	Weight Per 100 (lbs.)	Dimensions(in.)							
			A	B	C	D	E	F	G	H
1/4x2	650	8.20	.25	.50	1.00	.25	1.50	2.00	3.06	.56
1/4x4	650	11.70	.25	.50	1.00	.25	2.50	4.00	5.06	.56
5/16x2-1/4	1200	13.30	.31	.62	1.25	.31	1.50	2.25	3.56	.69
5/16x4-1/4	1200	25.00	.31	.62	1.25	.31	2.50	4.25	5.56	.69
3/8x2-1/2	1550	23.30	.38	.75	1.50	.38	1.50	2.50	4.12	.88
3/8x4-1/2	1550	29.50	.38	.75	1.50	.38	2.50	4.50	6.12	.88
3/8x6	1550	35.20	.38	.75	1.50	.38	2.50	6.00	7.62	.88
1/2x3-1/4	2600	50.30	.50	1.00	2.00	.50	1.50	3.25	5.38	1.12
1/2x6	2600	66.10	.50	1.00	2.00	.50	3.00	6.00	8.12	1.12
1/2x8	2600	82.00	.50	1.00	2.00	.50	3.00	8.00	10.12	1.12
1/2x10	2600	88.00	.50	1.00	2.00	.50	3.00	10.00	12.12	1.12
1/2x12	2600	114.20	.50	1.00	2.00	.50	3.00	12.00	14.12	1.12
5/8x4	5200	103.10	.62	1.25	2.50	.62	2.00	4.00	6.69	1.44
5/8x6	5200	118.20	.62	1.25	2.50	.62	3.00	6.00	8.69	1.44
5/8x8	5200	135.10	.62	1.25	2.50	.62	3.00	8.00	10.69	1.44
5/8x10	5200	153.60	.62	1.25	2.50	.62	3.00	10.00	12.69	1.44
5/8x12	5200	167.10	.62	1.25	2.50	.62	4.00	12.00	14.69	1.44
3/4x4-1/2	7200	168.60	.75	1.50	3.00	.75	2.00	4.50	7.69	1.69
3/4x6	7200	184.50	.75	1.50	3.00	.75	3.00	6.00	9.19	1.69
3/4x8	7200	207.90	.75	1.50	3.00	.75	3.00	8.00	11.19	1.69
3/4x10	7200	235.00	.75	1.50	3.00	.75	3.00	10.00	13.19	1.69
3/4x12	7200	257.50	.75	1.50	3.00	.75	4.00	12.00	15.19	1.69
3/4x15	7200	298.00	.75	1.50	3.00	.75	5.00	15.00	18.19	1.69
7/8x5	10600	270.00	.88	1.75	3.50	.88	2.50	5.00	8.75	2.00
7/8x8	10600	308.00	.88	1.75	3.50	.88	4.00	8.00	11.75	2.00
7/8x12	10600	400.00	.88	1.75	3.50	.88	4.00	12.00	15.75	2.00
1x6	13300	421.00	1.00	2.00	4.00	1.00	3.00	6.00	10.31	2.31
1x9	13300	468.50	1.00	2.00	4.00	1.00	4.00	9.00	13.31	2.31
1x12	13300	540.00	1.00	2.00	4.00	1.00	4.00	12.00	16.31	2.31
1x18	13300	650.00	1.00	2.00	4.00	1.00	7.00	18.00	22.31	2.31
1-1/4x8	21000	750.00	1.25	2.50	5.00	1.25	4.00	8.00	13.38	2.88
1-1/4x12	21000	900.00	1.25	2.50	5.00	1.25	4.00	12.00	17.38	2.88
1-1/4x20	21000	1210.00	1.25	2.50	5.00	1.25	6.00	20.00	25.38	2.88

■ EYE BOLT

• G277 SHOULDER NUT EYE BOLTS

#EB1002

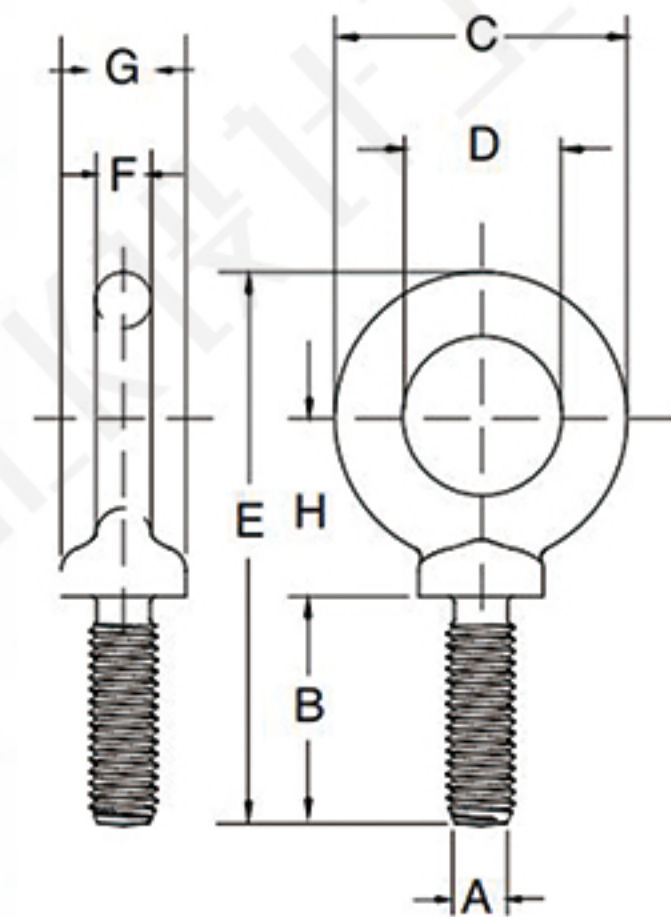


Shank Diameter & Length(in)	Working Load Limit (lb)	Weight Each (lb)	Dimensions(in)								
			A	B	C	D	E	F	G	H	J
5/16x2-1/4	1200	0.13	.31	.62	1.12	.25	1.50	2.25	3.50	.69	.56
5/16x4-1/4	1200	0.19	.31	.62	1.12	.25	2.50	4.25	5.50	.69	.56
3/8x2-1/2	1550	0.21	.38	.75	1.38	.31	1.50	2.50	3.97	.78	.66
3/8x4-1/2	1550	0.25	.38	.75	1.38	.31	2.50	4.50	5.97	.78	.66
1/2x3-1/4	2600	0.43	.50	1.00	1.75	.38	1.50	3.25	5.12	1.00	.91
1/2x6	2600	0.57	.50	1.00	1.75	.38	3.00	6.00	7.88	1.00	.91
5/8x4	5200	0.69	.62	1.25	2.25	.50	2.00	4.00	6.44	1.31	1.12
5/8x6	5200	1.02	.62	1.25	2.25	.50	3.00	6.00	8.44	1.31	1.12
3/4x4-1/2	7200	1.45	.75	1.50	2.75	.62	2.00	4.50	7.44	1.56	1.38
3/4x6	7200	1.68	.75	1.50	2.75	.62	3.00	6.00	8.94	1.56	1.38
7/8x5	10600	2.25	.88	1.75	3.25	.75	2.50	5.00	8.46	1.84	1.56
1x6	13300	3.66	1.00	2.00	3.75	.88	3.00	6.00	9.97	2.09	1.81
1x9	13300	4.23	1.00	2.00	3.75	.88	4.00	9.00	12.97	2.09	1.81
1-1/4x8	21000	6.50	1.25	2.50	4.50	1.00	4.00	8.00	12.72	2.47	2.28
1-1/4x12	21000	7.95	1.25	2.50	4.50	1.00	4.00	12.00	16.72	2.47	2.28
1-1/2x15	24000	14.25	1.50	3.00	5.50	1.25	6.00	15.00	20.75	3.00	2.75

■ EYE BOLT

• S279 SHOULDER TYPE EYE BOLTS

#EB1003
#EB1004



Size(in)	Working Load Limit (lb)	Weight Per 100 (lb)	Dimensions(in)							
			A* Thread	B	C	D	E	F	G	H
3/8x1-1/4	1550	15.00	3/8-16	1.27	1.62	1.00	3.07	.31	.69	1.05
1/2x1-1/2	2600	28.00	1/2-13	1.53	1.95	1.19	3.70	.38	.91	1.27
5/8x1-3/4	5200	55.00	5/8-11	1.79	2.38	1.38	4.45	.50	1.13	1.53
3/4x2	7200	96.00	3/4-10	2.05	2.76	1.50	5.07	.63	1.38	1.71
7/8x2-1/4	10600	154.00	7/8-9	2.31	3.25	1.75	5.87	.75	1.56	2.00
1x2-1/2	13300	238.00	1-8	2.57	3.76	2.00	6.66	.88	1.81	2.30

• M279 METRIC

Size(mm)	Working Load Limit (kg)	Weight Each (kg)	Dimensions(in)							
			A* Thread	B	C	D	E	F	G	H
M6x13	200	.03	M6x1.0	13.0	28.7	19.1	47.0	4.9	13.5	19.6
M8x13	400	.05	M8x1.25	13.0	35.1	22.4	54.6	6.4	15.0	24.1
M10x17	640	.07	M10x1.5	17.0	41.1	25.4	64.3	7.9	17.5	26.5
M12x20.5	1000	.11	M12x1.75	20.5	49.5	30.2	77.7	9.7	23.1	32.8

LOAD BINDERS

RACHET TYPE LOAD BINDERS

#LB-R01



Min-Max Chain Size(in)	Working Load Limit(lbs)	Ultimate Load(lbs)	Weight Each(kg)	Handle Length(in)
1/4-5/16	2600	7800	1.84	9.1
5/16-3/8	5400	19000	4.6	15.5
5/16-3/8	6600	26000	4.7	15.5
3/8-1/2	9200	33000	5.2	15.5
1/2-5/8	13000	46000	6.72	15.5

LEVER TYPE LOAD BINDERS

#LB-L01



Min-Max Chain Size(in)	Working Load Limit(lbs)	Proof Load(lbs)	Breaking Load(lbs)	Weight Each(kg)	Handle Length(in)	Dimensions(in)						
						A	B	C	D	E	F	G
1/4-5/16	2200	4400	7800	3-52	11.42	18.5	17.3	14.17	11.42	8.27	8.07	0.35
5/16-3/8	5400	10800	19000	8-37	15.43	25.2	23.2	19.49	15.55	11.22	11.22	0.51
3/8-1/2	9200	18400	28000	12-11	17.24	28.5	26.38	22.05	17.64	12.99	12.2	0.59
1/2-5/8	11000	22000	44000	19.7	21	33.86	30.12	25.87	20.87	14.37	14.37	0.74

WINCH STRAP

4" STRAP WITH DELTA RING

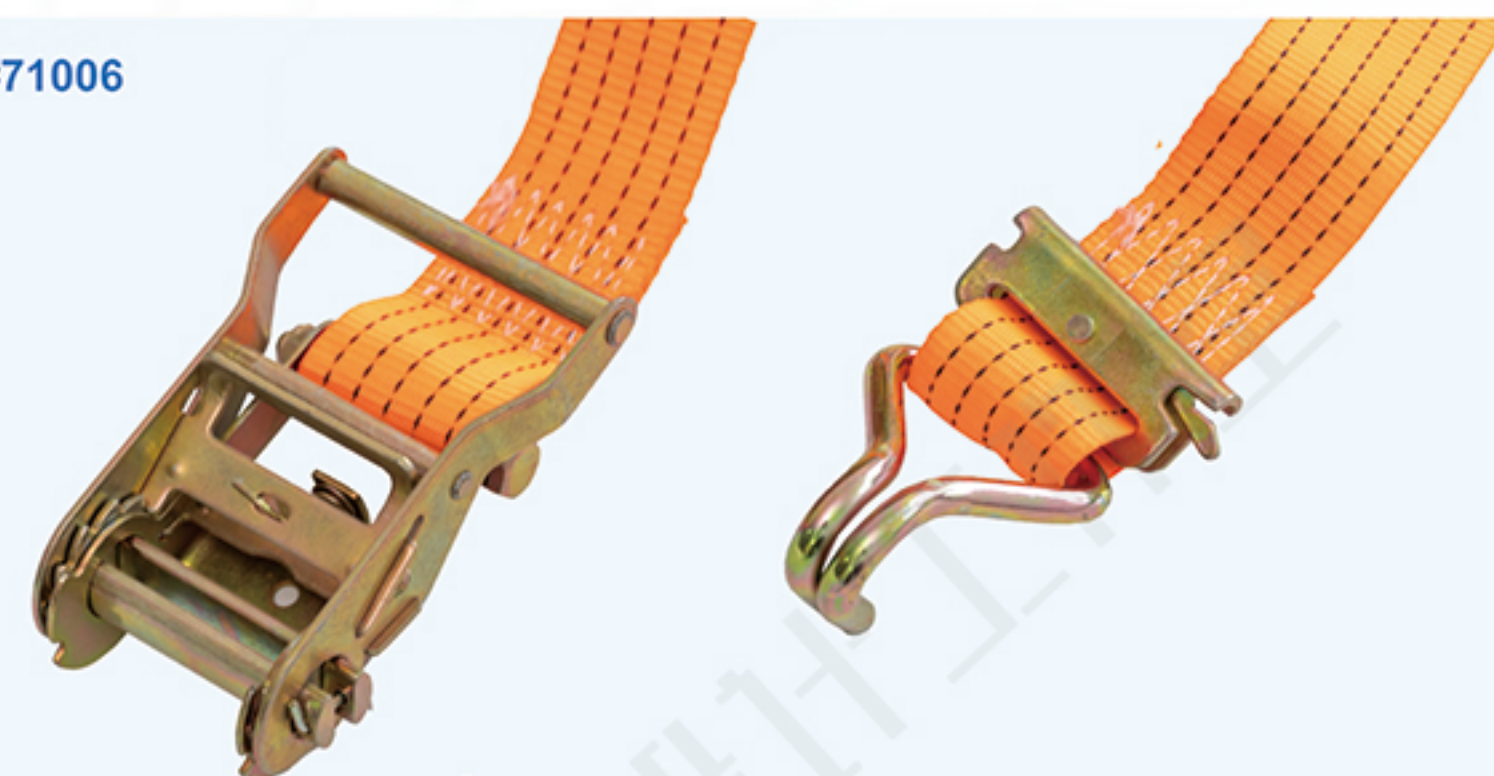
#71005



Weight: 2.22kgs/4.9lbs
Webbing Breaking Strength: 9090kgs/20000lbs
Assembly Working Load Limit: 2455kgs /5400lbs
Also available in 30'(2042-30) and 40'(2042-40) lengths

2" RACHET STRAP WITH J HOOK

#71006



Weight: 2.86 kgs /6.3 lbs
Webbing BreakingStrength: 5,454 kgs /12,000 lbs
Assembly Working Load Limit:1,515 kgs/3,335 lbs

LIFTING ANCHOR

LIFTING ERACTION ANCHOR

#LA3901



Safe Working Load/kgs	1400	2500	4000	5000	7500
Length(mm)	200	230	270	290	320

PRECISION RUBBER RECESS FORMER

#RF1211



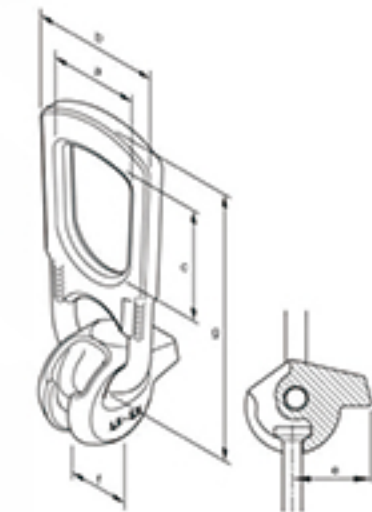
ANCHOR CHANNEL

#AC2701



PRECAST CONCRET LIFTING RING

#LR5601



Capacity(kg)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)
1300	47.5	75	71	41	33	165
2500	64	98	85	55	42	205
5000	70	118	88	66	57	240
10000	95	150	121	117.5	73	345.5
20000	118	186	150	155	110	441

RING LIFT HARDWARE

#LF6001



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