

**VENIT**



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**VENIT**

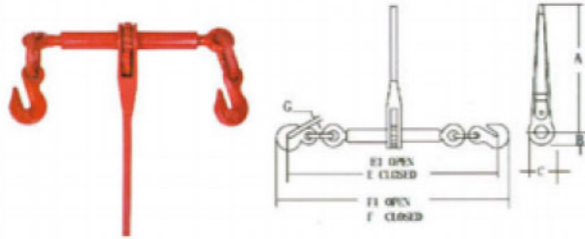
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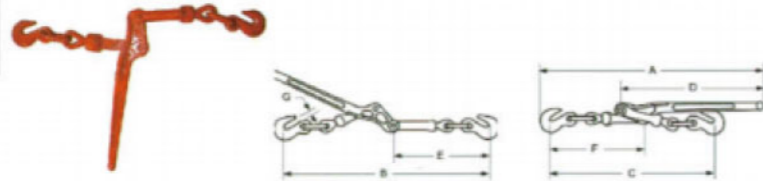
# 紧索具 Load Binder

**L-140 Standard Ratchet  
Type Load Binder**



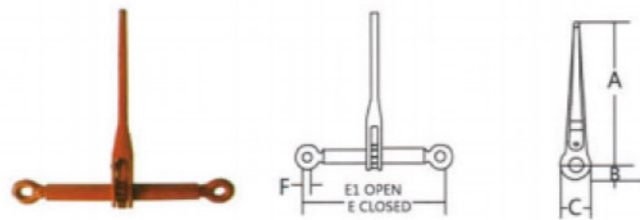
Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Proof Load(lbs.)	Ultimate Load (lbs.)	Weight Each (lbs.)	Handle Length (in.)	Dimensions(in.)							
						A	B	C	E	E1	F	F1	G
1/4-5/16	2600	5200	9200	3.52	7.16	7.16	0.89	1.17	16.22	21.26	17.79	22.83	0.35
5/16-3/8	5400	10800	19000	10.5	13.92	13.92	1.3	2.6	22.64	30.64	25.24	33.24	0.51
3/8-1/2	9200	18400	33000	12.9	13.92	13.92	1.3	2.6	24.13	32.13	27.04	35.04	0.59
1/2-5/8	13000	26000	46000	14.38	21	13.92	1.3	2.6	26.45	34.45	30.07	38.07	0.74

**L-150 Standard Lever  
Type Load Binder**



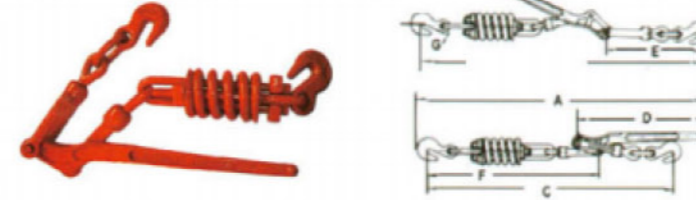
Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Proof Load(lbs.)	Ultimate Load (lbs.)	Weight Each (lbs.)	Handle Length (in.)	Tak up (in.)	Dimensions(in.)						
							A	B	C	D	E	F	G
1/4-5/16	2200	4400	7800	3.52	11.42	3.75	18.5	17.3	14.17	11.42	8.27	8.07	0.35
5/16-3/8	5400	10800	19000	7.02	16	4.50	24.13	22.13	17.88	16	10.38	10.38	0.5
3/8-1/2	9200	18400	33000	12.47	18.69	4.50	28.75	25.75	21.25	18.69	12.31	12.38	0.63
1/2-5/8	11000	22000	44000	19.7	21.00	4.75	33.86	30.12	25.87	20.87	14.37	14.37	0.74

**Ratchet Load Binder**



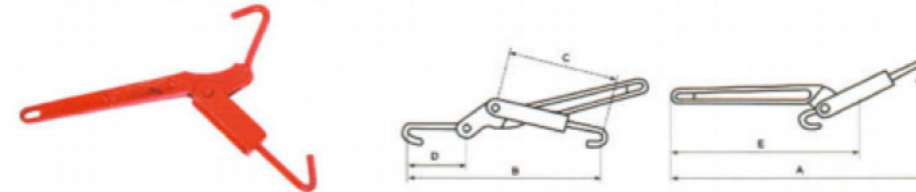
Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Handle Length(in.)	Length Barrel (in.)	M.B.S (lbs.)	Dimensions(in.)							Weight (lbs.)
					A	B	C	E	E1	F	G	
5/16-3/8	5400	10800	13.92	19000	13.92	1.3	2.6	13.7	21.7	0.79	7.8	
3/8-1/2	9200	18400	13.92	33000	13.92	1.3	2.6	13.7	21.7	1.02	7.8	
1/2-5/8	13000	26000	13.92	46000	13.92	1.3	2.6	14.17	22.17	1.02	8.5	

**Spring Load Binder**



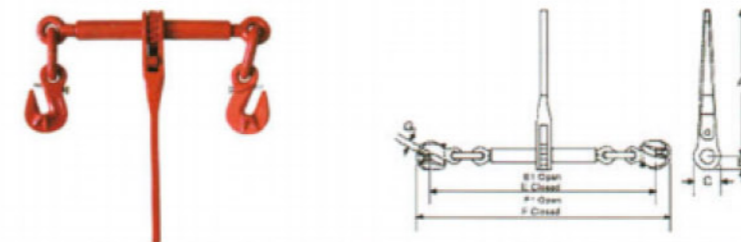
Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Proof Load(lbs.)	Ultimate Load (lbs.)	N.W (lbs.)	Handle Length (in.)	Take Up (in.)	Dimensions(in.)						
							A	B	C	D	E	F	G
1/4-5/16	2200	5200	9200	5.36	11.42	3.75	26.27	17.8	21.89	11.42	8.07	15.97	0.31
5/16-3/8	5400	10800	16200	11.25	15.43	4.5	32.75	30.75	28	16	10.38	19	0.51
3/8-1/2	9200	18400	28000	18.69	17.24	4.5	37.19	35.83	31.49	17.64	12.99	18.7	0.59

**Mini Load Binder**



Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Proof Load(lbs.)	Ultimate Load(lbs.)	N.W (lbs.)	Handle Length(inch.)	Dimensions(in.)				
						A	B	C	D	E
LT250	250	500	880	1.43	9.05	12.4	8.82	5	2.75	9.05
LT375	375	750	1300	1.4	9.05	12.2	9.5	5.16	3.23	9.05

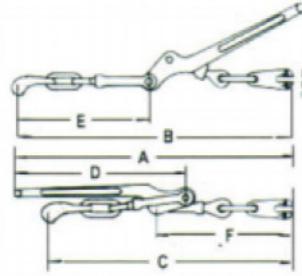
**European Type G80  
Ratchet Load Binder**



Size (in.)	WLLI (lbs.)	Proof Load(lbs.)	Ultimate Load (lbs.)	N.W (lbs.)	Handle Length (in.)	Barrel Length (inch)	Take Up (inch.)	Dimensions(in.)							
								A	B	C	E	E1	F	F1	G
6	2200	4400	7800	3.52	7.16	6.30	4.65	7.16	0.89	1.77	17.40	22.04	19.20	23.84	0.35
8	5400	10800	19000	10.50	13.42	9.92	8.00	13.92	1.3	2.6	23.78	31.78	26.14	34.14	0.47
10	9200	18400	33000	12.20	13.92	9.92	8.00	13.92	1.3	2.6	23.82	31.82	26.93	34.93	0.63
13	13000	26000	46000	14.38	13.92	9.92	8.00	13.92	1.3	2.6	25.90	33.90	29.57	34.57	0.72
16	24000	48000	72000	19.00	13.92	11.00	10.00	13.92	1.3	2.6	26.50	34.80	31.80	39.90	0.92

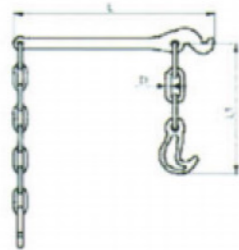


**Claw Load Binder**



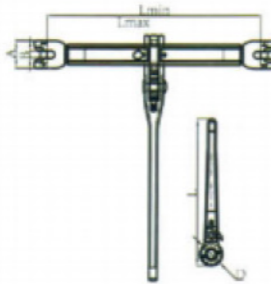
Min-Max Chain Size (in.)	Working Load Limit(lbs.)	Proof Load(lbs.)	Ultimate Load(lbs.)	N.W (lbs.)	Handle Length (inch.)	Dimensions(in.)						
						A	B	C	D	E	F	G
1/4 -5/16	2600	5200	9200	3.8	11.42	20.66	18.7	15.4	11.42	8.85	8.85	0.35
5/16- 3/8	5400	10800	19000	8.58	15.43	25.2	25.2	21.5	15.55	12.2	12.2	0.47
3/8 -1/2	9200	18400	28000	12.38	17.24	28.15	28.7	24.6	17.52	13.58	13.58	0.59

**Tension Lever**



Min-Max Chain Size (mm.)	B.L(T)	L(mm)	L1(T.)	D(T.)	Weight(KG.)
9	10	600	275	11	3.8
11	15	600	345	12	4.4
13	20	650	385	13	5.5

**Clevis Jaw Load Binder**



Weight(kg.)	LC(kn)	BF(kn)	A±1	B±0.5	L±3	D±1	Lmin±4	Lmax±4
3.5	50	100	40	10	383	56	312	472
5.5	80	160	49	13	390	65	337	497
7.1	134	268	64	16	392.5	69	347	507

**Ratchet Load Binder with folding Handle**



Capacity(lbs)	W.L.L(lbs)	Handle Length(in)	Breaking Strength(lbs)	Hook	Color
7100	7100	14	28400	forged heat treated	yellow/black

**Hand Wheel Turnbuckle With Clevis Jaws**



Screw Diameter(in)	Barrel Length(in)	Take Up(in)	Bearing to Bearing (closed-open)	Wheel Diameter ( in )	W.L.L ( lbs)	Weight ( lbs)	Jaw Bolt throat opening ( in)
1 3/8	12	10	22-32	8	28000	281	1 5/16
1 3/8	12	10	28-38	10	28000	331	1 5/16
1	12	10	18-28	8	13000	161	1 1/8

**T Handle Ratchet Load Binder**



Capacity(lbs)	W.L.L(lbs)	Breaking Strength(lbs)	Hook	Color
6600	6600	26400	3/8 grab hook	red/silver

**Clevis Jaw Ratchet Turnbuckle**



Size(in)	W.L.L ( lbs )	Bearing to Bearing ( in )	Handle Length ( in )
1 x 10	13000	18	15 1/2
1 3/8 x 12	28000	22	24
1 3/8 x 17	28000	26	24

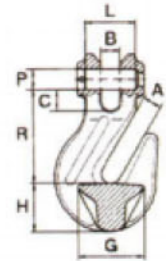


# H 钩子 HOOK

## Clevis Grab Hook



H-330 Forged Carbon Steel  
A-330 Forged Alloy Steel  
Quenched & Tempered  
Ultimate load is 4 times Working Load Limit

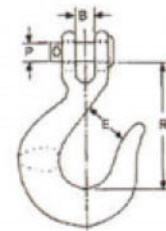


Size Of Chain	Working Load Limit(lbs)		DIMENSIONS ( in )				Weight(lbs)
	H-330	A-330	B	A	P	R	
1/4	2600	3600	0.36	0.4	0.38	1.97	0.4
5/16	3900	5400	0.4	0.44	0.44	2.26	0.79
3/8	5400	7500	0.48	0.5	0.47	2.63	1
7/16	7200	10000	0.66	0.56	0.56	2.75	1.5
1/2	8200	12750	0.75	0.66	0.63	3.19	2.1
5/8	12750	19000	0.91	0.78	0.75	4.09	4.2
3/4	18500	27000	0.94	0.94	0.88	4.63	6.5

## Clevis Slip Hook



H-331 Forged Carbon Steel  
A-331 Forged Alloy Steel  
Quenched & Tempered  
Ultimate Load is 4 times Working Load Limit



Size Of Chain	Working Load Limit(lbs)		DIMENSIONS ( in )				Weight(lbs)
	H-330	A-330	B	E	P	R	
1/4	2600	3600	0.36	0.4	0.38	1.97	0.4
5/16	3900	5400	0.4	0.44	0.44	2.26	0.79
3/8	5400	7500	0.48	0.5	0.47	2.63	1
7/16	7200	10000	0.66	0.56	0.56	2.75	1.5
1/2	8200	12750	0.75	0.66	0.63	3.19	2.1
5/8	12750	19000	0.91	0.78	0.75	4.09	4.2
3/4	18500	27000	0.94	0.94	0.88	4.63	6.5

## Sorting Hook



Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

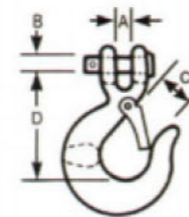


Size Of Chain	Working Load Limit(t)	DIMENSIONS(mm)				Weight (kg/pc)
		φ1	B	φ2	L	
3/8	1.12	9	24	20	108	0.3

## Clevis Slip Hook with Latch



Clevis Slip Hook with Latch  
Forged Carbon or Alloy Steel  
Quenched & Tempered  
Ultimate Load is 4 times Working Load Limit

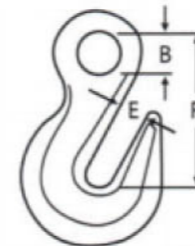


Size Of Chain	Working Load Limit(lbs)		DIMENSIONS ( in )				Weight(lbs)
	Carbon	Alloy	A	B	C	D	
1/4	1950	2750	0.44	0.79	0.38	2.56	0.52
5/16	2875	4300	0.5	0.93	0.44	2.87	0.77
3/8	4000	5250	0.59	1.14	0.47	3.25	1.23
7/16	5000	7000	0.66	1.18	0.56	3.7	2.1
1/2	6500	9000	0.75	1.42	0.63	4	2.85
5/8	9250	13500	0.91	1.65	0.75	4.94	5.18

## Eye Grab Hook



H-323 Forged Carbon Steel  
A-323 Forged Alloy Steel  
Quenched & Tempered  
Ultimate Load is 4 times Working Load Limit

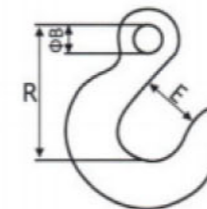


Size Of Chain	Working Load Limit(lbs)		DIMENSIONS ( in )			Weight(lbs)
	H-323	A-323	B	E	R	
1/4	2600	3600	0.5	0.34	1.97	0.28
5/16	3900	5400	0.56	0.44	2.25	0.45
3/8	5400	7500	0.66	0.5	2.56	0.79
7/16	7200	10000	0.75	0.56	2.94	1.19
1/2	9200	12750	0.88	0.66	3.38	1.8
5/8	12750	19000	1.06	0.78	4.11	3.3
3/4	18500	27000	1.38	0.94	5.16	6

## Eye Slip Hook

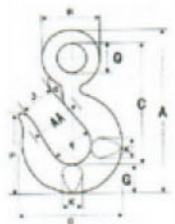


H-324 Forged Carbon Steel  
A-324 Forged Alloy Steel  
Quenched & Tempered  
Ultimate Load is 4 times Working Load Limit



Size Of Chain	Working Load Limit(lbs)		DIMENSIONS ( in )			Weight(lbs)
	H-324	A-324	B	E	R	
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	2.22	4
3/4	12500	19250	1.38	2.13	5.8	6.5

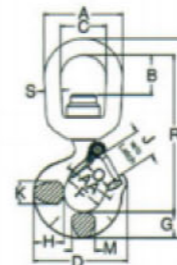




### Eye Hook

320C-Carbon Steel  
320A-Alloy Steel  
Forged, Quenched & Tempered  
Proof Load is 2 times Working Load Limit  
Ultimate Load is 5 times Working Load Limit

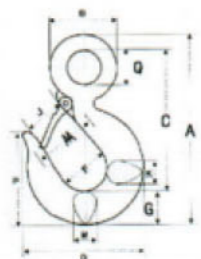
Working load(t)		Dimensions(mm)												
S-320C	S-320A	A	B	C	D	F	G	H	J	k	M	P	Q	AA
3/4	1	112.27	37.34	84.84	72.64	31.75	18.54	20.57	23.62	16	16	50.8	19.05	38.1
1	1 1/2	128.27	44.45	96.52	80.01	35.05	21.34	23.88	24.64	18.03	18.03	56.9	23.11	50.8
1 1/2	2	145.8	54.1	107.2	90.17	38.1	25.4	29.46	26.92	22.35	22.35	62.23	28.7	50.8
2	3	165.86	61.21	122.43	100.84	41.4	28.7	33.53	30.23	23.88	23.88	71.63	31.75	50.8
3	5	204.98	76.2	150.11	123.7	50.8	36.58	41.4	38.1	33.27	33.27	89.15	39.62	63.5
5	7	258.83	96.77	189.74	159.26	63.5	45.97	52.32	45.21	42.16	42.16	114.81	50.8	76.2
7 1/2	11	318	118.36	232.66	190.5	76.2	57.15	66.8	61.21	47.15	41.4	135.13	61.98	101.6
10	15	356.87	136.65	258.83	212.6	82.55	65.79	74.68	66.55	55.63	49.28	152.4	72.14	101.6
15	22	441.45	168.4	325.63	262.64	107.95	76.2	88.9	86.61	68.33	60.45	175.26	88.9	127
20	30	494.54	177.8	357.12	345.95	127	91.95	117.35	101.6	76.2	-	223.01	88.9	165.1
25	37	630.17	215.9	462.03	357.12	136.65	115.82	127	107.95	91.95	-	289.05	114.3	177.8
30	45	696.98	236.47	511.05	392.18	152.4	128.52	139.7	120.65	94.49	-	320.8	125.48	203.2
40	60	820.67	273.05	602.49	469.9	172.8	152.4	165.1	1460.5	112.78	-	376.17	144.53	254



### Swivel Hook with Latch

322C-Carbon Steel  
322A-Hook; Alloy Steel; Bail; Carbon Steel  
Forged, Quenched & Tempered  
Proof Load is 2 times Working Load Limit  
Ultimate Load is 5 times Working Load Limit

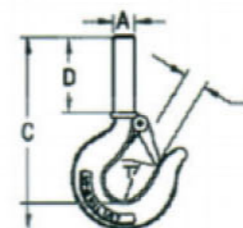
WLL(t)	DIMENSIONS ( mm )																Weight (lbs)
	A	B	C	D	F	G	H	J	K	L	M	O	R	S	AA		
2	76.2	38.1	44.5	91.2	38.1	25.4	29.5	26.9	22.4	194	22.4	25.4	152	16.0	50.8	1.13	
3	88.9	39.6	50.8	101	41.1	28.7	33.3	30.2	23.9	218	23.9	27.7	170	19.1	50.8	1.72	
5	101	39.6	57.2	122	50.8	36.6	41.4	38.1	33.3	262	28.7	34.5	203	22.4	63.5	3.17	
7	127	49.3	69.9	159	63.5	46.0	52.3	45.2	42.2	326	36.6	40.9	251	28.7	76.2	6.35	
11	142	52.1	79.2	191	76.2	57.2	66.8	61.2	47.8	387	41.4	52.8	298	31.8	101	10.1	
15	180	91.9	104	211	82.6	65.8	74.7	66.5	55.6	473	49.3	57.7	366	38.1	101	16.3	



### Eye Hook with Latch

320C-Carbon Steel  
320A-Alloy Steel  
Forged, Quenched & Tempered  
Proof Load is 2 times Working Load Limit  
Ultimate Load is 5 times Working Load Limit

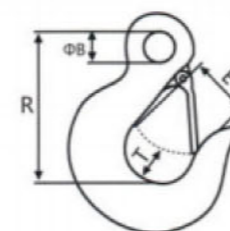
Working load(t)		Dimensions(mm)												
S-320C	S-320A	A	B	C	D	F	G	H	J	k	M	P	Q	AA
3/4	1	112.27	37.34	84.84	72.64	31.75	18.54	20.57	23.62	16	16	50.8	19.05	38.1
1	1 1/2	128.27	44.45	96.52	80.01	35.05	21.34	23.88	24.64	18.03	18.03	56.9	23.11	50.8
1 1/2	2	145.8	54.1	107.2	90.17	38.1	25.4	29.46	26.92	22.35	22.35	62.23	28.7	50.8
2	3	165.86	61.21	122.43	100.84	41.4	28.7	33.53	30.23	23.88	23.88	71.63	31.75	50.8
3	5	204.98	76.2	150.11	123.7	50.8	36.58	41.4	38.1	33.27	33.27	89.15	39.62	63.5
5	7	258.83	96.77	189.74	159.26	63.5	45.97	52.32	45.21	42.16	42.16	114.81	50.8	76.2
7 1/2	11	318	118.36	232.66	190.5	76.2	57.15	66.8	61.21	47.15	41.4	135.13	61.98	101.6
10	15	356.87	136.65	258.83	212.6	82.55	65.79	74.68	66.55	55.63	49.28	152.4	72.14	101.6
15	22	441.45	168.4	325.63	262.64	107.95	76.2	88.9	86.61	68.33	60.45	175.26	88.9	127
20	30	494.54	177.8	357.12	345.95	127	91.95	117.35	101.6	76.2	-	223.01	88.9	165.1
25	37	630.17	215.9	462.03	357.12	136.65	115.82	127	107.95	91.95	-	289.05	114.3	177.8
30	45	696.98	236.47	511.05	392.18	152.4	128.52	139.7	120.65	94.49	-	320.8	125.48	203.2
40	60	820.67	273.05	602.49	469.9	172.8	152.4	165.1	1460.5	112.78	-	376.17	144.53	254



### Shank Hook with Latch

319C-Carbon Steel; 319A-Alloy Steel  
Forged, Quenched & Tempered  
Proof Load is 2 times Working Load Limit  
Ultimate Load is 5 times Working Load Limit

Working Load Limit(lbs)	DIMENSIONS ( in )						Weight(lbs)
	319C	319A	A	D	C	B	
3/4	1	0.59	2	2.28	0.88	0.81	0.5
1	1 1/2	0.66	2.25	2.53	0.97	0.81	0.75
1 1/2	2	0.72	2.5	2.69	1	0.84	1
2	3	0.88	2.75	3.06	1.12	1.19	1.85
3	4 1/2	1.16	3.25	3.78	1.34	1.38	3.85
5	7	1.41	3.75	4.75	1.69	1.78	7.25
7 1/2	11	1.69	4.25	5.88	2.06	2.12	13
10	15	1.75	4.5	6.41	2.28	2.52	19.4



### Eye Slip Hook with Latch

H-324 Forged Carbon Steel  
A-324 Forged Alloy Steel  
Quenched & Tempered  
Ultimate Load is 4 times Working Load Limit

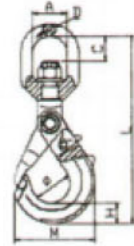
Size Of Chain	Working Load Limit(lbs)	DIMENSIONS ( in )			Weight(lbs)	
		H-324	A-324	R		
1/4	1950	2750	0.5	0.94	2.56	0.4
5/16	2875	4300	0.63	1.06	2.95	0.7
3/8	4000	5250	0.72	1.31	3.36	1
7/16	5000	7000	0.81	1.56	3.88	1.6
1/2	6500	9000	0.94	1.69	4.28	2.4
5/8	9250	13500	1.13	2	2.22	4
3/4	12500	19250	1.38	2.13	5.8	6.5





### Swivel Safety Hook

Forged Alloy Steel  
Quenched & Tempered  
For Grade 80 Alloy China  
Ultimate Load is 4 times Working Load Limit



China Size (in)	China Size (mm)	W.L.L. (t)	Weight (kg)	DIMENSIONS (mm)					
				A	C	D	I	M	L
—	6	1.45	0.57	38.1	33.5	12.7	20.1	66	176.1
1/4-5/16	7-8	2.59	1.18	44.5	40.4	16	27.9	88.9	220.9
3/8	10	3.99	2.13	50.8	43.9	19.1	29.7	112	253.7
1/2	13	6.8	3.92	63.5	60.5	25.4	42.4	139	326.4
5/8	16	10.3	7.71	69.9	64.3	28.7	51.8	167	379.8
3/4	18-20	16	10.9	71.9	64	27.9	56.4	197	414.4
7/8	22	20	13.2	87.4	81	33	62.2	222	479.2



### High Tensile Hook

Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

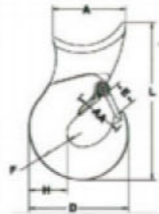


Size Of Chain	Working Load Limit (lbs)	DIMENSIONS (mm)				Weight (kg/pc)
		L	A	B	R	
9-8	2.5	143	13.5	90.5	18.5	0.5
11-8	3.75	177	15.5	109.5	22	0.85
13-8	5.4	205	17.7	129	25.5	1.38



### Sliding Choke Hook

Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

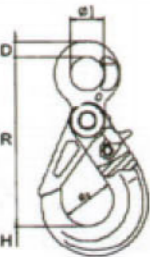


Size Of Chain	Working Load Limit (lbs)	DIMENSIONS (mm)				Weight (kg/pc)
		A	D	E	I	
3/8-1/2	1.6	50	71	21	132	0.68
5/8	2	63.5	79	23	151.5	1.21
3/4	3	69	103	29	170	1.99
1	5	85.7	105	38	213	4.18



### Eye Safety Hook

Forged Alloy Steel  
Quenched & Tempered  
For Grade 80 Alloy China  
Ultimate Load is 4 times Working Load Limit

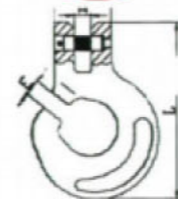


China Size (in)	China Size (mm)	W.L.L. (t)	Weight (kg)	DIMENSIONS (mm)				
				φ 1	R	H	φ 2	D
—	6	1.45	0.39	19.8	100	20.1	17	7.87
1/4-5/16	7-8	2.6	0.82	27.4	135	27.9	22.1	9.91
3/8	10	4	1.54	33	167	29.7	27.9	12.9
1/2	13	6.8	2.72	41.9	209	42.4	32	17
5/8	16	10.3	6.83	55.9	256	51.8	38.1	22.1
3/4	18-20	16	8.61	66	274	56.4	51.1	22.1
7/8	22	19.4	12.7	72.9	317	62.2	57.7	24.9
1	26	27.1	22.45	80	371	81.5	62.5	32



### Clevis Choke Hook

Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.



Size Of Chain	Working Load Limit(t)	DIMENSIONS (mm)				Weight (kg/pc)
		B	A	E	L	
7/8-8	2	35	9.5	10.5	95.5	0.413
10-8	3.15	44	13	13	137	0.92
13-8	5.3	53	16	16	165	1.75



### Clevis Safety Hook

Forged Alloy Steel  
Quenched & Tempered  
For Grade 80 Alloy China  
Ultimate Load is 4 times Working Load Limit

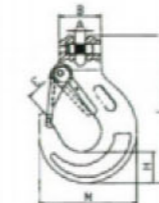


China Size (in)	China Size (mm)	W.L.L. (t)	Weight (kg)	DIMENSIONS (mm)			
				B	φ	H	R
—	6	1.45	0.5	7.5	28	20	96
1/4-5/16	7-8	2.5	0.9	9.5	35.5	26	123
3/8	10	3.99	1.6	12	45	30	144
1/2	13	6.7	2.9	15	53.5	40.5	182
5/8	16	10	5.8	17.5	62	50.5	217
3/4	18-20	16	8.6	25	76.5	62	235
7/8	22	19	12.1	25.5	80	66	276.5



### Clevis Sling Hook with Latch

Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.



Size Of Chain	Working Load Limit(t)	B.L.(t)	DIMENSIONS (mm)					Weight (kg/pc)
			A	E	B	H	L	
6/7-8	1.6	6.4	8	24	36	28	144	0.58
7-8	1.6	6.4	8.5	28	37.5	32	153	0.72
8-8	2	8	10	30	42	32.5	168	0.91
10-8	3.2	12.8	12	32	50	41	191.5	1.42
13-8	6	24	15	40	60	49	254.5	3.3



### Eye Sling Hook with Latch



Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(t)	B.L.(t)	DIMENSIONS ( mm )				Weight (kg/pc)
			D	E	B	L	
6-8	1.12	4.48	9	24	20	108	0.3
7/8-8	2	8	11	30	25	133	0.4
10-8	3.15	12.6	15	34	38	167	0.9
13-8	5.3	21.2	19	39	43	213	1.7
16-8	8	32	23	46	50	255	3.2
20-8	12.5	50	24	40	62	305	5.8
22-8	15	60	32	71	62	348	8.5
26-8	21.2	84.8	35	81	64	394	13
32-8	31.5	126	37	102	88	480	17

### Eye Foundry Hook



Forged Alloy Steel/Carbon Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(lbs)	DIMENSIONS ( mm )			Weight (kg/pc)
		E	φ	L	
1/4	3500	63.5	18	163	2.4
3/8	7100	76	22	200	4.5
1/2	12000	89	27	238	7.1
5/8	18100	102	32	278	12.2
3/4	28300	114.5	38	325	19.3
7/8	34200	127.5	45	361	26.3

### Large Opening Eye Hook



Forged High Strength Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )				Weight (kg/pc)
		B	A	L	G	
1/4	2	28	60	158	24	0.78
3/8	3.2	36	60	172.5	31	0.99
1/2	3.8	36	78	197.5	31	1.3
5/8	5.4	44	85	245	40	2.55
3/4	8	53	94	288	49	4.85
7/8	12.5	65	106	330	61	6.65

### Pipe Hook



Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )					Weight (kg/pc)
		A	C	B	D	E	
7/8	1	76.5	140.5	21.7	15.5	17.5	0.55

### Wide Mouth Hook



Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )					Weight (kg/pc)
		B	F	A	L	C	
7/8	2.27	22	104	37	160.6	130	0.44
7/8	3.2	21	105	40	167.5	132	0.72

### Eye Grab Bend Hook



Forged Carbon Steel/Alloy Steel  
Quenched & Tempered

Size Of Chain	M.B.S(t)	DIMENSIONS ( mm )				Weight (kg/pc)
		A	K	L	O	
5/16	4.54	10.2	58.1	77.9	12.5	0.37
3/8	16	13	68	120	22	0.63

### Clevis Grab Bend Hook



Forged Carbon Steel/Alloy Steel  
Quenched & Tempered

Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )					Weight (kg/pc)
		B	L	A	K	D	
5/16	4.54	11	120.5	11.8	58	12	0.45

### Clevis Grab Hook with Latch



Forged Carbon Steel/Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

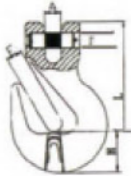
Size Of Chain	Working Load Limit(t)		DIMENSIONS ( mm )					Weight (kg/pc)
	carbon steel	alloy steel	B	E	P	R	T	
1/4	1.18	1.63	9.1	10	9.5	50	10	0.28
5/16	1.77	2.45	10.3	11.3	11	56	12	0.43
3/8	2.45	3.4	12	12.7	12	66.7	10.5	0.6
1/2	4.17	5.78	17	17	16	83.5	17.8	1.18
5/8	5.78	8.62	23.1	19.8	19	105	20.4	2.12





### Australia Clevis Grab Hook with Wing

Forged Carbon Steel/Alloy Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.



Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )				Weight (kg/pc)
		A	E	P	L	
1/4	1	8	8.8	7.9	45	0.2
5/16	2	10	10.5	9.6	49.6	0.36
3/8	3	13.5	13	11.8	65	0.51
1/2	5	17	17	16	83	1.09



### Australia Eye Grab Hook with Wing

Forged Carbon Steel/Alloy Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.



Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )				Weight (kg/pc)
		D	φ	L	E	
1/4	6	9.4	14	82.8	9	0.21
5/16	8	10.8	18	107.5	11	0.47
3/8	10	13.3	21.7	116.5	12	0.71
1/2	13	17	26.6	149.5	16.2	1.31



### (Din689) European Eye Hook

Forged Carbon Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )			Weight (kg/pc)
		D2	D3	L	
1/2	0.25	12	18	51.1	0.16
5/8	0.5	16	24	65.4	0.36
3/4	1	20	39	93	0.98
7/8	1.6	22	49	131.2	1.4
1	2.5	25	54	139.6	3.1

### Trailer Hook

Forged Carbon Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.



Size Of Chain	Working Load Limit(t)	DIMENSIONS ( mm )			Weight (kg/pc)
		R	B	O	
3/4	0.5	78.8	18	16.5	0.2
5/8	1	80.8	16	18	0.26
5/8-x	1.5	94	16	22	0.35
5/8-xx	2	101.5	16	23	0.39



### Eye Snap Hook

Forged Carbon Steel/Stainless Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.

Size Of Chain	Working Load Limit (t)	DIMENSIONS ( mm )			Weight (kg/pc)
		L	W	B	
7/16	0.34	82.5	19.5	19	0.11
9/16	0.45	97.5	20	28.5	0.23



### Winch Hook

Forged Carbon Steel/Stainless Steel  
 Quenched & Tempered  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.

Size Of Chain	M.B.S(t)	DIMENSIONS ( mm )			Weight (kg/pc)
		L	B	W	
5/8	2.7	110	19	18	0.24



### Triangle Hook with Safety Latch

Forged Alloy Steel.  
 Quenched & Tempered.  
 Electro Galvanized  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.

Refer Belt (mm)	DIMENSIONS ( mm )					Breaking Strength	Weight (kgs)
	A	B	C	D	E		
50	58	83	170	70	20	5000	0.54



### Eye Grab Hook with Chain and Delta Ring

Forged Alloy Steel/Carbon Steel.  
 Quenched & Tempered.  
 Max proof load is 2.5 times Working Load Limit.  
 Ultimate Load is 4 times Working Load Limit.

Chain size(in)	Ring size(in.)	L(in)	M.B.S.(Lbs)	Weight(kgs)
5/16	2	17	10000	0.96
5/16	3	18	16500	1.31
3/8	4	21.2	18800	1.71





### Clevis J Hook

Forged Alloy Steel Quenched & Tempered.  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

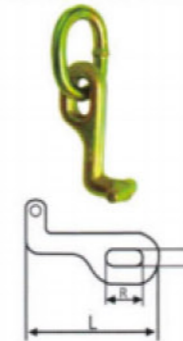
Size	Working Load Limit (t)	DIMENSIONS ( mm )				Weight (kg/pc)
		A	B	C	D	
8	2.11	210	12.4	12.7	25.5	1.24
15	2.11	366.8	12.4	12.7	23.7	1.5



### R Hook

Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

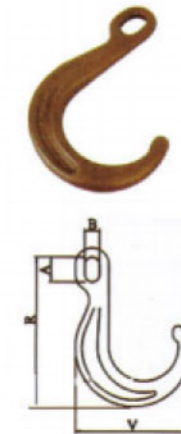
Size(in)	DIMENSIONS ( mm )				W.B.S.(Lbs)		Weight(Kgs)
	A	B	L	M	Carbon	Alloy	
5/16	0.54	1.02	3.37	2.64	11700	18800	0.66



### T Hook

Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

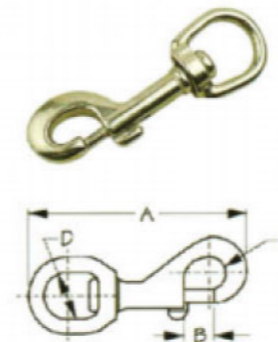
Size(in)	DIMENSIONS ( mm )			W.B.S.(Lbs)		Weight(Kgs)
	A	L	R	Carbon	Alloy	
5/16	0.5	3.98	1.09	11700	18000	0.57



### J Type Hook with Ellipse Hole

Forged Alloy Steel  
Quenched & Tempered.  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

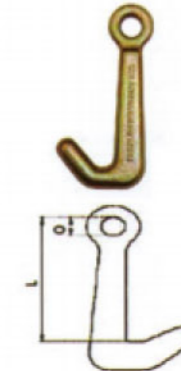
Size	Working Load Limit (t)	DIMENSIONS ( mm )				Weight (kg/pc)
		A	B	R	V	
8	2.45	32	19.5	162	146	1.5
15	2.45	32	19.5	318.2	157.3	2



### Swivel Eye Snap Hook

Forged Stainless Steel/Alloy Steel  
Quenched & Tempered.  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

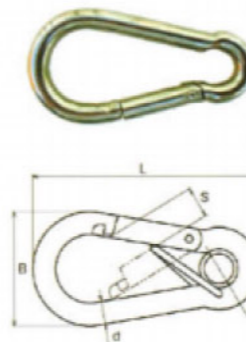
Size	Working Load Limit (lbs)	DIMENSIONS ( in )			Weight (kg/pc)
		D	A	C	
3/8	50	0.48	2.73	0.28	0.02
1/2	100	0.55	3.16	0.36	0.03
5/8	200	0.7	3.68	0.41	0.06
3/4	250	0.79	3.6	0.34	0.062
1 1/4	300	0.85	3.8	0.34	0.115



### Small J Hook

Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size(in)	DIMENSIONS ( mm )		W.B.S.(Lbs)	Weight(Kgs)
	L	O		
5/16-3/8	104	14.5	18800	0.32



### Din5299 Snap Hook

Forged Stainless Steel/Carbon Steel  
Quenched & Tempered.  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size (mm)	Working Load Limit(lbs)	Weight (lbs/100pc)	Part No.	Size (mm)	Working Load Limit(lbs)	Weight (lbs/100pc)
4 × 40	200	1.87	TKB196	10 × 100	770	31.68
5 × 50	220	3.96	TKB197	11 × 120	990	42.24
6 × 60	260	6.16	TKB198	12 × 140	1200	59.4
7 × 70	400	9.9	TKB199	13 × 160	1400	77
8 × 80	500	15.4	TKB200	14 × 180	1600	110
9 × 90	550	19.8	TKB201	15 × 200	1850	154



### J Sling Hook

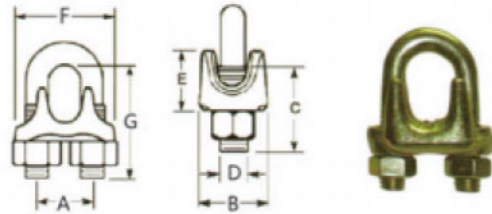
Forged Alloy Steel  
Quenched & Tempered  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

Size(in)	DIMENSIONS ( mm )			W.B.S.	Weight(Kgs)
	φB	R	φD		
5/16-3/8	14.4	107.1	16.1	8.5	0.32



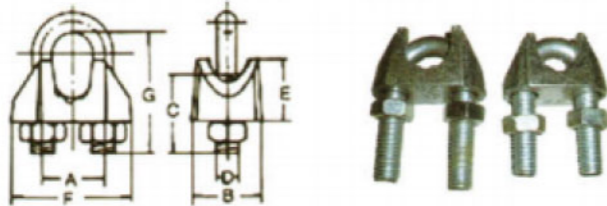
# W 卡头 Wire Rope Clip

Type A Wire Rope Clip



Min-Max Size (mm)	Dimensions (in.)							Weight (kg/100)
	A	B	C	D	E	F	G	
5	12	13	13	5	13	25	20	2.08
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	17	28	30	12	29	55	52	27.5
16	32	32	35	14	35	64	64	43
19	36	32	36	14	40	68	69	49
22	40	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

Type B Wire Rope Clip

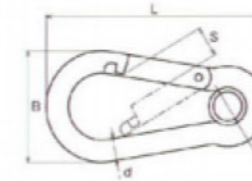


Min-Max Size (in)	Dimensions (in.)							Weight (kg/100)
	A	B	C	D	E	F	G	
1/8	9	12	12	4	9.5	19	20	1.17
3/16	11	13.5	14	5	10.8	22	26	1.7
1/4	12.5	15.5	14	6	11.5	25	26	2.53
5/16	15.5	18	16	6	16	31	31	3.8
3/8	21	22	20	8	20	40	37	7.93
1/2	25	25	24	10	26	47	46	14.4
5/8	30	28	28	12	31	55	57	23.08
11/16	33	28.5	30	12	35	58.5	64	26.8
3/4	36.5	31	34	16	36	65	71	44.3
7/8	40	36	38	16	43	72	77	57.1
1	45	40	44	20	48	80	88	88.43

Din5299 Snap Hook with Eyelet

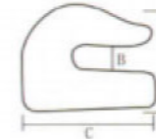


Forged Stainless Steel/Carbon Steel  
Quenched & Tempered.  
Max proof load is 2.5 times Working Load Limit.  
Ultimate Load is 4 times Working Load Limit.

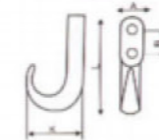


Size (mm)	DIMENSIONS (mm)					WLL (lbs)	Weight (lbs/100pc)
	d	B	L	D	S		
4x40	4	20	40	4	7	200	0.85
5x50	5	25	50	5	7	220	1.8
6x60	6	30	60	5	8	260	3
7x70	7	35	70	7	8	400	5
8x80	8	40	80	10	9	500	7
9x90	9	45	90	12	10	550	9.8
10x100	10	50	100	13	11	770	14.2
11x120	11	57	120	13	16	990	21
12x140	12	67	140	15	19	1200	27
13x160	13	74	160	17	25	1400	35.8
14x180	14	86	180	17	35	1600	46.3

Weld on Grab Hook

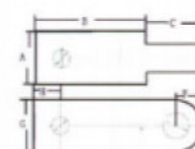


Size		DIMENSIONS (mm)			WLL (lbs)	Weight (kgs)
inch	mm	B	C	A		
5/16	8	11.5	64	49.6	4700	0.21
3/8	10	13	76	60	6600	0.4
1/2	13	17.5	99	78.1	11300	0.79
5/8	16	20.6	127	103.9	15800	1.5



Tow Hook with Latch

DIMENSIONS (in)				Max Load (lbs)	Breaking Strength (lbs)	Weight (lbs)
A	B	K	L			
1.32	1.37	3.25	5.25	10000	15000	1.59

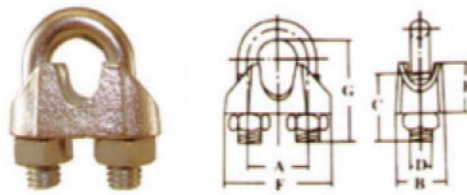


Hitch Receiver

DIMENSIONS (mm)									WLL (kg)
A	B	C	d1	d2	E	F	G	H	
50	104	55	16.5	24.5	27	25	50	24.5	5000

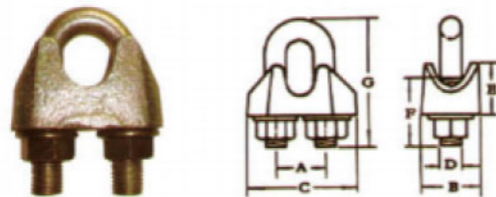


**DIN741 Wire Rope Clip**



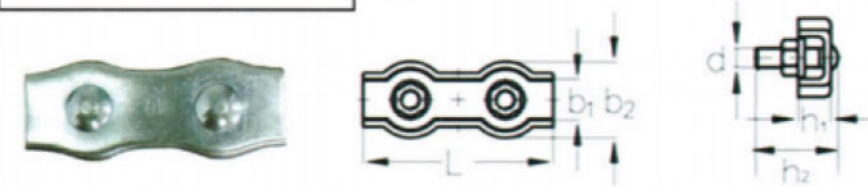
Min-Max Size		Dimensions(in.)							Weight (kg/100)
(mm)	(in)	A	B	C	D	E	F	G	
3	1/8	9	10	12	4	10	21	16	1.4
5	3/16	11	11	13	5	10	23	19	1.5
6.5	1/4	13	12	15	5	11	26	23	2.1
8	5/16	16	14	19	6	15	30	28	4.1
10	3/8	19	18	22	8	17	34	34	6.8
11	7/16	20	19	22	8	18	36	36	7.2
13	1/2	24	23	30	10	21	42	45	13
14	9/16	25	23	30	10	22	44	47	13.5
16	5/8	29	26	33	12	26	50	51	21
19	3/4	32	29	38	12	30	54	63	28
22	7/8	37	33	44	14	34	61	71	40
26	1	41	35	45	14	37	65	81	44
30	11/8	48	37	50	16	43	74	94	66
34	11/4	52	42	55	16	50	80	104	85
40	11/2	58	45	60	16	55	88	124	104

**DIN1142 Wire Rope Clip**



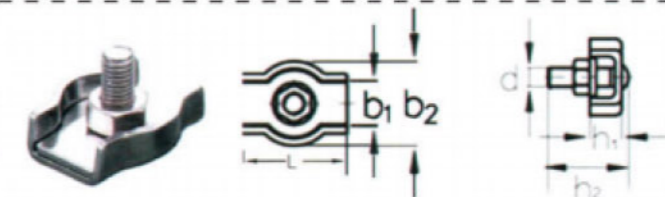
Min-Max Size (mm)		Dimensions(mm.)						
		A	B	C	D	E	F	G
5		12	13	25	5	13	13	25
6.5		14	16	30	6	14	17	32
8		18	20	39	8	18	20	41
10		20	20	40	8	21	24	46
13		27	28	55	12	29	30	64
16		32	32	64	14	35	35	76
19		36	32	68	14	40	36	83
22		40	34	74	16	44	40	96
26		46	38	84	20	51	50	111
30		54	41	95	20	59	55	127
34		60	45	105	22	67	60	141
40		68	49	117	24	77	65	159

**Duplex Wire Rope Clip**



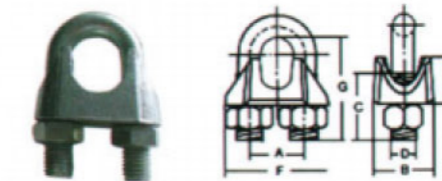
Min-Max Size (mm)	Dimensions					
	b1 mm	b2 mm	d mm	h1 mm	h2 mm	L mm
2	4	12	M4	5	14	30
3	6	14	M4	7	14	35
4	8	18	M5	7	18	40
5	10	20	M5	8	18	50
6	12	24	M6	9	23	60
8	17	30	M8	13	25	75
10	21	35	M10	16	32	95

**Simple Wire Rope Clip**



Min-Max Size (mm)	Dimensions					
	b1 mm	b2 mm	d mm	h1 mm	h2 mm	L2 mm
2	4	12	M4	5	14	15
3	6	14	M4	7	14	17
4	8	18	M5	7	18	20
5	10	20	M5	8	18	25
6	12	24	M6	9	23	30
8	17	30	M8	13	25	37

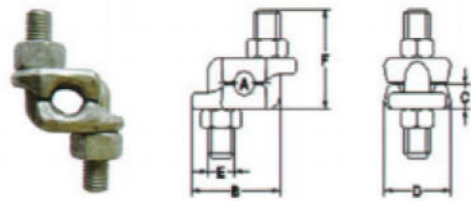
**US Type Malleable Wire Rope Clip**



Min-Max Size (in)	Dimensions							Weight (kg/100)
	A	B	C	D	E	F	G	
1/8	11	14	14	10-24	10.8	22	20	1.5
3/16	13.5	15	16	1/4-20	13	26	24	3
1/4	17	18.5	20	5/16-18	15	32	31.5	5.18
5/16	18.3	20	22	5/16-18	16	35	34	5.95
3/8	22.5	22	27	3/8-16	22	40.5	41.8	10.01
7/16	24	23	30	3/8-16	22	43	42.8	11.43
1/2	27	26	35	7/16-14	23.3	49	53.9	17.42
9/16	30	26.5	40	1/2-13	27	52.5	54.7	22.56
5/8	33	28.5	40	1/2-13	28	57.5	59.2	24.84
3/4	34.5	32	42	9/16-12	34	61	68.7	36.53
7/8	41	37	46	5/8-11	38	71	78	53.23
1	45.5	42	55	5/8-11	43	77.5	87.5	68.32

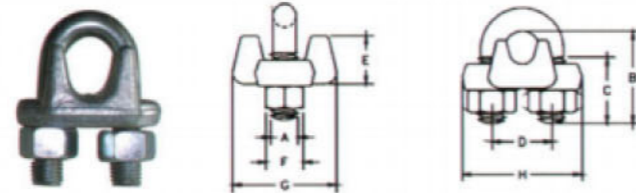


**Fist Grip Wire Rope Clip**



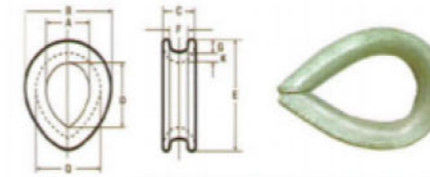
Min-Max Size (in)	Dimensions(in.)						Weight Pounds Per 100
	A	B	C	D	E	F	
3/16-1/4	0.25	1.25	0.34	0.94	0.38	1.28	18
5/16	0.31	1.34	0.44	1.06	0.38	1.47	28
3/8	0.38	1.59	0.5	1.06	0.44	1.81	40
7/16-1/2	0.5	1.88	0.56	1.25	0.5	2.19	70
9/16-5/8	0.63	2.28	0.69	1.5	0.63	2.69	100
3/4	0.75	2.69	0.88	1.81	0.75	2.94	175
7/8	0.88	2.97	0.97	2.13	0.75	3.31	225
1	1	3.06	1.19	2.25	0.75	3.72	300
1 1/8	1.13	3.44	1.28	2.38	0.88	4.19	400
1 1/4	1.25	3.56	1.34	2.5	0.88	4.25	400
13/8-11/2	1.5	4.13	1.56	3	1	5.56	700

**US Type G450 Wire Rope Clip**



Min-Max Size		Std. Package Qty.	Weight (kg/100)	Dimensions							
mm	in			A	B	C	D	E	F	G	H
3-4	1/8	100	2.72	5.60	18.3	11.2	11.9	10.4	9.65	20.6	23.9
5	3/16	100	4.54	6.35	24.6	14.2	15.0	12.7	11.2	23.9	29.5
6-7	1/4	100	8.62	7.85	26.2	12.7	19.1	16.8	14.2	30.2	36.6
8	5/16	100	12.7	9.65	35.1	19.1	22.4	18.3	17.5	33.3	42.9
6-7	3/8	100	21.8	11.2	38.1	19.1	25.4	23.1	19.1	41.4	49.3
11	7/16	50	35.4	12.7	47.8	25.4	30.2	26.2	22.4	46.0	58.0
12-13	1/2	50	36.3	12.7	47.8	25.4	30.2	28.7	22.4	48.5	58.0
14-15	9/16	50	49.4	14.2	57.0	31.8	33.3	31.0	23.9	52.5	63.5
16	5/8	50	49.9	14.2	60.5	31.8	33.3	34.0	23.9	52.5	63.5
18-20	3/4	25	64	15.7	70.0	36.6	38.1	35.8	26.9	57.0	72.0
22	7/8	25	96	19.1	79.0	41.1	44.5	40.4	31.8	62.0	80.5
24-26	1	10	114	19.1	89.0	46.0	47.8	45.2	31.8	67.0	88.0
28-30	1-1/8	10	128	19.1	98.5	51.0	51.0	48.5	31.8	71.5	91.0
32-34	1-1/4	10	199	22.4	108	54.0	59.4	55.5	36.6	79.5	105
36	1-3/8	10	200	22.4	118	58.5	59.4	58.5	36.6	79.5	106
38	1-1/2	10	247	22.4	125	60.5	66.5	62.0	36.6	86.5	113
41-42	1-5/8	Bulk	319	25.4	135	66.5	70.0	67.5	41.4	92.0	121
44-46	1-3/4	Bulk	424	28.7	146	70.0	77.5	74.5	46.0	97.0	134
48-52	2	Bulk	590	31.8	164	76.0	86.0	77.0	51.0	113	149
56-58	2-1/4	Bulk	726	31.8	181	81.0	98.5	81.0	51.0	114	162
62-65	2-1/2	Bulk	862	31.8	195	87.5	105	93.5	51.0	119	168
68-72	2-3/4	Bulk	1043	31.8	211	90.5	111	124	51.0	127	175
75-78	3	Bulk	1406	38.1	233	98.5	121	119	60.5	149	194
85-90	3-1/2	Bulk	1814	38.1	273	114	140	152	60.5	157	213

**T 套环/环  
Thimble/rings**



**BS464 Wire Rope Thimble**

Min-Max Size (mm)	Dimensions(mm)								
	A	B	C	D	E	F	G	K	Q
8	22.2	38.1	12.7	33.3	54.0	7.9	4.0	4.0	30.2
9	25.4	47.6	14.3	38.1	63.5	10.3	6.4	4.8	34.9
11	28.6	54.0	17.5	41.3	73.0	12.7	7.9	4.8	38.1
13	31.8	58.7	20.6	44.4	79.4	14.3	7.9	5.6	42.9
14	31.8	58.7	20.6	44.4	79.4	14.3	7.9	5.6	42.9
16	41.3	74.6	22.2	58.7	98.4	15.9	8.7	7.9	57.2
17	44.4	79.4	28.6	66.7	108	19.0	9.5	7.9	60.3
19	50.8	92.1	28.6	73.0	124	20.6	11.1	9.5	69.8
21	50.8	92.1	28.6	73.0	124	20.6	11.1	9.5	69.8
22	57.2	102	31.8	82.6	133	22.2	12.7	9.5	76.2
24	63.5	110	33.3	92.1	146	25.4	12.7	10.3	84.1
25	69.8	119	34.9	108	162	27.0	14.3	10.3	90.5
29	76.2	133	38.1	111	178	28.6	15.9	12.7	102
32	95.2	152	41.3	133	197	33.3	15.9	12.7	121
35	105	175	47.6	152	229	38.1	19.0	15.9	137
38	114	197	54.0	165	254	41.3	23.8	17.5	149

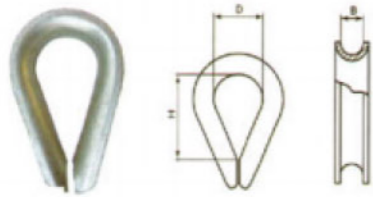


**European Thimble**

Wire Size (mm)	Dimensions(mm)				
	A	B	C	D	E
4	25	20	11	7	4
5	31	24	15	8	5
6	37	29	18	10	6
7	44	34	22	11	7
8	51	38	24	12	8
10	64	46	30	14	10
12	76	57	38	18	12
14	82	60	40	20	14
16	89	64	42	22	16
18	102	69	45	26	18
20	115	79	51	28	20
22	127	89	54	30	22
24	140	102	64	34	26
26	152	105	64	34	28
28	165	115	73	38	30
30	178	121	79	44	32
32	203	133	93	46	34

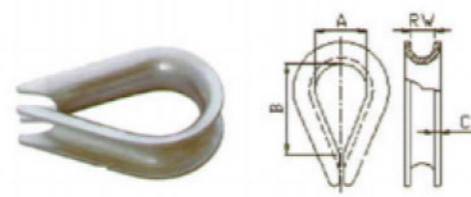


**DIN6899A Thimble**



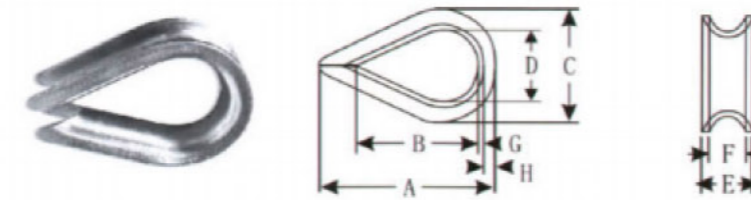
Rope Dia. (mm)	Dimensions(mm)			weight kg/pc
	B	H	D	
2.5	3	21.5	10	0.14
3	3.5	23.5	11	0.35
4	5	28.5	13	0.42
5	6	30	14	0.8
6	7	33	15	0.81
7	8	35	16	1.1
8	9	39	18	1.7
9	10	43	20	2.1
10	11	47.5	22	3.5
11	12	51.5	24	3.7
12	13	56.5	26	5.25
13	14	61	28	7.25
15	16	69.5	32	8.33
16	18	78	35	17.9
18	20	86.5	40	27
20	22	95	44	35.5
26	105	48	52	-

**DIN6899B Thimble**



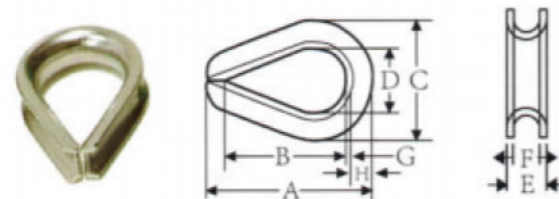
Rope Dia. (mm)	Dimensions(mm)			
	RW	A	B	C
2.5	3	12	19	1.6
3.5	4	13	21	1.6
4	5	14	23	1.9
5	6	16	25	2.4
6	7	18	28	2.4
7	8	20	32	2.8
9	10	24	38	3.1
11	12	28	45	3.3
13	14	32	51	3.7
15	16	36	58	3.8
17	18	40	64	4.7
18	20	45	72	5.7
20	22	50	80	5.7
22	24	56	90	6.5
24	26	62	99	6.8
26	28	70	112	8
28	30	75	120	8
30	32	80	128	8
32	34	95	152	8.5

**US Type G411 Thimble**



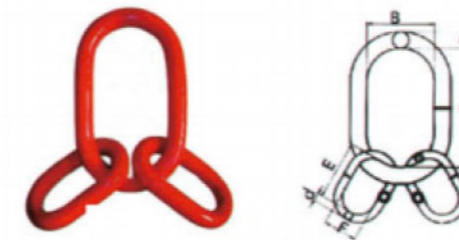
Rope Dia.		Dimensions(mm)								Weight Per 100(kg)
mm	in	A	B	C	D	E	F	G	H	
3-4	1/8	49.3	33.3	26.9	17.5	6.35	4.05	1.25	3.30	1.59
5	3/16	49.3	33.3	26.9	17.5	7.85	5.60	1.25	3.30	1.59
6-7	1/4	49.3	33.3	26.9	17.5	9.65	7.10	1.25	3.30	1.59
8	5/16	54.0	38.1	31.8	20.6	11.2	8.65	1.25	3.30	1.81
9-10	3/8	60.5	41.4	37.3	23.9	13.5	10.4	1.50	4.06	3.04
11-13	1/2	70.0	47.8	44.5	28.7	17.5	13.5	2.05	4.83	5.67
16	5/8	89.0	57.0	60.5	35.1	23.1	16.8	3.30	8.64	15.7
18-20	3/4	95.5	63.5	68.5	41.4	27.4	19.8	3.55	8.64	21.4
22	7/8	127	89.0	81.0	47.8	32.3	23.9	4.05	11.2	38.4
24-26	1	145	108	95.5	63.5	35.3	26.9	4.05	10.4	44.2
28-32	1-1/8-1-1/4	159	114	109	70.0	44.5	33.3	5.60	12.7	79

**US Type G414 Thimble**



Rope Dia.		Dimensions(mm)								Weight Per 100(kg)
mm	in	A	B	C	D	E	F	G	H	
6-7	1/4	55.5	41.4	38.1	22.4	11.2	7.10	1.50	5.85	2.95
8	5/16	63.5	47.8	46.0	26.9	14.0	8.65	2.05	7.10	5.35
9-10	3/8	73.0	54.0	54.0	28.7	16.8	10.4	2.80	8.65	9.80
11-12	7/16	82.5	60.5	60.5	31.8	18.8	11.9	3.30	9.65	15.7
13-15	1/2 - 9/16	92.0	70.0	70.0	38.1	23.4	13.5	3.55	10.4	23.1
16	5/8	108	82.5	79.5	44.5	26.2	16.8	4.05	12.7	34.3
18-20	3/4	127	95.5	96.5	51.0	33.0	19.8	5.60	16.8	72
22	7/8	140	108	108	57.0	37.3	23.9	5.60	19.1	81
24-26	1	156	114	125	63.5	44.5	26.9	6.35	22.4	142
28-32	1-1/8-1-1/4	178	130	149	73.0	47.8	33.3	6.35	28.7	181
32-35	1-1/4-1-3/8	230	165	173	89.0	57.2	36.6	9.65	28.7	402
35-38	1-3/8-1-1/2	229	159	181	89.0	66.5	39.6	12.7	28.7	587
40	1-5/8	286	203	207	102	76.2	43.7	12.7	35.1	771
44	1-3/4	310	229	216	114	77.7	46.7	12.7	33.3	805
48-52	1-7/8 - 2	384	305	264	152	85.9	53.0	12.7	38.1	1259
56	2-1/4	435	356	302	178	98.6	60.5	16.0	41.4	1792

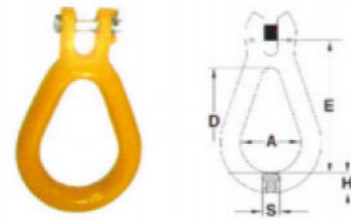
**Master Link Assembly**



Min-Max Size (mm)	W.L.L.(kgs)	Dimensions(mm)						Weight (kgs)
		B	C	D	d	E	G	
18-13	6400	75	135	18	13	54	25	1.16
22-16	8000	90	160	22	16	70	34	2.22
26-18	12800	100	180	26	18	85	40	3.36
32-22	20000	110	200	32	22	116	50	5.02
36-26	32000	140	360	36	26	140	65	9.94
45-32	40000	180	340	45	32	150	70	18.91
51-32	50000	190	350	51	42	150	70	23.3
51-38	60000	190	350	51	38	170	75	25.8
57-40	80000	200	400	57	40	170	80	39.25



**Clevis Pear Shaped Ring**



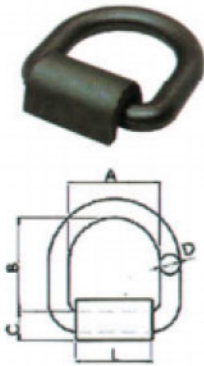
Chain Size ( mm )		Working Load Limit(t)	Dimensions(mm)					Weight Each (kg)
mm	in		A	D	E	H	S	
7-8	1/4-5/16	2.5	39	67.5	90	16	10	0.26
10	3/8	4	49	85.5	108	17	14	0.5
13	1/2	6.8	62.5	108	138	21	18	1.1
16	5/8	10.3	79	139	180	30.5	25.5	2.55

**G401 Swivel Ring**



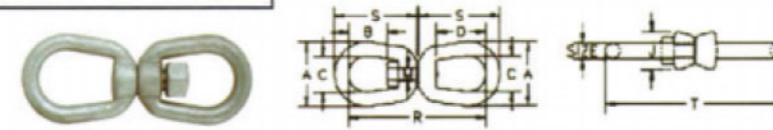
Size (mm)	WLL (LBS)	Dimensions(in)												Weight each (LBS)
		A	B	C	D	E	G	J	M	R	T	U	V	
1/4	850	1.25	0.69	0.75	0.62	1.12	0.25	0.69	0.31	2.25	2.75	1.69	1.25	0.13
5/16	1250	1.63	0.81	1	0.75	1.38	0.31	0.81	0.38	2.72	3.34	2.06	1.47	0.25
3/8	2500	2	0.94	1.25	1	1.75	0.38	1	0.5	3.44	4.19	2.5	1.88	0.61
1/2	3600	2.5	1.31	1.5	1.25	2.25	0.5	1.31	0.63	4.25	5.25	3.19	2.44	1.12
5/8	5200	3	1.56	1.75	1.5	2.75	0.62	1.5	0.75	5.13	6.31	3.88	2.94	1.75
3/4	7200	3.5	1.75	2	1.75	3.25	0.75	1.88	0.88	5.78	7.22	4.94	3.46	3.09

**D-Ring**



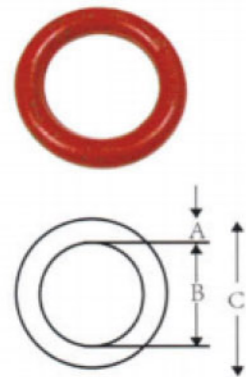
Chain Size ( mm )		M.B.S.(Lbs)	Dimensions(mm)		Weight Each (kg)
A x B x D	L		C		
2 1/4 x 2 1/2 x 1/2	44.8	12000	15.5	0.425	
3 x 3 x 5/8	63	18000	23.4	0.85	
3 x 3 x 3/4	63	26500	25.4	1.225	
3 x 3 x 1	64	47000	30.8	1.91	
3 x 4 x 1	64	47000	30.8	2.15	

**G402 Swivel Ring**



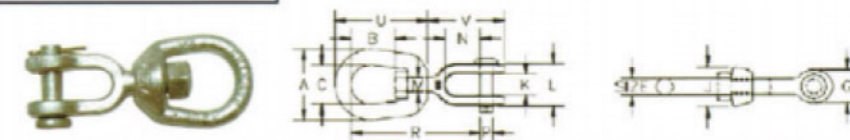
Size (mm)	WLL (LBS)	Dimensions(in)										Weight (LBS)
		A	B	C	D	J	M	R	S	T		
1/4	850	1.25	0.69	0.75	1.06	0.69	0.31	2.94	1.69	3.44	0.21	
5/16	1250	1.63	0.81	1	1.25	0.81	0.38	3.56	2.06	4.19	0.39	
3/8	2250	2	0.94	1.25	1.5	1	0.5	4.31	2.5	5.06	0.75	
1/2	3600	2.5	1.31	1.5	2	1.31	0.63	5.44	3.19	6.44	1.43	
5/8	5200	3	1.56	1.75	2.38	1.5	0.75	6.56	3.88	7.18	2.5	
3/4	7200	3.5	1.75	2	2.63	1.88	0.88	7.19	4.31	8.69	4.13	
7/8	10000	4	2.06	2.25	3.06	2.13	1	8.38	5	10.1	6.25	
1	12500	4.5	2.31	2.5	3.5	2.38	1.13	9.63	5.75	11.6	9	
1 1/4	18000	5.36	2.69	3.13	3.69	3	1.38	11.13	6.75	13.4	16.37	
1 1/2	45200	7	4.19	4	4.19	4	2.25	17.13	10	20.1	49.06	

**Weldless Ring**



Size A ( mm )	WLL. Single Pull(t)	Dimensions(mm)		Weight Each (kg)
		B	C	
22.2 x 102	3.27	102	146	1.23
22.2 x 140	2.54	140	184	1.57
25.4 x 102	4.9	102	152	1.67
28.6 x 152	4.72	152	210	2.99
31.8 x 127	7.71	127	191	3.09
34.9 x 152	8.62	152	222	4.59

**G403 Swivel Ring**



Size (mm)	WLL (LBS)	Dimensions(in)														Weight (LBS)
		A	B	C	G	J	K	L	M	N	P	R	T	U	V	
1/4	850	1.25	0.69	0.75	0.69	0.69	0.47	1.03	0.31	0.88	0.25	2.63	3.38	1.69	1.25	0.25
5/16	1250	1.63	0.81	1	0.81	0.81	0.5	1.13	0.38	0.88	0.31	2.94	3.88	2.06	1.81	0.37
3/8	2250	2	0.94	1.25	1	1	0.63	1.41	0.5	1.06	0.38	3.63	4.75	2.5	2.25	0.7
1/2	3600	2.5	1.31	1.5	1.31	1.31	0.75	1.75	0.63	1.31	0.5	4.5	6.06	3.19	2.88	1.43
5/8	5200	3	1.56	1.75	1.63	1.5	0.94	2.06	0.75	1.5	0.63	5.31	7.31	3.88	3.44	2.48
3/4	7200	3.5	1.75	2	1.88	1.88	1.13	2.53	0.88	1.75	0.75	6.06	8.31	4.31	4	3.88
7/8	10000	4	2.06	2.25	2.13	2.13	1.19	2.75	1	2.06	0.88	7	9.53	5	4.53	5.75
1	12500	4.5	2.31	2.5	2.63	2.38	1.75	3.72	1.13	2.81	1.13	8.56	11.7	5.75	5.94	10.25
1 1/4	18000	5.69	2.69	3.13	3.31	3	2.06	4.31	1.38	2.81	1.38	9.44	13.1	6.75	6.38	15.75
1 1/2	45200	7	4.19	4	5.63	4	2.88	6	2.25	4.44	2.25	14.7	20.8	10	10.8	54.75

**Delta Ring**

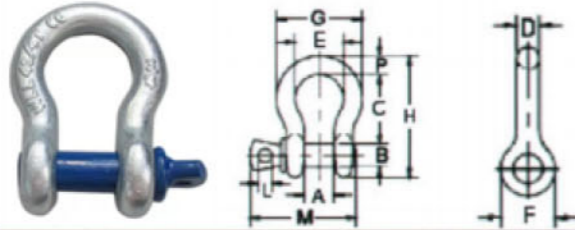


Size (in.)	M.B.S (lbs)	Weight (kgs)
3	18000	0.36
4	20000	0.62



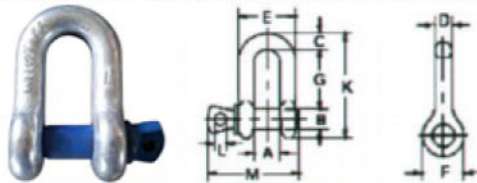
# S 卸扣 hackle

## US Type G209 Screw Pin Anchor Shackle



Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(mm)											Weight Each (kg)
		A	B	C	D	E	F	G	H	L	M	P	
3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85	0.03
1/4	1/2	11.9	7.85	28.7	6.35	19.8	15.5	32.5	45.2	4.85	35.1	6.35	0.05
5/16	3/4	13.5	9.65	31.0	7.85	21.3	19.1	37.3	53.0	5.60	42.2	7.85	0.09
3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63.0	6.35	51.5	9.65	0.14
7/16	1-1/2	9.1	12.7	42.9	11.2	29.5	26.9	51.5	74.0	7.85	60.5	11.2	0.17
1/2	2	20.6	16.0	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7	0.33
5/8	3-1/4	26.9	19.1	60.5	16.0	42.9	38.1	74.5	106	11.2	85.0	17.5	0.62
3/4	4-3/4	31.8	22.4	71.5	19.1	51.0	46.0	89.0	126	12.7	101	20.6	1.07
7/8	6-1/2	36.6	25.4	84.0	22.4	58.0	53.0	102	148	12.7	114	24.6	1.64
1	8-1/2	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9	2.28
1-1/8	9-1/2	46.0	31.8	108	29.5	74.0	68.5	131	190	16.0	142	31.8	3.36
1-1/4	12	51.5	35.1	119	32.8	82.5	76.0	148	210	17.5	156	35.1	4.31
1-3/8	13-1/2	57.0	38.1	133	36.1	92.0	84.0	162	233	19.1	174	38.1	6.14
1-1/2	17	60.5	41.4	146	39.1	98.5	92.0	175	254	20.6	187	41.1	7.80
1-3/4	25	73.0	51.0	178	46.7	127	106	225	313	25.4	231	57.0	12.6
2	35	82.5	57.0	197	53.0	146	122	253	348	31.0	263	61.0	20.4
2-1/2	55	105	70.0	267	69.0	184	145	327	453	35.1	330	79.5	38.9

## US Type G210 Screw Pin Chain Shackle



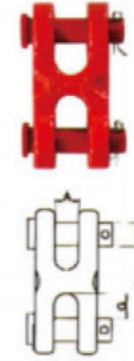
Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(mm)										Weight Each (kg)
		A	B	C	D	E	F	G	K	L	M	
1/4	1/2	11.9	7.85	6.35	6.35	24.6	15.5	22.4	40.4	4.85	35.1	0.05
5/16	3/4	13.5	9.65	7.85	7.85	29.5	19.1	26.2	48.5	5.60	42.2	0.08
3/8	1	16.8	11.2	9.65	9.65	35.8	23.1	31.8	58.5	6.35	51.5	0.13
7/16	1-1/2	19.1	12.7	11.2	11.2	41.4	26.9	36.6	67.5	7.85	60.5	0.20
1/2	2	20.6	16.0	12.7	12.7	46.0	30.2	41.4	77.0	9.65	68.5	0.27
5/8	3-1/4	26.9	19.1	15.7	15.7	58.5	38.1	51.0	95.5	11.2	85.0	0.57
3/4	4-3/4	31.8	22.4	20.6	20.6	70.0	46.0	60.5	115	12.7	101	1.20
7/8	6-1/2	36.6	25.4	24.6	24.6	81.0	53.0	71.5	135	12.7	114	1.43
1	8-1/2	42.9	28.7	25.4	25.4	93.5	60.5	81	151	14.2	129	2.15
1-1/8	9-1/2	46.0	31.8	31.8	28.7	103	68.5	91.0	172	16.0	142	3.06
1-1/4	12	51.5	35.1	35.1	31.8	115	76.0	100	191	17.5	156	4.11
1-3/8	13-1/2	57.0	38.1	38.1	35.1	127	84.0	111	210	19.1	174	5.28
1-1/2	17	60.5	41.4	41.1	38.1	137	92.0	122	230	20.6	187	7.23
1-3/4	25	73.0	51.0	54.0	44.5	164	106	146	279	25.4	231	12.1
2	35	82.5	57.0	60.0	51.0	184	122	172	312	31.0	263	19.2
2-1/2	55	105	70.0	66.5	66.5	238	145	203	377	35.1	330	32.5

## Alloy Master Link

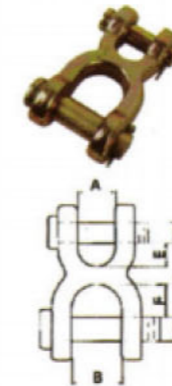


Size A (mm)	Working Load Limit(t)	Dimensions(mm)			Weight Each (kg)
		B	C	D	
8	1.13	12.7	44.5	30	0.07
10	1.72	14.2	47.8	35.1	0.1
13	2.95	19.1	60.5	46	0.22
16	4.22	25.4	82.5	59	0.44
19	6.35	28.7	89	68	0.68
22	5.44	51	130	95.5	1.17
25	6.89	57	146	108	1.79
32	11.97	63.5	178	127	3.31
35	13.61	70	197	140	4.71

## Twin Clevis Links



Size (in)	WLL(Lbs)	Dimensions(mm)				Weight (Lbs)
		A	R	D	G	
1/4-5/16	4700	0.47	1.18	0.38	0.43	0.32
3/8	6600	0.53	1.34	0.47	0.48	0.44
7/16-1/2	11250	0.65	1.75	0.56	0.63	1
5/8	16500	0.78	2.12	0.69	0.75	1.32



Size (in)	WLL (Lbs)	Dimensions(mm)							Weight (Lbs)
		A	B	C	D	E	F	R	
1/4	2600	0.5	0.75	0.5	0.31	0.38	0.75	1.5	0.44
5/16-3/8	5400	0.56	1	0.63	0.44	0.47	1	1.81	0.81
7/16	7000	0.69	1.13	0.69	0.56	0.59	1.09	2.19	1.28
1/2	9200	0.81	1.25	0.75	0.63	0.66	1.25	2.47	1.68
5/8	17500	0.78	1.63	1	0.75	0.83	1.51	3.03	2.91

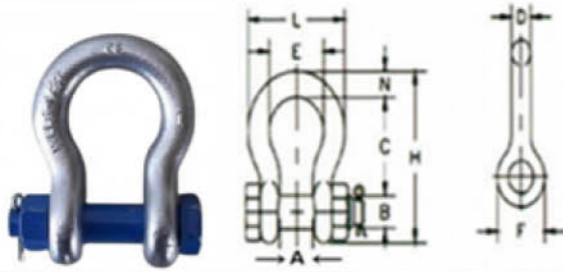
## One Way Lashing Buckle



Size (mm)	Working Load Limit (kg)	Breaking Strength (kg)	Dimensions(mm)	Weight (g)
			A	
30-32	3000	6000	32	225
40-42	4000	8000	42	265
50-52	5000	10000	52	410

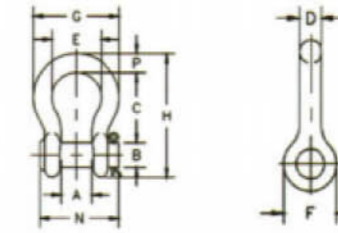


**US Type G2130 Bolt Type Anchor Shackle**



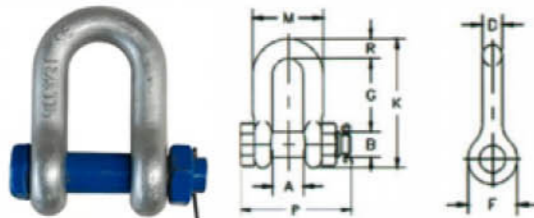
Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(mm)										Weight Each (kg)
		A	B	C	D	E	F	N	H	L		
3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	4.85	37.3	24.9	0.03	
1/4	1/2	11.9	7.85	28.7	6.35	19.8	15.5	6.35	46.7	32.5	0.05	
5/16	3/4	13.5	9.65	31.0	7.85	21.3	19.1	7.85	53.0	37.3	0.10	
3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	9.65	63.0	45.2	0.15	
7/16	1-1/2	19.1	12.7	42.9	11.2	29.5	26.9	11.2	74.0	51.5	0.22	
1/2	2	20.6	16.0	47.8	12.7	33.3	30.2	12.7	83.5	58.5	0.36	
5/8	3-1/4	26.9	19.1	60.5	16.0	42.9	38.1	17.5	106	74.5	0.62	
3/4	4-3/4	31.8	22.4	71.5	19.1	51.0	46.0	20.6	126	89.0	1.23	
7/8	6-1/2	36.6	25.4	84.0	22.4	58.0	53.0	24.6	148	102	1.79	
1	8-1/2	42.9	28.7	95.5	25.4	68.5	60.5	26.9	167	119	2.28	
1-1/8	9-1/2	46.0	31.8	108	28.7	74.0	68.5	31.8	190	131	3.75	
1-1/4	12	51.5	35.1	119	31.8	82.5	76.0	35.1	210	146	5.31	
1-3/8	13-1/2	57.0	38.1	133	35.1	92.0	84.0	38.1	233	162	7.18	
1-1/2	17	60.5	41.4	146	38.1	98.5	92.0	41.1	254	175	8.62	
1-3/4	25	73.0	51.0	178	44.5	127	106	57.0	313	225	15.4	
2	35	82.5	57.0	197	51.0	146	122	61.0	348	253	23.7	
2-1/2	55	105	70.0	267	66.5	184	145	79.5	453	327	44.6	
3	85	127	82.5	330	76	200	165	92.0	546	365	70	
3-1/2	120	133	95.5	372	92	229	203	105	626	419	120	
4	150	140	108	368	104	254	229	116	653	468	153	

**US Type G213 Round Pin Anchor Shackle**



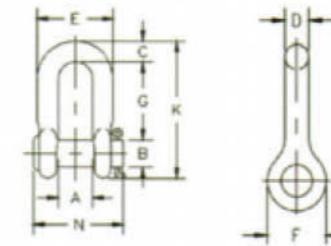
Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(in)											Weight Each (lbs)
		A	B	C	D	E	F	G	H	N	P		
1/4	1/2	0.47	0.31	1.13	0.25	0.78	0.61	1.28	1.84	1.34	0.25	0.13	
5/16	3/4	0.53	0.38	1.22	0.31	0.84	0.75	1.47	2.09	1.59	0.31	0.18	
3/8	1	0.66	0.44	1.44	0.38	1.03	0.91	1.78	2.49	1.86	0.38	0.29	
7/16	1-1/2	0.75	0.50	1.69	0.44	1.16	1.06	2.03	2.91	2.13	0.44	0.38	
1/2	2	0.81	0.63	1.88	0.50	1.31	1.19	2.31	3.28	2.38	0.50	0.71	
5/8	3-1/4	1.06	0.75	2.38	0.63	1.69	1.50	2.94	4.19	2.91	0.69	1.50	
3/4	4-3/4	1.25	0.88	2.81	0.75	2.00	1.81	3.50	4.97	3.44	0.81	2.32	
7/8	6-1/2	1.44	1.00	3.31	0.88	2.28	2.09	4.03	5.83	3.81	0.97	3.49	
1	8-1/2	1.69	1.13	3.75	1.00	2.69	2.38	4.69	6.56	4.53	1.06	5.00	
1-1/8	9-1/2	1.81	1.25	4.25	1.13	2.91	2.69	5.16	7.47	5.13	1.25	6.97	
1-1/4	12	2.03	1.38	4.69	1.29	3.25	3.00	5.75	8.25	5.50	1.38	9.75	
1-3/8	13-1/2	2.25	1.50	5.25	1.42	3.63	3.31	6.38	9.16	6.13	1.50	13.25	
1-1/2	17	2.38	1.63	5.75	1.54	3.88	3.63	6.88	10.00	6.50	1.62	17.25	
1-3/4	25	2.88	2.00	7.00	1.84	5.00	4.19	8.86	12.34	7.75	2.25	29.46	
2	35	3.25	2.25	7.75	2.08	5.75	4.81	9.97	13.68	8.75	2.40	45.75	

**US Type G2150 Bolt Type Chain Shackle**



Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(mm)										Weight Each (kg)
		A	B	D	F	G	K	M	P	R		
1/4	1/2	11.9	7.85	6.35	15.5	19.1	40.4	24.6	39.6	6.35	0.06	
5/16	3/4	13.5	9.65	7.85	19.1	25.4	48.5	29.5	46.2	7.85	0.10	
3/8	1	16.8	11.2	9.65	23.1	31.0	58.5	35.8	55	9.65	0.15	
7/16	1-1/2	19.1	12.7	11.2	26.9	36.1	67.5	41.1	63.5	11.2	0.22	
1/2	2	20.6	16.0	12.7	30.2	41.4	77.0	46.0	71.0	12.7	0.34	
5/8	3-1/4	26.9	19.1	15.7	38.1	51.0	95.5	58.5	89.5	16.0	0.67	
3/4	4-3/4	31.8	22.4	20.6	46.0	60.5	115	70.0	103	20.6	1.14	
7/8	6-1/2	36.6	25.4	24.6	53.0	71.5	136	71.0	120	24.6	1.74	
1	8-1/2	42.9	28.7	25.4	60.5	81.0	151	93.5	135	25.4	2.52	
1-1/8	9-1/2	46.0	31.8	31.8	68.5	91.0	172	103	150	31.8	3.45	
1-1/4	12	51.5	35.1	35.1	76.0	100	191	115	165	35.1	4.90	
1-3/8	13-1/2	57.0	38.1	38.1	84.0	111	210	127	183	38.1	6.24	
1-1/2	17	60.5	41.4	41.4	92.0	122	230	137	196	41.1	8.39	
1-3/4	25	73.0	51.0	51.0	106	146	279	162	230	54.0	14.2	
2	35	82.5	57.0	57.0	122	172	312	184	264	60.0	21.2	
2-1/2	55	105	70.0	70.0	145	203	344	238	344	66.5	38.6	
3	85	127	82.5	82.5	165	216	429	279	419	89.0	56	

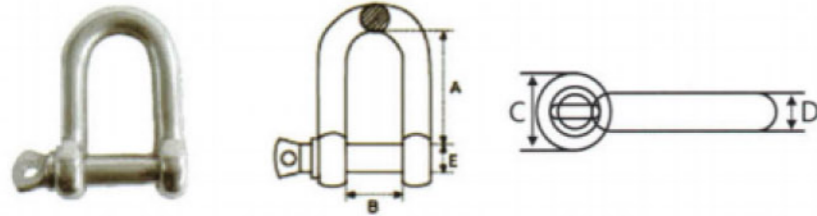
**US Type G215 Round Pin Chain Shackle**



Min-Max Chain Size (in.)	Working Load Limit(t)	Dimensions(in)											Weight Each (kg)
		A	B	C	D	E	F	G	K	N			
1/4	1/2	0.47	0.31	0.25	0.25	0.97	0.62	0.91	1.59	1.34	0.10		
5/16	3/4	0.53	0.38	0.31	0.31	1.15	0.75	1.07	1.91	1.63	0.18		
3/8	1	0.66	0.44	0.38	0.38	1.42	0.92	1.28	2.31	1.86	0.25		
7/16	1-1/2	0.75	0.50	0.44	0.44	1.63	1.06	1.48	2.67	2.13	0.40		
1/2	2	0.81	0.63	0.50	0.50	1.81	1.18	1.66	3.03	2.38	0.50		
5/8	3-1/4	1.06	0.75	0.63	0.63	2.32	1.50	2.04	3.76	2.91	1.21		
3/4	4-3/4	1.25	0.88	0.81	0.75	2.75	1.81	2.10	4.53	3.44	2.00		
7/8	6-1/2	1.44	1.00	0.97	0.88	3.20	2.10	2.86	5.33	3.81	3.28		
1	8-1/2	1.69	1.13	1.00	1.00	3.69	2.38	3.24	5.94	4.53	4.75		
1-1/8	9-1/2	1.81	1.25	1.25	1.13	4.07	2.68	3.61	6.78	5.13	6.30		
1-1/4	12	2.03	1.38	1.38	1.25	4.53	3.00	3.97	7.50	5.50	9.00		
1-3/8	13-1/2	2.25	1.50	1.50	1.38	5.01	3.31	4.43	8.28	6.13	12.00		
1-1/2	17	2.38	1.63	1.63	1.50	5.38	3.62	4.87	9.05	6.50	16.15		
1-3/4	25	2.88	2.00	2.00	1.75	6.38	4.19	5.82	10.97	7.75	29.96		
2	35	3.25	2.25	2.25	2.10	7.25	5.00	6.82	12.74	8.75	43.25		

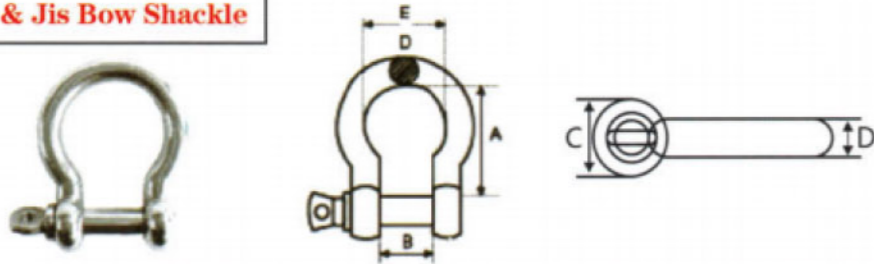


**Eu & Jis Dee Shackle**



Min-Max Chain Size (mm)	A		B		C		D		E	
	Eu	Jis	Eu	Jis	Eu	Jis	Eu	Jis	Eu	Jis
4	16	14	8	8	8	8	4	4	4	4
5	20	16	10	10	10	10	5	5	5	5
6	24	22	12	12	12	12	6	6	6	6
8	32	27	16	16	16	16	8	8	8	8
10	40	31	20	20	20	20	10	10	10	10
12	48	40	24	24	24	24	12	12	12	12
14	56	46	28	28	28	28	14	14	14	14
16	64	52	32	32	32	32	16	16	16	16
18	72	58	36	36	36	36	18	18	18	18
20	76	64	40	40	40	40	20	20	20	20
22	88	75	44	44	44	44	22	22	22	22
25	100	83	50	50	50	50	25	25	25	25
28	112	96	56	56	56	56	28	28	28	28
32	128	114	64	64	64	64	32	32	32	32
36	144	116	72	72	72	72	36	36	36	36

**Eu & Jis Bow Shackle**



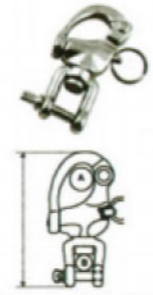
Min-Max Chain Size (mm)	A		B		C		D		E	
	Eu	Jis	Eu	Jis	Eu	Jis	Eu	Jis	Eu	Jis
4	16	16	8	8	8	8	4	4	12	14
5	20	19	10	10	10	10	5	5	15	16
6	24	25	12	12	12	12	6	6	18	20
8	32	32	16	16	16	16	8	8	24	24
10	40	38	20	20	20	20	10	10	30	28
12	48	48	24	24	24	24	12	12	36	36
14	56	50	28	28	28	28	14	14	42	38
16	64	55	32	32	32	32	16	16	48	40
18	72	62	36	36	36	36	18	18	54	43
20	76	68	40	40	40	40	20	20	60	46
22	88	82	44	44	44	44	22	22	66	56
25	100	95	50	50	50	50	25	25	75	68
28	112	108	56	56	56	56	28	28	84	74
32	128	120	64	64	64	64	32	32	96	84
36	144	135	72	72	72	72	36	36	108	92

**Swivel Snap Shackle With Eye End**



Min-Max Chain Size (mm)	Working Load Limit(t)	Dimensions(mm)		
		A	B	C
12*70	0.275	70	12	12
16*87	0.500	87	12	16
22*128	0.875	120	16	22

**Swivel Snap Shackle With Jaw**



Min-Max Chain Size (mm)	Working Load Limit(t)	Dimensions(mm)		
		A	B	L
12*70	0.275	12	12	69
16*87	0.500	12	16	90
22*128	0.875	22	22	128

**Fixde Snap Shackle**



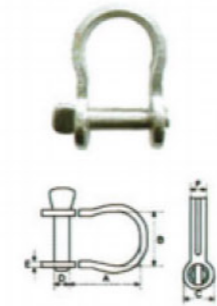
Min-Max Chain Size (mm)	Working Load Limit(t)	Dimensions(mm)		
		L	A	B
12*35	0.275	52	12	9
16*66	0.500	66	16	12
22*96	0.875	96	22	16

**Long Dee Shackle**



Min-Max Chain Size (mm)	Dimensions(mm)		
	A	B	C
4	4	8	30
5	5	10	37
6	6	12	45
8	8	16	60
10	10	20	75
12	12	24	90
14	14	28	105
16	16	32	120

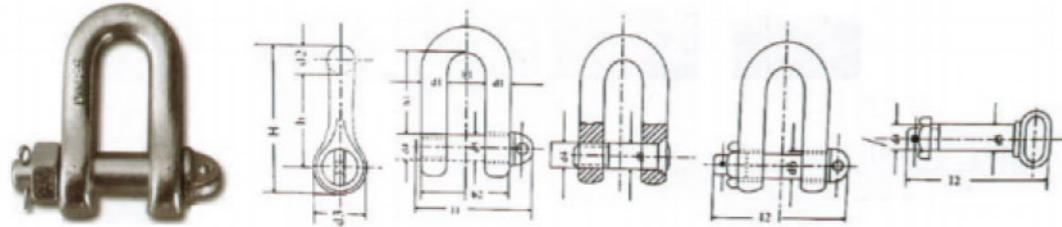
**Plate Bow Shackle**



Dimensions(mm)				
D	A	B	E	F
4	15	9.5	1.5	4.8
5	17	11	2	6.7
6	23	16	3	8
8	31	23	4	8
10	40	25	5	11.5
12	50	28.5	6	14

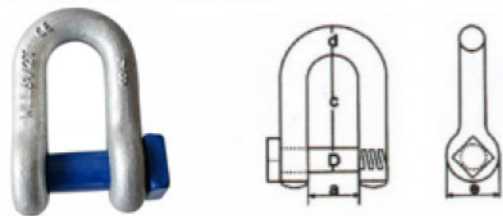


**Shackle DIN 82101**



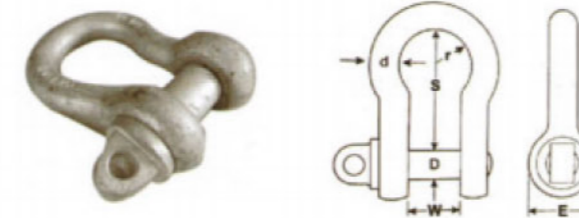
Form		Zul.bs		Dimensions(in)												
B	C	T	kN	b1	b2	d1	d2	d3	d4	d5	d6	H	H1	h	l1	l2
-	-	0.1	1	7	15	4	5	10	M5	5	5.3-0.1	28	15.5	18	24	-
-	-	0.16	1.6	8	18	5	6	12	M6	6	6.4-0.2	33	18	21	28	-
-	-	0.25	2.5	11	25	7	2	16	M8	8	8.4-0.2	44	24	28	38	-
0.4	0.4	0.4	4.0	14	21	8	10	20	M10	10	10.5-0.3	55	30	35	45	58
0.6	0.6	0.6	6.3	17	39	10	12	24	M12	12	13-0.5	66	36	42	53	66
1	1	1	10	21	49	13	15	32	M16	16	17-0.5	88	49	57	64	80
1.6	1.6	1.6	16	27	63	17	19	40	M20	20	21-0.5	110	61	71	85	100
2	2	2	20	30	70	19	21	44	M22	22	23-0.5	121	67	78	93	110
2.5	2.5	2.5	25	33	78	21	23	48	M24	24	25-0.5	132	73	85	103	122
3	3	3	31.5	33	90	24	26	54	M27	27	23-0.5	150	83.5	97	120	140
4	4	4	40	42	100	27	29	60	M30	30	31-0.5	165	91	106	130	150
5	5	5	50	47	111	30	33	72	M36	36	37-0.5	198	111	129	144	172
6	6	6	63	53	126	34	37	78	M39	39	40-0.5	215	119.5	139	160	190
8	8	8	80	60	142	38	41	90	M49	45	45-0.5	248	139.5	162	182	217
10	10	10	100	66	155	42	45	96	M48	48	50-1	264	147	171	200	235
12	12	12	125	73	173	47	50	104	M52	52	54-1	286	158	184	216	254
16	16	16	160	81	193	52	55	120	M60	60	62-1	330	185	215	245	285
20	20	20	200	90	214	58	61	136	M68	68	70-1	374	211	245	270	311
-	25	25	250	1004	226	63	67	144	M72	72	74-1	396	221	257	324	371

**Trawling Shackle**



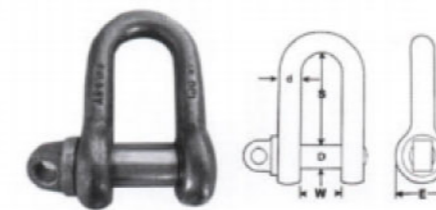
SWL Ton	Dimensions(mm)					Weight per 100 pcs
	D	d	a	c	e	
0.2	8	8	16	32	18	7
0.3	10	10	20	38	20	13.4
0.5	12	12	25	51	26	25
0.8	16	16	32	63	33	53
1.1	20	20	38	76	40	92
1.5	22	22	45	88	50	140
2	25	25	51	102	57	215
2.6	28	28	57	114	68	300
3.8	32	32	63	127	73	455
4.5	38	38	76	152	85	760

**BS 3032 Large Bow Shackle**



2 x r (inches)	D (in)	d (in)	E (in)	S (in)	W (in)	SWL (t)	Weight (kg)
3/4	3/8	1/4	3/4	11/8	1/2	0.15	0.08
1	1/2	3/8	1	15/8	15/8	0.45	0.15
1 1/4	5/8	1/2	1 1/4	2 1/8	7/8	0.75	0.3
1 5/8	3/4	5/8	1 1/2	2 3/4	1 1/8	1.25	0.6
2	7/8	3/4	1 3/4	3 3/8	1 3/8	2	1
2 1/4	1	7/8	2	3 7/8	1 5/8	2.75	1.6
2 1/2	1 1/8	1	2 1/4	4 1/4	1 3/4	3.75	2.4
2 7/8	1 1/4	1 1/8	2 1/2	4 7/4	2	4.75	3.4
3 1/4	1 3/8	1 1/4	2 3/4	5 3/8	2 1/4	5.75	4.8
3 1/2	1 1/2	1 3/8	3	6	2 1/2	7.25	6.2
3 7/8	1 3/4	1 1/2	3 1/2	6 5/8	2 3/4	8.5	9.1
4 3/8	1 7/8	1 5/8	3 3/4	7 3/8	3	9.5	10.4

**BS 3032 Large Dee Shackle**



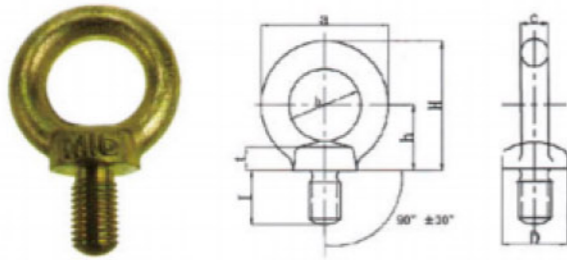
D (in)	d (in)	E (in)	S (in)	W (in)	SWL (t)	Weight (kg)
3/8	1/4	3/4	1	1/2	0.25	0.1
1/2	3/8	1	1 1/2	3/4	0.5	0.16
5/8	1/2	1 1/4	2 1/8	1 1/8	0.75	0.3
3/4	5/8	1 1/2	2 1/2	1 1/4	1.5	0.6
7/8	3/4	1 3/4	2 7/8	1 1/2	2	1
1	7/8	2	3 1/4	1 3/4	3	1.6
1 1/8	1	2 1/4	3 3/4	2	3.75	2.3
1 1/4	1 1/8	2 1/2	4 1/8	2 1/8	5	3.2
1 3/8	1 1/4	2 3/4	4 1/2	2 3/8	6	4.5
1 1/2	1 3/8	3	5	2 5/8	7	6.1
1 3/4	1 1/2	3 1/2	5 3/8	2 3/4	9.5	8.7
7/8	1 5/8	3 3/4	5 3/4	3	11.25	10



# 吊环 eye bolt

## JIS 1168 Eye Bolt

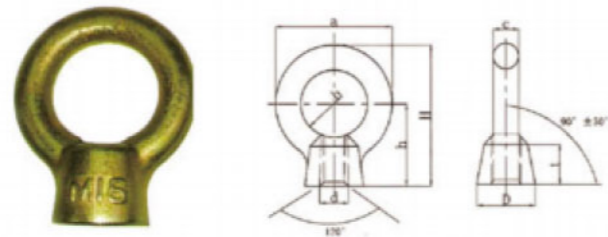
Materials: Carbon Steel/Q235  
Surface: Galv./Hot-dip Galv  
Technology: Drop Forged



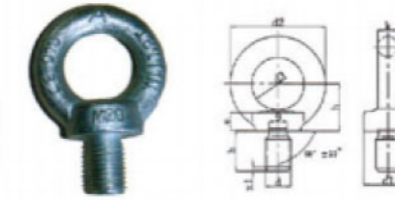
SIZE(mm)	WLL(kn)	Dimensions(mm)						
		a	b	c	d	t	h	H
M8	0.785	32.6	20	6.3	16	5	17	33.3
M10	1.47	41	25	8	20	7	21	41.5
M12	2.16	50	30	10	25	9	26	51
M16	4.14	60	35	12.5	30	11	30	60
M20	6.18	72	40	16	35	13	35	71
M24	9.32	90	50	20	45	18	45	90
M30	14.7	110	60	25	60	22	55	110
M36	22.6	113	70	31.5	70	26	65	131.5

## JIS 1169 Eye Nut

Materials: Carbon Steel/Q235  
Surface: Galv./Hot-dip Galv  
Technology: Drop Forged

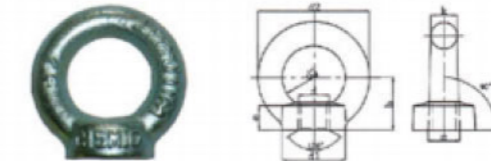


## DIN580 Eye Bolt



Size(mm)	WLL(t)	Dimensions(mm)							Weight 100 pcs(lbs)
		d1	d2	d3	b	e	h	k	
M6	0.14	17	28	16	13	6	17	6	11
M8	0.14	20	36	20	15	6	18	8	13
M10	0.23	25	45	25	18	8	22	10	24
M12	0.34	30	54	30	22	10	26	12	40
M14	0.49	35	63	35	28	12	30	14	63
M16	0.7	35	63	35	28	12	30	14	63
M20	1.2	40	72	40	30	12	35	16	99
M22	1.5	45	81	45	35	14	40	18	148
M24	1.8	50	90	50	38	16	45	20	192
M27	2.5	50	90	50	38	18	45	20	194
M30	3.6	65	108	60	45	18	55	24	366
M33	4.3	65	108	60	45	22	55	24	380
M36	5.1	75	126	70	55	22	65	28	585
M39	6.1	75	126	70	55	26	65	28	618
M42	7	85	144	80	65	30	75	32	889
M45	8	85	144	80	65	30	75	32	938
M48	8.6	100	166	90	70	35	85	38	1408
M52	9.9	100	166	90	70	35	85	38	1456
M56	11.5	110	184	100	80	38	95	42	1492
M64	16	120	206	110	90	42	100	48	2736

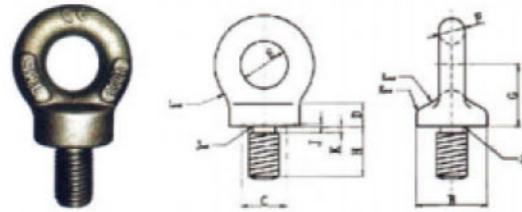
## DIN582 Eye Nut



Size(mm)	WLL(t)	Dimensions(mm)						Weight 100 pcs(lbs)
		d1	d2	d3	e	h	k	
M6	0.14	20	36	20	8.5	18	8	11
M8	0.14	20	36	20	8.5	18	8	11
M10	0.23	25	45	25	10	22	10	20
M12	0.34	30	54	30	11	26	12	35
M14	0.49	35	63	35	13	30	14	53
M16	0.7	35	63	35	13	30	14	53
M20	1.2	40	72	40	16	35	16	79
M22	1.5	45	81	45	18	40	18	128
M24	1.8	50	90	50	20	45	20	159
M27	2.5	50	90	50	20	45	20	154
M30	3.6	65	108	60	25	55	24	291
M33	4.3	65	108	60	25	55	24	287
M36	5.1	75	126	70	30	65	28	459
M39	6.1	75	126	70	30	65	28	446
M42	7	85	144	80	35	75	32	686
M45	8	85	144	80	35	75	32	671
M48	8.6	100	166	90	40	85	38	1108
M52	9.9	100	166	90	40	85	38	1092
M56	11.5	110	184	100	45	95	42	1476
M64	16	120	206	110	50	105	48	2052

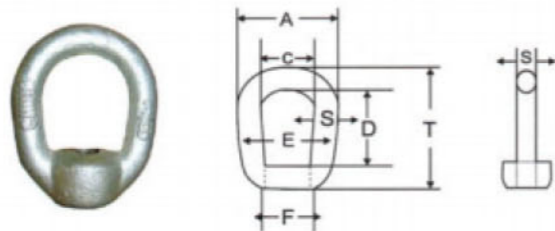


**BS4278 Eye Bolt**



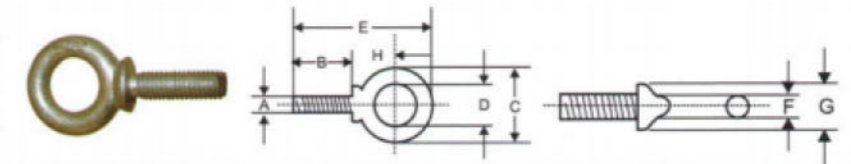
SIZE(mm)	WLL(t)	Dimensions(mm)									
		B	C	D	E	F	G	H	J	K	L
M12	0.4	22	15	7	15	9	20	18	1	3	9
M16	0.8	29	20	10	20	12	26	23	1	3	12
M18	1	36	24	12	24	14	32	28	1	4	14
M20	1.6	40	27	14	27	16	36	32	1	5	16
M22	1.6	45	30	15	30	18	40	35	1	5	18
M24	2.5	52	35	17	35	21	46	40	2	6	21
M27	2.5	58	39	20	39	23	52	46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

**G400 Eye Nut**



Std. Tap Size (in)	WLL(lbs)	Dimensions(in)								Weight Each (kg/pc)
		A	C	D	E	F	S	T		
1/4	520	1-1/4	3/4	1-1/16	1-1/32	1/2	1/4	1-11/1	0.0409	
3/8	1250	1-5/8	1	1-1/4	3/4	9/16	5/16	6	0.0818	
1/2	2250	2	1-1/4	1-1/2	1	1-3/16	3/8	2-1/16	0.1273	
5/8	3600	2-1/2	1-1/2	2	1-3/16	1	1/2	2-1/2	0.2636	
3/4	5200	3	1-3/4	2-3/8	1-3/8	1-1/8	5/8	3-3/16	0.4545	
7/8	7200	3-1/2	2	2-5/8	1-5/8	1-5/16	3/4	3-7/8	0.7727	
1	10000	4	2-1/4	3-1/16	1-7/8	1-9/16	7/8	4-5/16	1.2500	
1 1/4	15500	4-1/2	2-1/2	3-1/2	1-15/1	1-7/8	1	5	1.7500	
1 3/8	18500	5	2-3/4	3-3/4	6	2	1-1/8	5-3/4	2.2727	
1 1/2	22500	5-5/8	3-1/8	4	2	2-1/4	1-1/4	6-1/4	3.0455	
2	40000	7	4	6-1/4	2-3/8	3-3/8	1-1/2	6-3/4	8.5000	

**S279 US Type Eye Screw Bolt**



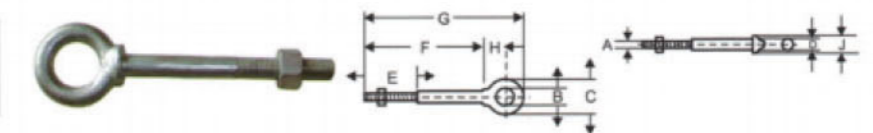
Size (in)	WLL(lbs)	Dimensions(in)								Weight Each (kg/pc)
		A	B	C	D	E	F	G	H	
1/4X1	650	0.25	1	0.88	0.5	1.94	0.19	0.47	0.5	0.023
5/16X1-1/8	1200	0.31	1.13	1.12	0.62	2.38	0.25	0.56	0.69	0.028
3/8X1-1/4	1550	0.38	1.25	1.38	0.75	2.72	0.31	0.66	0.78	0.057
1/2X1-1/2	2600	0.5	1.5	1.75	1	3.38	0.38	0.91	1	0.114
5/8X1-3/4	5200	0.63	1.75	2.25	1.25	4.19	0.5	1.12	1.31	0.227
3/4X2	7200	0.75	2	2.75	1.5	4.94	0.62	1.38	1.56	0.398
7/8X2-1/4	10600	0.88	2.25	3.25	1.75	5.72	0.75	1.56	1.84	0.715
1X2-1/2	13300	1	2.25	3.75	2	6.47	0.88	1.81	2.09	0.991
1-1/4X3	21000	1.25	3	4.5	2.5	7.72	1	2.28	2.47	1.727
1-1/2X3-1/2	24000	1.5	3.5	5.5	3	9.25	1.25	2.75	3	3.182

**G275 US Type Eye Screw Bolt**



SIZE(in)	Weight 100 pcs(lbs)	Dimensions(mm)								
		A	B	C	D	E	F	G	H	J
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	0.66
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

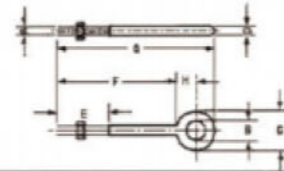
**G277 US Type Eye Screw Bolt**



Shank Diameter & Length(in)	WLL(t)	Weight Per 100 (lbs)	Dimensions(in)								
			A	B	C	D	E	F	G	H	J
1/4X2	650	6.6	0.25	0.5	0.88	0.19	1.5	2	2.94	0.5	0.47
1/4X4	650	9.1	0.25	0.5	0.88	0.19	2.5	4	4.94	0.5	0.47
5/16X2-1/4	1200	12.5	0.31	0.62	1.12	0.25	1.5	2.25	3.5	0.69	0.56
5/16X4-1/4	1200	18.8	0.31	0.62	1.12	0.25	2.5	4.25	5.5	0.69	0.56
3/8X2-1/2	1550	21.4	0.38	0.75	1.38	0.31	1.5	2.5	3.97	0.78	0.66
3/8X2-1/2	1550	25.3	0.38	0.75	1.38	0.31	2.5	4.5	5.97	0.78	0.66
1/2X3-1/4	2600	42.6	0.5	1	1.75	0.38	1.5	3.25	5.12	1	0.91
1/2X6	2600	56.8	0.5	1	1.75	0.38	3	6	7.88	1	0.91
5/8X4	5200	68.6	0.62	1.25	2.25	0.5	2	4	6.44	1.31	1.12
5/8X6	5200	102.4	0.62	1.25	2.25	0.5	3	6	8.44	1.31	1.12
3/4X4-1/2	7200	144.5	0.75	1.5	2.75	0.62	2	4.5	7.44	1.56	1.38
3/4X6	7200	167.5	0.75	1.5	2.75	0.62	3	6	8.94	1.56	1.38
7/8X5	10600	225	0.88	1.75	3.25	0.75	2.5	5	8.46	1.84	1.56
1X6	13300	366.3	1	2	3.75	0.88	3	6	9.97	2.09	1.81
1X9	13300	422.5	1	2	3.75	0.88	4	9	12.97	2.09	1.81
1-1/4X8	21000	650	1.25	2.5	4.5	1	4	8	12.72	2.47	2.28
1-1/4X12	21000	795	1.25	2.5	4.5	1	4	12	16.72	2.47	2.28
1-1/4X15	24000	1425	1.5	3	5.5	1.25	6	15	20.75	3	2.75

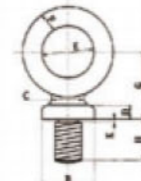


**G291 US Type Eye Screw Bolt**



Shank Diameter & Length(in)	WLL(t)	Weight Per 100 (lbs)	Dimensions(in)							
			A	B	C	D	E	F	G	H
1/4 x 2	500	8.2	0.25	0.5	1	0.25	1.5	2	3.06	0.56
1/4 x 4	500	11.7	0.25	0.5	1	0.25	2.5	4	5.06	0.56
5/16 x 2 1/4	800	13.3	0.31	0.62	1.25	0.31	1.5	2.25	3.56	0.69
5/16 x 4 1/4	800	25	0.31	0.62	1.25	0.31	2.5	4.25	5.56	0.69
3/8 x 2 1/2	1200	23.3	0.38	0.75	1.5	0.38	1.5	2.5	4.12	0.88
3/8 x 4 1/2	1200	29.5	0.38	0.75	1.5	0.38	2.5	4.5	6.12	0.88
3/8 x 6	1200	35.2	0.38	0.75	1.5	0.38	2.5	6	7.62	0.88
1/2 x 3 1/4	2200	50.3	0.5	1	2	0.5	1.5	3.25	5.38	1.12
1/2 x 6	2200	66.1	0.5	1	2	0.5	3	6	8.12	1.12
1/2 x 8	2200	82	0.5	1	2	0.5	3	8	10.12	1.12
1/2 x 10	2200	88	0.5	1	2	0.5	3	10	12.12	1.12
1/2 x 12	2200	114.2	0.5	1	2	0.5	3	12	14.12	1.12
1/2 x 15	2200	116.85	0.5	1	2	0.5	4	15	17.12	1.12
5/8 x 4	3500	103.1	0.62	1.25	2.5	0.62	2	4	6.69	1.44
5/8 x 6	3500	118.2	0.62	1.25	2.5	0.62	3	6	8.69	1.44
5/8 x 8	3500	135.1	0.62	1.25	2.5	0.62	3	8	10.69	1.44
5/8 x 10	3500	153.6	0.62	1.25	2.5	0.62	3	10	12.69	1.44
5/8 x 12	3500	167.1	0.62	1.25	2.5	0.62	4	12	14.69	1.44
5/8 x 15	3500	201.16	0.62	1.25	2.5	0.62	5	15	17.69	1.44
5/8 x 24	3500	279.1	0.62	1.25	2.5	0.62	6	24	26.69	1.44
3/4 x 4 1/2	5200	168.6	0.75	1.5	3	0.75	2	4.5	7.69	1.69
3/4 x 6	5200	184.5	0.75	1.5	3	0.75	3	6	9.19	1.69
3/4 x 8	5200	207.9	0.75	1.5	3	0.75	3	8	11.19	1.69
3/4 x 10	5200	235	0.75	1.5	3	0.75	3	10	13.19	1.69
3/4 x 12	5200	257.5	0.75	1.5	3	0.75	4	12	15.19	1.69
3/4 x 15	5200	298	0.75	1.5	3	0.75	5	15	18.19	1.69
7/8 x 5	7200	270	0.88	1.75	3.5	0.88	2.5	5	8.75	2
7/8 x 8	7200	308	0.88	1.75	3.5	0.88	4	8	11.75	2
7/8 x 12	7200	400	0.88	1.75	3.5	0.88	4	12	15.75	2
1 x 6	10000	421	1	2	4	1	3	6	10.31	2.31
1 x 9	10000	468.5	1	2	4	1	4	9	13.31	2.31
1 x 12	10000	540	1	2	4	1	4	12	16.31	2.31
1 x 18	10000	650	1	2	4	1	7	18	22.31	2.31
1 1/4 x 8	15200	750	1.25	2.5	5	1.25	4	8	13.38	2.88
1 1/4 x 12	15200	900	1.25	2.5	5	1.25	4	12	17.38	2.88
1 1/4 x 20	15200	1210	1.25	2.5	5	1.25	6	20	25.38	2.88

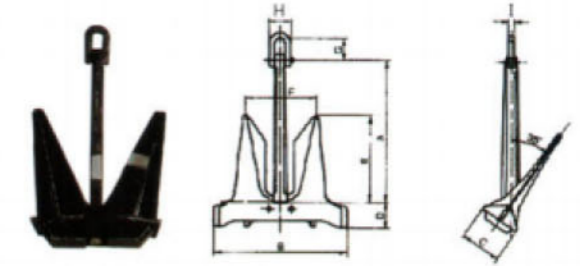
**BS-3 Type Collar Eye Bolt**



SIZE(mm)	WLL(t)	Dimensions(mm)							
		B	C	D	E	F	G	H	K
M12	0.32	17	14	5	22	9	27	18	3
M16	0.63	23	18	6	29	11	34	23	3
M20	1.25	32	25	9	40	15	47	32	5
M24	2	40	32	12	51	19	60	40	5

**A 船锚 nchor**

**High Holding Power Anchor**

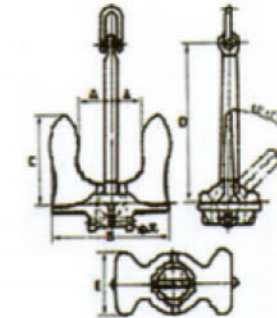


Weight of Anchor (kg)	Dimensions(in.)								
	A	B	C	D	E	F	G	H	I
180	904	811	251	157	550	434	138	135	36
225	974	874	270	169	593	468	149	145	39
340	1109	995	307	192	675	533	169	165	45
460	1227	1101	340	212	747	590	187	182	49
675	1398	1254	387	242	851	672	213	207	56
910	1540	1382	427	267	938	740	235	229	62
1140	1660	1490	460	287	1011	798	253	246	67
1360	1761	1580	488	305	1072	846	269	261	71
1590	1855	1665	514	321	1130	892	283	275	75
1820	1940	1741	538	336	1182	933	296	288	78
2040	2016	1809	559	349	1227	969	308	299	81
2270	2089	1874	579	362	1272	1004	319	310	84
2720	2218	1991	615	384	1351	1066	339	329	90
3040	2302	2066	638	399	1402	1107	351	342	93
3240	2352	2110	652	407	1432	1130	359	349	95
3445	2400	2154	665	415	1462	1154	366	356	97
3670	2451	2200	680	424	1493	1178	374	364	99
3940	2510	2252	696	434	1529	1207	383	373	101
4210	2566	2303	711	444	1563	1234	392	381	104
4500	2624	2355	727	454	1598	1261	401	389	106
4840	2688	2412	745	465	1637	1292	410	399	108
5175	2749	2467	762	476	1674	1321	420	408	111
5515	2808	2520	778	486	1710	1350	429	417	113
5850	2864	2570	794	496	1744	1376	437	425	116
6225	2923	2623	810	506	1780	1405	446	434	118
6525	2970	2665	823	514	1808	1428	453	441	120
6600	2981	2675	826	516	1815	1433	455	443	120
7015	3042	2730	843	527	1853	1462	464	452	123
7425	3100	2782	859	537	1888	1490	473	460	125
7875	3162	2837	876	547	1925	1520	483	469	128
8325	3221	2890	893	558	1961	1548	492	478	130
8775	3278	2942	909	567	1996	1576	500	487	132
9225	3333	2991	924	577	2030	1602	509	495	134
9675	3386	3039	939	586	2062	1628	517	503	137
10125	3438	3085	953	595	2094	1653	525	511	139
10575	3488	3130	967	604	2124	1677	533	518	141
10690	3501	3141	970	606	2132	1693	535	519	141
11025	3537	3174	981	612	2154	1700	540	525	143
11250	3561	3196	987	616	2169	1712	544	529	144
11550	3592	3224	996	622	2188	1727	548	533	145

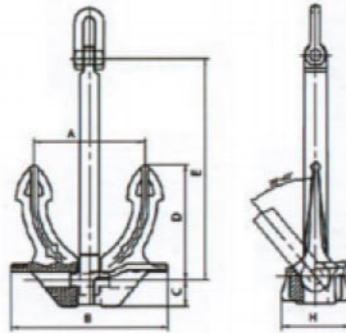


11850	3623	3251	1004	627	2206	1742	553	537	146
12075	3646	3272	1011	631	2220	1753	557	541	147
12525	3691	3312	1023	639	2248	1774	563	548	149
12675	3705	3325	1027	641	2256	1781	566	550	150
13200	3756	3370	1041	650	2287	1805	573	558	152
13350	3770	3383	1045	653	2296	1812	576	560	152
13875	3819	3426	1059	661	2326	1836	583	567	154
14100	3839	3445	1064	665	2338	1846	586	570	155
15000	3919	3517	1086	678	2387	1884	599	582	158
16125	4015	3603	1113	695	2445	1930	613	596	162
17250	4106	3685	1138	711	2501	1974	627	610	166
18375	4194	3763	1163	726	2554	2016	640	623	169
19500	4278	3839	1186	740	2605	2056	653	635	173
20625	4358	3911	1208	754	2654	2095	665	647	176
21750	4436	3980	1230	768	2701	2132	677	659	179

**Baldr Anchor**



**Hall Anchor**

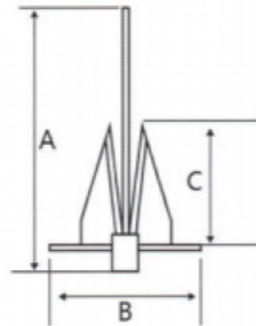


Weight(kg)	Dimensions(mm)					
	A	B	C	D	E	Φ
50	575	410	184	378	300	15
100	723	510	230	474	375	20
200	915	645	290	594	470	25
400	1150	810	360	752	595	30
600	1320	930	410	860	680	40
660	1360	955	420	887	700	40
780	1450	1030	450	948	750	45
900	1490	1053	480	970	772	50
1020	1545	1090	496	1005	800	55
1290	1670	1180	535	1089	865	60
1440	1800	1245	555	1147	895	65
1590	1890	1260	565	1181	900	65
1740	1910	1290	582	1238	945	65
1920	1930	1362	616	1262	999	70
2100	2020	1407	623	1296	1020	70
2280	2080	1445	645	1325	1045	75
2460	2120	1483	667	1367	1076	75
3060	2261	1596	720	1480	1172	80
3540	2335	1650	760	1528	1210	80
4000	2610	2000	805	1655	1270	90
4500	2710	2095	842	1727	1330	90
4890	2769	2135	866	1767	1368	100

Weight(kg)	Dimensions(mm)				
	A	B	C	D	E
50	82	312	236	420	165
75	95	358	270	482	190
100	102	360	305	505	208
150	120	450	340	606	237
200	128	460	366	604	249
250	145	510	410	680	278
300	155	560	442	730	300
400	170	604	482	800	328
500	195	710	530	900	360
625	195	725	545	900	380
750	205	770	584	965	415
1000	235	854	640	1068	456
1200	250	900	710	1170	470
1500	265	1000	748	1232	508
1720	298	1054	844	1320	533
2000	320	1157	864	1460	625
2200	320	1157	868	1473	591
2500	320	1157	868	1473	591
3000	326	1210	912	1504	620
3500	326	1210	997	1626	699
4000	350	1300	1054	1740	718
5000	375	1400	1130	1804	768
6000	456	1600	1194	2016	870
7000	456	1660	1225	2083	870
8000	463	1683	1241	2375	870
10000	490	1810	1470	2438	1000
11000	500	1900	1413	2408	1016
11500	500	1900	1413	2408	1016
12500	525	1920	1435	2424	1016
15200	600	2150	1600	2616	1090
17200	600	2215	1670	2795	1200
20000	676	2490	1866	3080	1268
22000	676	2490	1866	3080	1295
25000	711	2616	1969	3048	1365
30000	759	2794	2096	3251	1454
35000	800	2946	2210	3429	1524



**Danforth Anchor**



Weight(kg)	Dimensions(mm)		
	A	B	C
1.5	415	300	215
2.5	510	370	230
4.5	570	430	285
7	645	460	320
10	700	500	410
14	860	630	520
20	1025	670	560
30	1160	690	595

**Type A Folding Anchor**



Size(N.W.) (kg)	Art. No.	Size(N.W.) (Kg)
1.5	HYR11-0206	8
2.5	HYR11-0207	10
3.2	HYR11-0208	12
4	HYR11-0209	15

**Type B Folding Anchor**



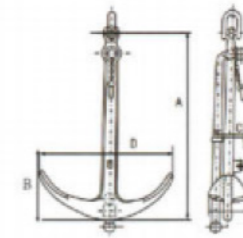
Size(Lbs.)	Weight(kgs)
1.5	0.7
3	1.4
5	2.3
7	3.5
12	5.5

**Type C Folding Anchor**



Size(kg)	1.7	2.1	2.5	2.8	3.7	4	6	6.3	8	9.1
PCS/Packages	20	15	15	10	10	8	6	5	4	3

**Stock Anchor**



Weight(kg)	Dimensions(mm)				
	A	B	C	D	E
50	960	230	42	635	185
75	1105	266	45	710	210
100	1215	293	49	780	230
125	1310	316	52	840	245
150	1395	336	55	900	265
200	1535	370	61	990	290
250	1650	398	65	1065	310
300	1755	423	70	1105	330
400	1930	465	77	1240	365
500	2080	502	84	1335	390
600	2210	533	89	1440	415
700	2330	560	93	1500	440
800	2435	587	97	1570	460
900	2530	610	101	1630	475
1000	2620	633	104	1680	495
1250	2825	680	112	1810	535
1500	3000	725	118	1955	565
2000	3300	797	131	2140	625
2500	3550	857	138	2270	672
3000	3780	912	150	2415	715
3500	3980	960	158	2540	750
4000	4160	1000	155	2650	785
5000	4480	1100	184	2830	800
6000	4740	1113	190	3000	938
7000	5025	1180	200	3165	960
8000	4760	1280	210	3300	980
9000	5450	1330	220	3440	990
10000	5680	1340	230	3600	1085

**Plough Anchor**



Weight(kg)	L(mm)
PA7	7
PA9	9
PA12	12
PA16	16
PA24	24

**Bruce Anchor**

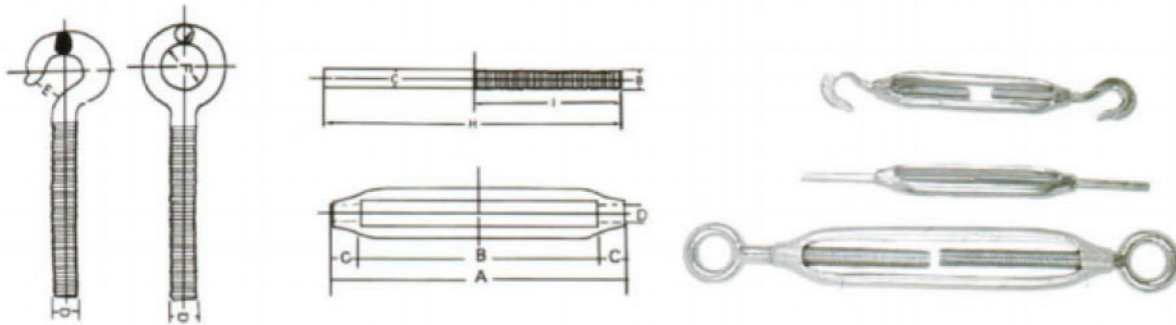


Weight(kg)	6	10	16



# T 花兰 Turnbuckle

## JIS Frame Type Turnbuckle (Forged Steel)



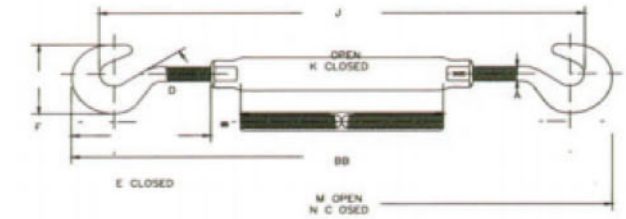
Nomina Size (mm)	Body Only					Eye and Eye			Hook&Eye		Hook&Hook			With Stubs			
	A	B	C	T.L	W/Pce	F	T.L	W/Pce	T.L	W/Pce	E	T.L	W/Pce	H	I(A/2)	G	W/Pce
6	100	78	11	1	0.08	10	0.1	0.116	0.04	0.114	9	0.04	0.112	80	50	5.3	0.112
8	125	100	12.5	1.2	0.15	12	0.2	0.22	0.08	0.218	9	0.08	0.215	100	63	6.9	0.22
9	150	120	12.5	1.5	0.17	16	0.5	0.295	0.15	0.293	11	0.15	0.29	130	75	8.3	0.273
12	200	164	18	2	0.29	20	2	0.6	0.35	0.585	16	0.35	0.57	150	100	11.2	0.51
16	250	202	21.5	3	0.52	22	3	1.07	0.7	1.05	19	0.7	1.03	180	125	14.2	0.95
19	300	250	25	4	0.85	28	4	1.79	1	1.78	20	1	1.77	220	150	17	1.62
22	325	269	28	5	1.17	33	5	2.55	1.5	2.58	21	1.5	2.6	250	165	20.3	2.34
25	350	285	32.5	6	1.69	35	6	3.8	2	3.77	26	2	3.73	270	175	23.3	3.27
32	400	310	45	8	3.51	36x70	10	7.6	3	7.52	34	3	7.44	300	200	29	6.52

## Commercial Type Turnbuckle (Malleable Iron)



SWL (kg)	Weight Each (kg.)	Dimensions(mm.)								
		A	D	E	F	J	K	N	BB	
100	0.16	6x100	145	215	12	10	6	6	100	
200	0.24	8x125	185	280	14	12	8	8	125	
300	0.39	10x150	210	325	16	14	9	9	150	
500	0.64	12x200	275	430	19	18	11	11	200	
1000	1.44	16x250	345	540	23	24	14	14	250	
1500	2.45	20x300	425	670	28	26	18	18	300	
2200	3.6	22x320	480	740	34	32	20	20	325	
3000	5	24x350	555	830	36	36	21	21	350	

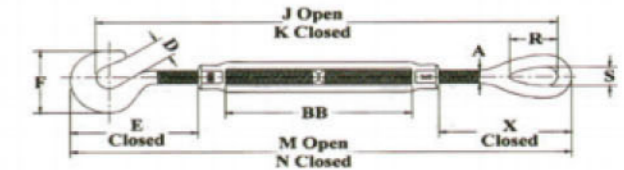
## US Type HG-223 Hook & Hook Turnbuckle



\* Mechanical Galvanized

Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)								
			A	D	E	F	J	K	M	N	BB
*6.35 x 102	0.18	0.15	6.35	11.2	42.3	32.3	249	187	310	208	103
*7.94 x 114	0.32	0.24	7.94	12.7	50.7	38.1	294	218	358	243	116
*9.53 x 152	0.45	0.38	9.53	14.2	57.8	44.7	387	270	453	301	155
12.7 x 152	0.68	0.85	12.7	16.5	89.7	57.9	457	335	527	375	153
12.7 x 305	0.68	1.26	12.7	16.5	89.2	57.9	769	495	839	535	314
15.9 x 305	1.02	1.46	15.9	22.9	108	71.4	495	368	572	419	153
15.9 x 305	1.02	2.08	15.9	22.9	107	71.4	809	529	885	580	315
19.1 x 152	1.36	1.91	19.1	24.9	129	84.6	538	406	620	467	156
19.1 x 305	1.36	3.14	19.1	24.9	128	84.6	853	568	935	630	320
19.1 x 457	1.36	3.92	19.1	24.9	129	84.6	1158	721	1240	782	471
22.2 x 305	1.81	4.47	22.2	28.7	148	96.0	886	597	972	667	309
25.4 x 305	2.27	6.70	25.4	31.8	167	108	929	637	1019	714	309

## US Type HG-225 Hook & Eye Turnbuckle

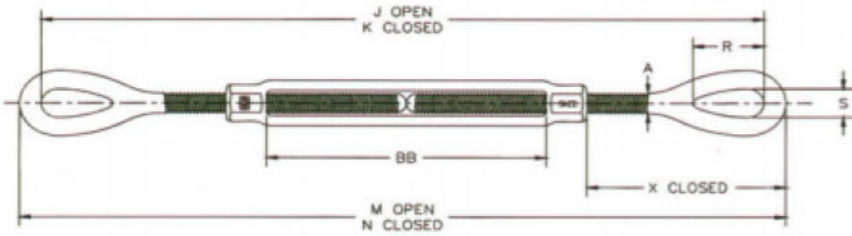


\* Mechanical Galvanized

Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)											
			A	D	E	F	J	K	M	N	R	S	X	BB
*6.35 x 102	0.18	0.14	6.35	11.2	42.3	32.3	296	195	312	211	20.6	8.64	44.6	103
*7.94 x 114	0.32	0.23	7.94	12.7	50.7	38.1	343	229	363	248	24.1	11.2	55.8	116
*9.53 x 152	0.45	0.36	9.53	14.2	57.8	44.7	434	282	458	306	28.7	13.5	62.9	155
12.7 x 152	0.68	0.82	12.7	16.5	89.7	57.9	497	345	528	376	35.8	18.0	90.4	153
12.7 x 305	0.68	1.22	12.7	16.5	89.2	57.9	809	504	840	535	35.8	18.0	89.9	314
15.9 x 152	1.02	1.35	15.9	22.9	108	71.4	536	384	574	422	45.7	22.4	110	153
15.9 x 305	1.02	1.97	15.9	22.9	107	71.4	850	545	888	583	45.7	22.4	110	315
19.1 x 152	1.36	1.91	19.1	24.9	129	84.6	574	422	621	469	53.1	25.4	130	156
19.1 x 305	1.36	2.96	19.1	24.9	128	84.6	889	584	936	631	53.1	25.4	129	320
19.1 x 457	1.36	3.74	19.1	24.9	129	84.6	1194	737	1241	784	53.1	25.4	130	471
22.2 x 305	1.81	4.24	22.2	28.7	148	96.0	917	612	971	666	60.5	31.8	147	309
25.4 x 305	2.27	6.29	25.4	31.8	167	108	956	652	1018	713	76.2	36.3	165	309



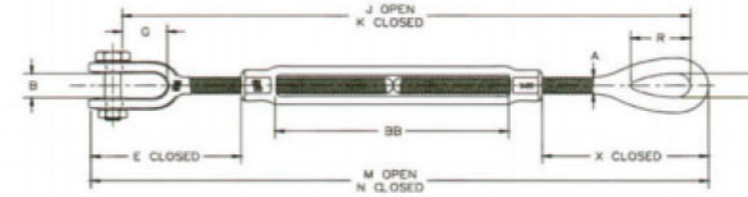
**US Type HG-226 Eye & Eye Turnbuckle**



\* Mechanical Galvanized

Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)								
			A	J	K	M	N	R	S	X	BB
*6.35 x 102	0.23	0.13	6.35	303	202	314	213	20.6	8.64	44.6	103
*7.94 x 114	0.36	0.22	7.94	354	239	368	253	24.1	11.2	55.8	116
*9.53 x 152	0.54	0.34	9.53	446	294	463	311	28.7	13.5	62.9	155
12.7 x 152	1.00	0.78	12.7	506	354	529	376	35.8	18.0	90.4	153
12.7 x 305	1.00	1.19	12.7	819	514	841	536	35.8	18.0	89.9	314
15.9 x 152	1.59	1.25	15.9	552	399	577	425	45.7	22.4	110	153
15.9 x 305	1.59	1.87	15.9	865	560	891	586	45.7	22.4	110	315
19.1 x 152	2.36	1.91	19.1	590	438	622	470	53.1	25.4	130	156
19.1 x 305	2.36	2.78	19.1	905	600	937	632	53.1	25.4	129	320
19.1 x 457	2.36	3.55	19.1	1210	753	1242	785	53.1	25.4	130	471
22.2 x 305	3.27	4.01	22.2	932	627	970	665	60.5	31.8	147	309
22.2 x 457	3.27	5.22	22.2	1249	792	1287	830	60.5	31.8	147	473
25.4 x 152	4.54	4.36	25.4	666	514	711	559	76.2	36.3	165	157
25.4 x 305	4.54	5.88	25.4	971	666	1016	711	76.2	36.3	165	309
25.4 x 457	4.54	7.40	25.4	1276	819	1321	864	76.2	36.3	165	462
25.4 x 610	4.54	9.14	25.4	1596	987	1641	1031	76.2	36.3	164	631
31.8 x 305	6.89	9.01	31.8	1070	766	1127	822	91.2	46.2	216	306
31.8 x 457	6.89	10.8	31.8	1375	918	1432	975	91.2	46.2	216	459
31.8 x 610	6.89	12.6	31.8	1694	1085	1751	1141	91.2	46.2	216	625
38.1 x 305	9.71	13.0	38.1	1124	819	1187	882	104	53.8	240	313
38.1 x 457	9.71	15.4	38.1	1428	971	1492	1035	104	53.8	240	465
38.1 x 610	9.71	17.9	38.1	1749	1139	1813	1203	104	53.8	240	633
44.5 x 457	12.7	23.0	44.5	1457	1000	1534	1076	118	60.5	253	467
44.5 x 610	12.7	26.4	44.5	1762	1153	1838	1229	118	60.5	253	619
51.0 x 610	16.8	37.9	50.8	1922	1313	2011	1402	148	68.3	331	622
63.5 x 610	27.2	67.4	63.5	2011	1402	2113	1503	165	79.2	350	625
70.0 x 610	34.0	79.1	69.9	2066	1456	2180	1571	178	82.6	383	626

**US Type HG-227 Jaw & Eye Turnbuckle**

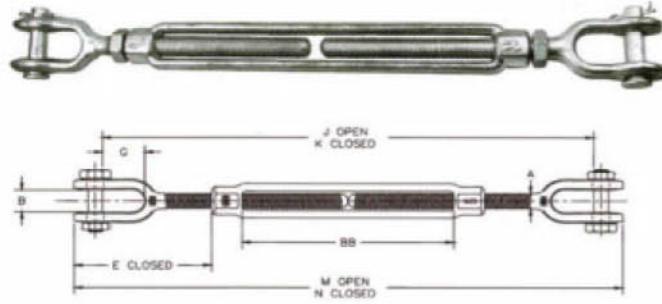


\* Mechanical Galvanized

Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)											
			A	B	E	G	J	K	M	N	R	S	X	BB
*6.35 x 102	0.23	0.15	6.35	11.4	42.0	16.1	294	192	312	210	20.6	8.64	44.6	103
*7.94 x 114	0.36	0.24	7.94	12.7	51.2	22.0	343	228	363	249	24.1	11.2	55.8	116
*9.53 x 152	0.54	0.36	9.53	13.5	53.5	21.5	429	277	454	301	28.7	13.5	62.9	155
12.7 x 152	1.00	0.80	12.7	16.3	81.8	27.1	490	338	520	368	35.8	18.0	90.4	153
12.7 x 229	1.00	1.02	12.7	16.3	81.3	27.1	650	421	680	451	35.8	18.0	89.9	238
12.7 x 305	1.00	1.21	12.7	16.3	81.3	27.1	802	497	832	528	35.8	18.0	89.9	314
15.9 x 152	1.59	1.35	15.9	20.1	99.1	33.5	527	374	566	413	45.7	22.4	110	153
15.9 x 229	1.59	1.69	15.9	20.1	98.8	33.5	688	459	727	498	45.7	22.4	110	239
15.9 x 305	1.59	1.97	15.9	20.1	98.8	33.5	840	535	879	574	45.7	22.4	110	315
19.1 x 152	2.36	2.05	19.1	24.6	120	38.5	563	411	612	459	53.1	25.4	130	156
19.1 x 229	2.36	2.52	19.1	24.6	119	38.5	726	497	774	546	53.1	25.4	129	244
19.1 x 305	2.36	2.91	19.1	24.6	119	38.5	878	573	927	622	53.1	25.4	129	320
19.1 x 457	2.36	3.69	19.1	24.6	120	38.5	1183	726	1232	774	53.1	25.4	130	471
22.2 x 305	3.27	4.13	22.2	29.5	140	44.8	906	601	963	658	60.5	31.8	147	309
22.2 x 457	3.27	5.28	22.2	29.5	140	44.8	1223	766	1280	822	60.5	31.8	147	473
25.4 x 152	4.54	4.55	25.4	34.0	155	52.1	636	483	701	548	76.2	36.3	165	157
25.4 x 305	4.54	6.06	25.4	34.0	155	52.1	941	636	1006	701	76.2	36.3	165	309
25.4 x 457	4.54	7.58	25.4	34.0	155	52.1	1245	788	1310	853	76.2	36.3	165	462
25.4 x 610	4.54	9.33	25.4	34.0	154	52.1	1565	956	1630	1021	76.2	36.3	164	631
31.8 x 305	6.89	9.48	31.8	46.7	205	71.5	1035	730	1117	812	91.2	46.2	216	306
31.8 x 457	6.89	11.3	31.8	46.7	205	71.5	1340	883	1422	965	91.2	46.2	216	459
31.8 x 610	6.89	13.1	31.8	46.7	205	71.5	1659	1050	1741	1131	91.2	46.2	216	625
38.1 x 305	9.71	13.9	38.1	52.3	227	71.4	1080	775	1174	869	104	53.8	240	313
38.1 x 457	9.71	16.3	38.1	52.3	227	71.4	1384	927	1479	1021	104	53.8	240	465
38.1 x 610	9.71	18.8	38.1	52.3	227	71.4	1705	1095	1799	1189	104	53.8	240	633
44.5 x 457	12.7	23.6	44.5	66.0	238	85.0	1406	949	1518	1061	118	60.5	253	467
44.5 x 610	12.7	27.1	44.5	66.0	238	85.0	1711	1101	1823	1213	118	60.5	253	619
51.0 x 610	16.8	40.8	50.8	66.5	300	95.0	1846	1236	1980	1370	148	68.3	331	622
63.5 x 610	27.2	71.7	63.5	77.7	337	113	1932	1323	2100	1490	165	79.2	350	625
70.0 x 610	34.0	84.6	69.9	93.7	379	106	1982	1373	2176	1566	178	82.6	383	626



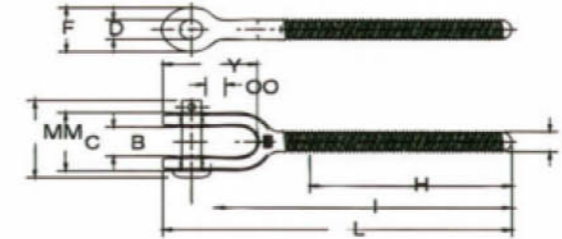
**US Type HG-228 Jaw & Jaw Turnbuckle**



\* Mechanical Galvanized

Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)								
			A	B	E	G	J	K	M	N	BB
*6.35 x 102	0.23	0.17	6.35	11.4	42.0	16.1	284	183	309	208	103
*7.94 x 114	0.36	0.25	7.94	12.7	51.2	22.0	332	218	359	244	116
*9.53 x 152	0.54	0.39	9.53	13.5	53.5	21.5	413	260	445	292	155
12.7 x 152	1.00	0.83	12.7	16.3	81.8	27.1	474	321	512	359	153
12.7 x 229	1.00	1.04	12.7	16.3	81.3	27.1	633	405	671	443	238
12.7 x 305	1.00	1.23	12.7	16.3	81.3	27.1	786	481	824	519	314
15.9 x 152	1.59	1.46	15.9	20.1	99.1	33.5	501	349	554	402	153
15.9 x 229	1.59	1.79	15.9	20.1	98.8	33.5	662	434	715	487	239
15.9 x 305	1.59	2.08	15.9	20.1	98.8	33.5	815	510	868	563	315
19.1 x 152	2.36	2.18	19.1	24.6	120	38.5	536	383	601	449	156
19.1 x 229	2.36	2.65	19.1	24.6	119	38.5	698	470	764	535	244
19.1 x 305	2.36	3.05	19.1	24.6	119	38.5	851	546	916	612	320
19.1 x 457	2.36	3.83	19.1	24.6	120	38.5	1155	698	1221	764	471
22.2 x 305	3.27	4.25	22.2	29.5	140	44.8	880	575	956	651	309
22.2 x 457	3.27	5.34	22.2	29.5	140	44.8	1197	740	1272	815	473
25.4 x 152	4.54	4.74	25.4	34.0	155	52.1	605	453	690	538	157
25.4 x 305	4.54	6.25	25.4	34.0	155	52.1	910	605	995	690	309
25.4 x 457	4.54	7.77	25.4	34.0	155	52.1	1215	757	1300	843	462
25.4 x 610	4.54	9.51	25.4	34.0	154	52.1	1535	925	1620	1010	631
31.8 x 305	6.89	9.94	31.8	46.7	205	71.5	1000	695	1107	802	306
31.8 x 457	6.89	11.7	31.8	46.7	205	71.5	1305	848	1412	955	459
31.8 x 610	6.89	13.5	31.8	46.7	205	71.5	1624	1014	1731	1121	625
38.1 x 305	9.71	14.8	38.1	52.3	227	71.4	1035	731	1160	855	313
38.1 x 457	9.71	17.2	38.1	52.3	227	71.4	1340	883	1465	1008	465
38.1 x 610	9.71	19.7	38.1	52.3	227	71.4	1661	1051	1786	1176	633
44.5 x 457	12.7	24.3	44.5	66.0	238	85.0	1355	898	1503	1045	467
44.5 x 610	12.7	27.7	44.5	66.0	238	85.0	1660	1050	1807	1198	619
51.0 x 610	16.8	43.7	50.8	66.5	300	95.0	1769	1159	1949	1339	622
63.5 x 610	27.2	75.9	63.5	77.7	337	113	1853	1244	2087	1478	625
70.0 x 610	34.0	90.1	69.9	93.7	379	106	1899	1289	2172	1562	626

**US Type HG-4037 Jaw End Fitting**



\* Mechanical Galvanized

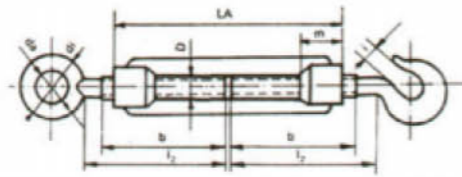
Thread Diameter & Take Up (mm.)	WLL(t)	Weight Each (kg.)	Dimensions(mm.)											
			A	B	C	D	F	H	I	L	Y	MM	OO	
*6.35 x 102	0.23	0.05	6.35	11.4	23.1	7.62	16.0	65.8	94.5	104	28.7	35.8	6.35	
*7.94 x 114	0.36	0.08	7.94	12.7	25.9	7.62	17.5	76.2	112	122	35.3	35.8	6.35	
*9.53 x 152	0.54	0.13	9.53	13.5	29.2	9.14	20.6	98.6	134	146	37.3	40.1	7.87	
12.7 x 152	1.00	0.25	12.7	16.3	34.5	10.7	25.4	106	165	180	46.0	47.5	9.40	
12.7 x 229	1.00	0.29	12.7	16.3	34.5	10.7	25.4	145	203	218	46.0	47.5	9.40	
12.7 x 305	1.00	0.33	12.7	16.3	34.5	10.7	25.4	183	242	256	46.0	47.5	9.40	
15.9 x 152	1.59	0.48	15.9	20.1	44.5	14.0	33.3	109	181	201	59.9	62.0	12.7	
15.9 x 229	1.59	0.54	15.9	20.1	44.5	14.0	33.3	148	219	239	59.9	62.0	12.7	
15.9 x 305	1.59	0.59	15.9	20.1	44.5	14.0	33.3	186	257	277	59.9	62.0	12.7	
19.1 x 152	2.36	0.75	19.1	24.6	53.1	17.5	41.4	116	200	225	71.4	65.0	16.0	
19.1 x 229	2.36	0.83	19.1	24.6	53.1	17.5	41.4	154	238	263	71.4	65.0	16.0	
19.1 x 305	2.36	0.92	19.1	24.6	53.1	17.5	41.4	192	276	301	71.4	65.0	16.0	
19.1 x 457	2.36	1.09	19.1	24.6	53.1	17.5	41.4	268	352	377	71.4	65.0	16.0	
22.2 x 305	3.27	1.31	22.2	29.5	65.0	20.6	47.8	198	297	325	82.6	78.5	19.1	
22.2 x 457	3.27	1.47	22.2	29.5	65.0	20.6	47.8	275	373	402	82.6	78.5	19.1	
25.4 x 152	4.54	1.61	25.4	34.0	70.1	23.9	53.8	129	237	269	94.7	87.4	22.4	
25.4 x 305	4.54	1.91	25.4	34.0	70.1	23.9	53.8	205	314	345	94.7	87.4	22.4	
25.4 x 457	4.54	2.22	25.4	34.0	70.1	23.9	53.8	281	390	421	94.7	87.4	22.4	
25.4 x 610	4.54	2.52	25.4	34.0	70.1	23.9	53.8	357	466	498	94.7	87.4	22.4	
31.8 x 305	6.89	3.67	31.8	46.7	94.5	30.2	66.8	213	362	401	125	115	28.7	
31.8 x 457	6.89	4.15	31.8	46.7	94.5	30.2	66.8	289	438	477	125	115	28.7	
31.8 x 610	6.89	4.62	31.8	46.7	94.5	30.2	66.8	365	514	553	125	115	28.7	
38.1 x 305	9.71	5.57	38.1	52.3	106	37.3	79.2	222	383	428	134	130	35.1	
38.1 x 457	9.71	6.26	38.1	52.3	106	37.3	79.2	298	459	504	134	130	35.1	
38.1 x 610	9.71	6.94	38.1	52.3	106	37.3	79.2	375	535	580	134	130	35.1	
44.5 x 457	12.7	8.57	44.5	66.0	118	43.7	88.9	309	470	523	159	152	41.4	
44.5 x 610	12.7	9.50	44.5	66.0	118	43.7	88.9	385	546	599	159	152	41.4	
51.0 x 610	16.8	16.0	50.8	66.5	142	53.1	106	396	605	670	185	175	50.8	
63.5 x 610	27.2	25.3	63.5	77.7	148	60.5	143	437	650	739	230	191	57.2	
70.0 x 610	34.0	32.8	69.9	93.7	167	73.2	155	441	679	781	243	213	69.9	





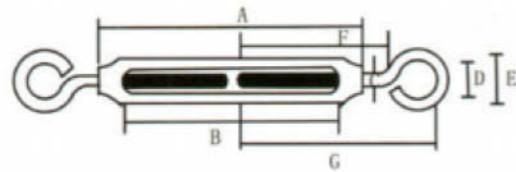


### DIN1480 Turnbuckle



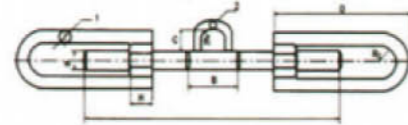
Dimension D mm(inch)	Permissible Load		Weight Kg/100pcs	Dimensions(mm.)						
	kg	N		LA	m	l2	b	dl	da	l
M6	230	2250	7.8	110	10	60	53	10	20	4.5
M8	418	4100	14.8	110	14	60	55	12	26	6.5
M10	663	6500	29.4	125	20	65	60	14	30.5	8
M12	948	9300	36.3	125	21	75	70	18	37.5	10.5
M16	1804	17700	91	170	27	100	90	22	48	13
M20	2752	27000	156	200	34	115	100	25	51	20
M24	3996	39200	325	255	39	140	130	28	66	27
M30	6371	62500	415	255	45	145	130	35	83	31
1 1/4	6585	64600	595	295	55	160	150	36.5	88	33
M36	9276	91000	745	295	55	160	150	44	104	40
1 1/2	9572	93900	1076	330	63	185	170	42	104	39

### Korean type turnbuckle (Malleable)



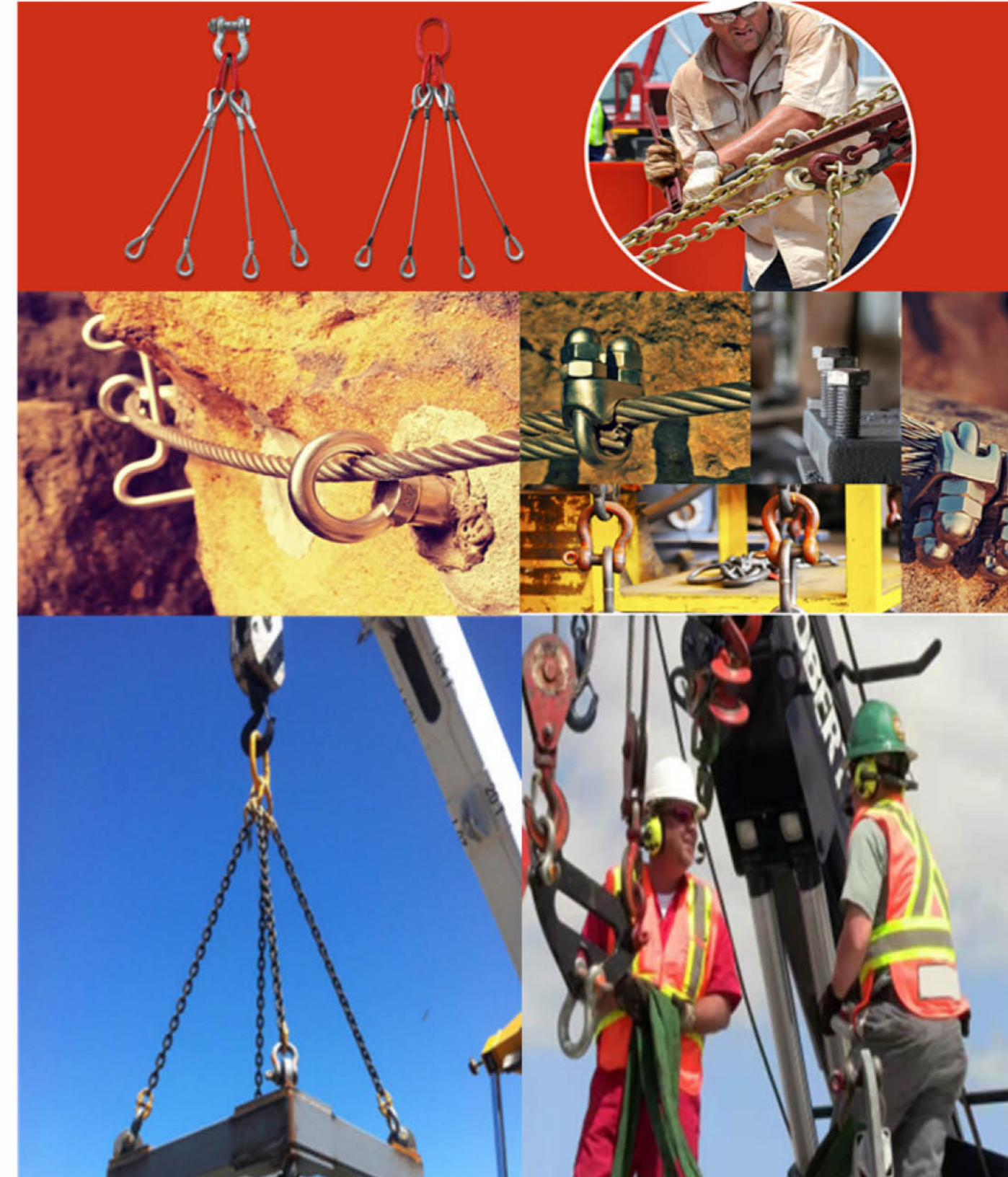
SIZE(in)	Weight Per 100pcs (Kg)	Dimensions(mm.)						
		A	B	C	D	E	F	G
3/16	57.4	41.2	41.5	18.4	15	36	54.6	30
5/16	90	70	8	11	22	65	95	145
3/8	160	130	9	17	30	85	130	345
1/2	190	155	10	20	30	95	150	560
1/2(LONG)	255	215	10	30	35	140	190	790
5/8	250	200	15	25	45	130	190	1120
5/8(LONG)	350	300	15	30	45	180	240	1540
3/4	250	200	20	35	45	140	210	1670
3/4(LONG)	300	245	20	40	55	170	240	2050

### Dee-Dee Turnbuckle



Breaking load (T)	Remark	Dimensions(mm.)										
		M	A	B	C	D	H	1	2	R1	R2	
13 (18)	The figures in brackets are adjustable	24	400	75	35	210	22	16	12	15	20	
13 (18)		24	500	75	35	260	22	16	12	15	20	
20 (25)		27	400	75	35	210	33	20	12	17.5	21.5	
20		27	500	75	35	260	33	20	12	17.5	21.5	
25		30	400	75	35	210	-	-	12	17.5	25.5	
25		30	500	75	35	260	45	22	12	17.5	25.5	
30		38	480	80	35	255	40	25	12	20	28	
-					80	35	-	-	-	-	-	-

## Application for Rigging Hardware





# 不锈钢系列 ST.ST. ITEMS





# 登山扣系列 Carabiner Belt Hook



# 滑轮系列 Pulleys

