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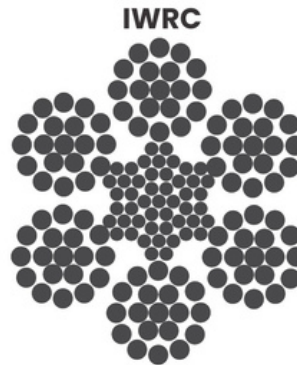
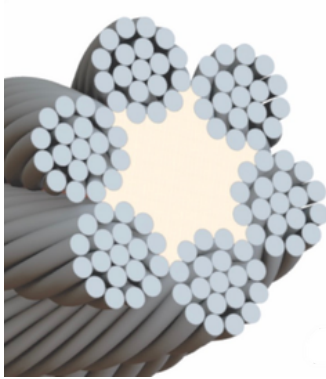
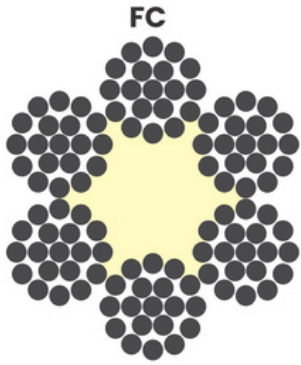


RIGGING SOLUTIONS

6x19M(12/6-1) - FC/IWRC

Applications

- General
- Fishing
- Slings



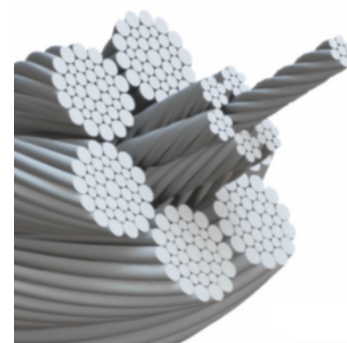
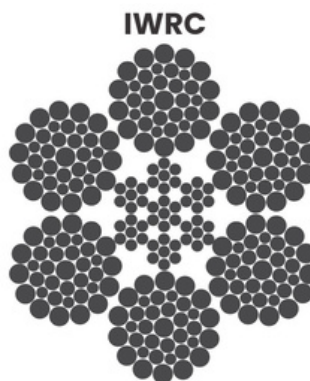
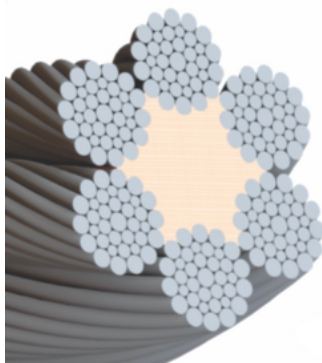
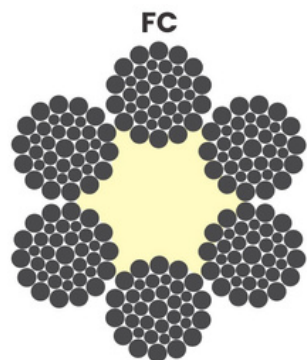
6X19M+FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	12.3	19.6	21.7
8	22.8	34.8	38.5
10	35.7	54.3	60.2
12	50.1	78.2	86.6
14	68.6	107	118
16	88.2	139	154
18	112	176	195
19	126	196	217
20	139	217	241
22	168	263	291
24	205	313	347
25	219	340	376
26	236	367	407
28	274	426	472
30	321	489	542
32	358	556	616
34	404	628	696
36	454	704	780
38	506	785	869
40	561	869	963

6X19M+IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	14.4	21	23
8	25.6	38	42
10	41.6	59	65
12	56.3	85	94
14	76.7	115	128
16	98.8	150	167
18	125	190	211
19	141	212	235
20	155	235	260
22	188	284	315
24	229	338	375
25	245	367	407
26	272	397	440
28	306	461	510
30	351	529	585
32	410	602	666
34	451	679	752
36	506	761	843
38	564	848	939
40	627	940	1041

6x36WS(14-7+7-7-1) + FC/IWRC

Applications

- General
- Crane
- Mining



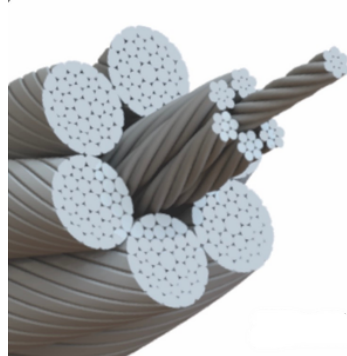
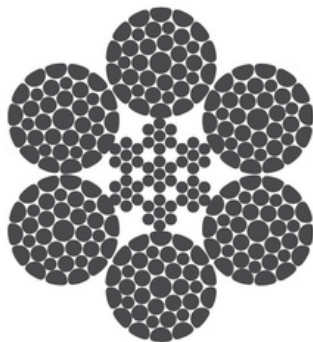
6x36WS+FC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	23.7	37	41	45
9	30.5	47	52	57
10	37.1	58	65	72
11	45.2	71	78	86
12	53.2	84	93	102
13	62.7	99	109	120
14	72.5	114	127	140
16	95.2	149	166	183
18	123	189	209	230
19	135	211	233	257
20	146	234	259	285
22	182	283	313	345
24	216	336	372	410
26	253	395	437	482
28	297	458	507	559
30	338	525	582	641
32	383	598	662	730
34	433	675	747	823
36	484	757	838	924
38	540	843	934	1029
40	603	934	1035	1141
44	728	1130	1252	1380
46	802	1235	1368	1508
48	868	1345	1490	1642
52	1017	1579	1748	1926
56	1181	1831	2028	2235
60	1357	2102	2328	2566

6x36WS+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	26.4	40	45	49
9	33.9	51	57	62
10	41.3	63	70	77
11	50.3	76	84	93
12	59.3	91	100	111
13	69.8	106	118	130
14	81	124	137	151
16	106	161	179	197
18	136	204	226	249
19	150	227	252	278
20	163	252	279	308
22	202	305	338	372
24	240	363	402	443
26	280	426	472	520
28	328	494	547	603
30	375	567	628	692
32	425	645	715	787
34	480	728	807	889
36	536	817	904	997
38	598	910	1008	1110
40	666	1008	1116	1230
44	807	1220	1351	1489
46	889	1333	1476	1627
48	962	1452	1608	1772
52	1127	1704	1887	2079
56	1308	1976	2188	2411
60	1496	2268	2512	2768
64	1701	2438	2700	2975
68	1922	2753	3048	3359
70	2026	2917	3230	3559
72	2141	3086	3417	3766
76	2403	3439	3807	4196

6x36WS(14-7+7-7-1) - K+IWRC

Applications

- Crane

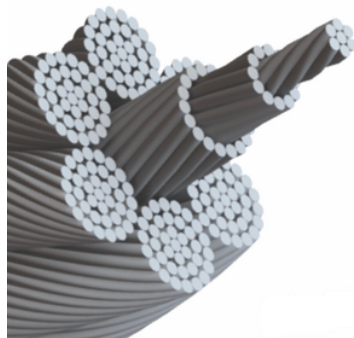
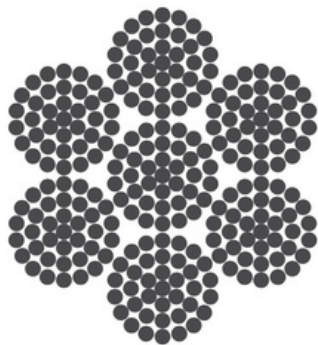


6x36WS+IWRC-Compacted		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
10	45	70	78
11	55	87	96
13	76	117	130
14	88	137	152
16	115	179	198
18	145	228	252
19	162	253	280
20	183	286	317
22	218	339	375
24	258	398	441
25.4	292	453	502
28	356	550	608
30	406	632	700
32	462	722	800
34	519	808	895
36	583	906	1003
38	651	1011	1120
40	719	1130	1250
42	791	1237	1370
46	949	1490	1650
48	1036	1625	1800
50	1118	1761	1930
52	1201	1877	2080

7x37(18/12/6-1) + WSC

Applications

- General
- Slings

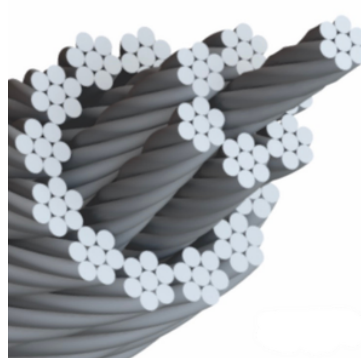
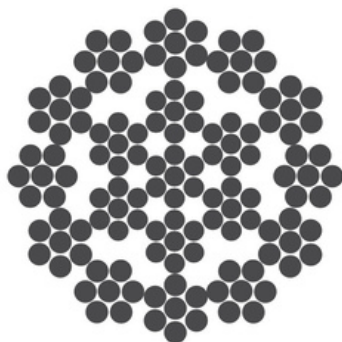


7X37M-WSC		MBL(kN)	
Dia	Kg/100m	1770	1960
6	14	22	24.4
7	19	30	33.2
8	24	39.2	43.4
9	31	49.6	54.9
10	38	61.2	67.8
11	46	74.1	82.1
12	55	88.2	97.7

18x7(6-1) + WSC

Applications

- Crane

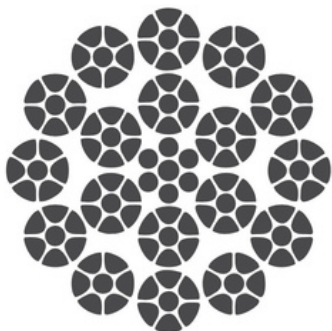


18X7+WSC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	27	37.2	41.1	45
9	34	47	52.1	57
10	42	58.1	64.3	71
11	50	70.2	77.8	86
12	59	83.6	92.6	102
13	70	98.1	109	120
14	81	114	126	139
16	107	149	165	182
18	134	188	208	229
19	151	210	232	256
20	165	232	257	283
22	201	281	311	343
24	239	334	370	408
26	281	392	435	479
28	325	455	504	555
32	429	594	658	725
36	541	752	833	918
38	604	838	928	1023
40	670	929	1029	1134

K-19x7(6-1) + WSC

Applications

- Crane

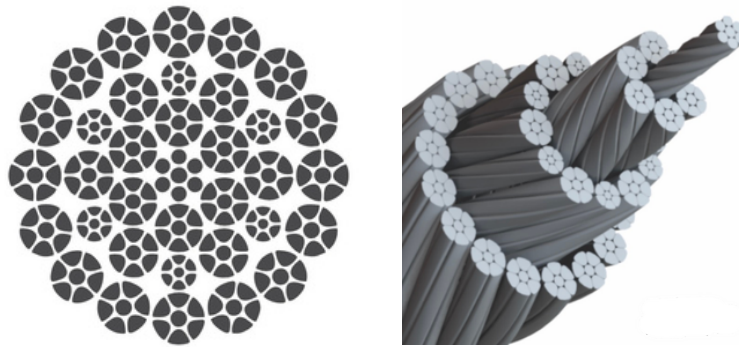


19x7(6-1)-K-WSC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
13	85	123	136	150
14	98	142	157	173
15	113	163	181	199
16	128	186	206	227
17	145	210	232	256
18	162	235	260	287
20	201	290	321	354
22	243	351	388	428
24	289	418	463	510
25	313	453	502	553
26	339	490	543	598
28	393	569	630	694
30	451	652	722	796
32	513	742	822	906

K - 35x7(6-1) + WSC

Applications

- Crane

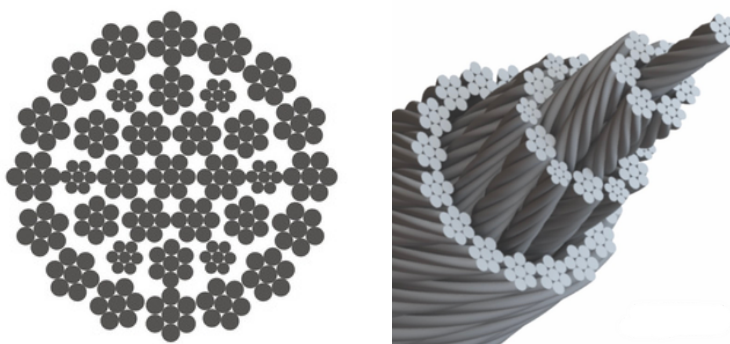


35x7-K+WSC Compacted		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
14	101	157	174	192
16	133	207	229	252
18	164	263	291	321
19	184	294	326	359
20	207	327	362	399
22	244	397	439	484
24	288	469	519	572
26	340	542	600	661
28	409	646	715	788
30	448	705	780	860
32	512	792	877	967
35	615	893	990	1090
38	723	1053	1166	1286
40	803	1177	1304	1437
42	886	1301	1441	1588
46	1063	1594	1765	1906
48	1158	1680	1860	2050

35x7(6-1) + WSC

Applications

- Crane
- Oil & Gas



35x7+WSC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
10	43	63	70.6	76
12	62	90.7	102	109
13	73	106	119	128
14	84	124	138	148
16	110	161	181	194
18	140	204	229	245
19	155	227	255	273
20	174	252	282	302
22	208	305	342	366
24	248	363	406	435
26	292	426	477	511
28	339	494	553	593
30	387	567	635	680
32	441	645	723	774
35	531	772	864	926
36	561	817	914	980
38	625	910	1020	1092
40	693	1008	1130	1210
42	764	1112	1245	1334
44	838	1220	1366	1464
48	997	1452	1626	1742

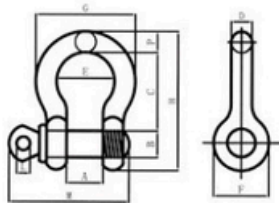
U.S. TYPE ANCHOR SHACKLES



G-209



G-2130



Screw pin anchor shackle meet the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 2

Safety anchor shackle with hexagon bolt-nut and cotter pin meet the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 3

Nominal Size (in.)	WLL (t)	Weight Each (kg)	Dimensions(mm)												Tolerance +/—	
			A	B	C	D	E	F	G	H	L	M	P	C	A	
3/16	0.3	0.03	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85	1.50	1.50	
1/4	0.5	0.05	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	4.85	35.1	6.35	1.50	1.50	
5/16	0.75	0.09	13.5	9.65	31.0	7.85	21.3	19.1	37.3	53.0	5.60	42.2	7.85	3.30	1.50	
3/8	1	0.14	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63.0	6.35	51.5	9.65	3.30	1.50	
7/16	1.5	0.17	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74.0	7.85	60.5	11.2	3.30	1.50	
1/2	2	0.33	20.6	16.0	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7	3.30	1.50	
5/8	3.25	0.62	26.9	19.1	60.5	16.0	42.9	38.1	74.5	106	11.2	85.0	17.5	6.35	1.50	
3/4	4.75	1.07	31.8	22.4	71.5	19.1	51.0	46.0	89.0	126	12.7	101	20.6	6.35	1.50	
7/8	6.5	1.64	36.6	25.4	84.0	22.4	58.0	53.0	102	148	12.7	114	24.6	6.35	1.50	
1	8.5	2.28	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9	6.35	1.50	
1–1/8	9.5	3.36	46.0	31.8	108	29.5	74.0	68.5	131	190	16.0	142	31.8	6.35	1.50	
1–1/4	12	4.31	51.5	35.1	119	32.8	82.5	76.0	146	210	17.5	156	35.1	6.35	1.50	
1–3/8	13.5	6.14	57.0	38.1	133	36.1	92.0	84.0	162	233	19.1	174	38.1	6.35	3.30	
1–1/2	17	7.80	60.5	41.4	146	39.1	98.5	92.0	175	254	20.6	187	41.1	6.35	3.30	
1–3/4	25	12.6	73.0	51.0	178	46.7	127	106	225	313	25.4	231	57.0	6.35	3.30	
2	35	20.4	82.5	57.0	197	53.0	146	122	253	348	31.0	263	60.0	6.35	3.30	
2–1/2	55	38.9	105	70.0	267	69.0	184	145	327	453	35.1	330	79.5	6.35	6.35	
3	85	66	127	83	330	76	200	165	365	540	41	419	97	6.35	6.35	
3–1/2	120	108	133	96	372	92	229	203	419	600	46	482	105	6.35	6.35	
4	150	150	140	108	368	104	254	229	468	620	50	502	116	6.35	6.35	

U.S. TYPE CHAIN SHACKLES

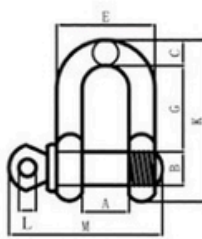


G-210



G-2150

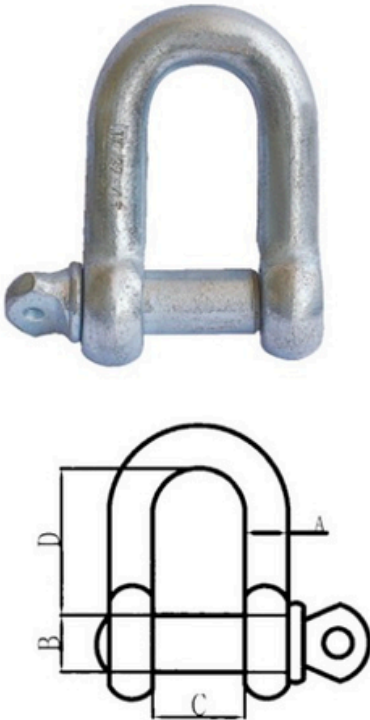
Screw pin chain shackle meet the requirements of Federal Specification RR-C-271D Type IVB, Grade A, Class 2



Safety chain shackle with hexagon bolt-nut and cotter pin meet the requirements of Federal Specification RR-C-271D Type IVB, Grade A, Class 3

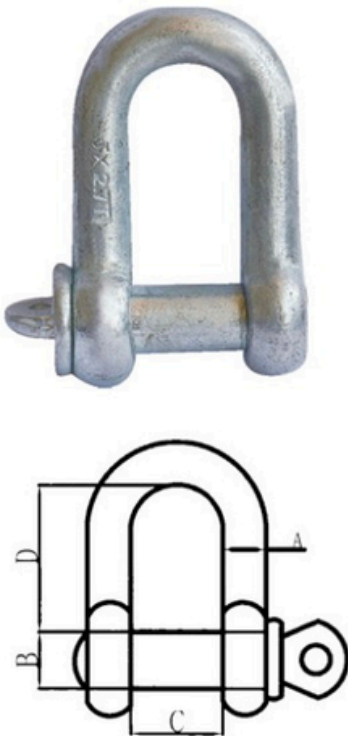
Nominal Size (in)	WLL (t)	Weight Each (kg)	Dimensions(mm)										Tolerance +/-	
			A	B	C	D	E	F	G	K	L	M	G	A
1/4	0.5	0.05	11.9	7.85	6.35	6.35	24.6	15.5	22.4	40.4	4.85	35.1	1.50	1.50
5/16	0.75	0.08	13.5	9.65	7.85	7.85	29.5	19.1	26.2	48.5	5.60	42.2	1.50	1.50
3/8	1	0.13	16.8	11.2	9.65	9.65	35.8	23.1	31.8	58.5	6.35	51.5	3.30	1.50
7/16	1.5	0.20	19.1	12.7	11.2	11.2	41.4	26.9	36.6	67.5	7.85	60.5	3.30	1.50
1/2	2	0.27	20.6	16.0	12.7	12.7	46.0	30.2	41.4	77.0	9.65	68.5	3.30	1.50
5/8	3.25	0.57	26.9	19.1	15.7	16.0	58.5	38.1	51.0	95.5	11.2	85.0	3.30	1.50
3/4	4.75	1.20	31.8	22.4	20.6	19.1	70.0	46.0	60.5	115	12.7	101	6.35	1.50
7/8	6.5	1.43	36.6	25.4	24.6	22.4	81.0	53.0	71.5	135	12.7	114	6.35	1.50
1	8.5	2.15	42.9	28.7	25.4	25.4	93.5	60.5	81.0	151	14.2	129	6.35	1.50
1-1/8	9.5	3.06	46.0	31.8	31.8	28.7	103	68.5	91.0	172	16.0	142	6.35	1.50
1-1/4	12	4.11	51.5	35.1	35.1	31.8	115	76.0	100	191	17.5	156	6.35	3.30
1-3/8	13.5	5.28	57.0	38.1	38.1	35.1	127	84.0	111	210	19.1	174	6.35	3.30
1-1/2	17	7.23	60.5	41.4	41.1	38.1	137	92.0	122	230	20.6	187	6.35	3.30
1-3/4	25	12.1	73.0	51.0	54.0	44.5	162	106	146	279	25.4	231	6.35	3.30
2	35	19.2	82.5	57.0	60.0	51.0	184	122	172	312	31.0	263	6.35	3.30
2-1/2	55	32.5	105	70.0	66.5	66.5	238	145	203	377	35.1	330	6.35	6.35
3	85	66	127	83	330	76	200	165	365	540	41	419	6.35	6.35
3-1/2	120	108	133	96	372	92	229	203	419	600	46	482	6.35	6.35

JIS SHACKLE



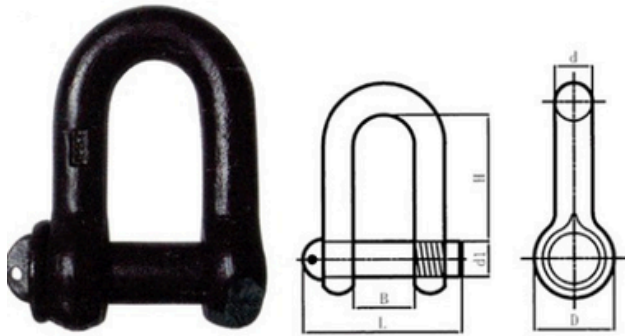
SIZE	Dimensions (mm)				WLL	WEIGHT (kg)
	A	B	C	D		
M6	6.8	6.5	16.5	25.0	0.02T	0.037
M8	7.0	6.7	16.5	29.0	0.05T	0.045
M10	8.9	9.0	20.0	35.0	0.1T	0.081
M12	9.1	11.0	26.0	50.0	0.2T	0.141
M14	11.3	12.0	25.1	52.0	0.5T	0.2
M16	14.0	15.0	28.4	54.0	0.8T	0.34
M18	15.2	16.5	30.0	63.0	1T	0.5
M20	17.5	19.0	32.0	65.5	1.5T	0.681
M22	19.8	21.0	35.0	73.0	2T	0.875
M25	22.0	24.0	40.0	82.0	2.5T	1.276
M28	25.0	27.0	52.0	99.5	3T	1.994
M30	27.5	29.8	47.8	97.0	3.5T	2.39
M32	30.0	31.0	55.0	99.5	4T	3
M36	31.8	35.0	62.5	114.0	5T	4.038
M38	34.2	38.2	65.0	114.0	6T	4.75
M42	38.0	41.5	69.9	126.0	7T	5.07
M45	45.0	50.0	81.0	153.0	8T	7.7
M50	45.0	50.0	83.5	154.0	10T	10.8

HEAVY DUTY SHACKLE



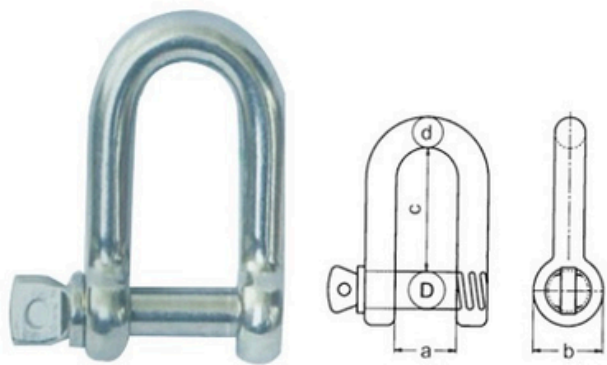
SIZE	Dimensions(mm)				WLL	WEIGHT (kg)
	A	B	C	D		
0.5T	12	13.0	20.0	35.0	0.5T	0.187
0.9T	14	15	22	47	0.9T	0.248
1.1T	14	15	27.0	51.0	1.1T	0.339
1.4T	15	18	32.5	66	1.4T	0.484
1.8T	16	20.5	35.2	70	1.8T	0.62
2.1T	18	21.5	39	78	2.1T	0.805
2.7T	21.5	24.8	40	82	2.7T	1.265
3.3T	25	27	49	101	3.3T	1.92
4.1T	28	30	48	96.8	4.1T	2.49
4.9T	31	33.8	58	117.5	4.9T	3.4
5.5T	32	33.3	54	123	5.5T	3.79
6.8T	34.5	38.5	65.2	117	6.8T	5.06
9.5T	40	43	74	140.5	9.5T	7.52
10.7T	45	48	80.5	156	10.7T	10.6
16T	50	53	80	176	16T	12.8
20T	51	62	91	162	20T	15.3

BLACKE HEAVY DUTY SHACKLE



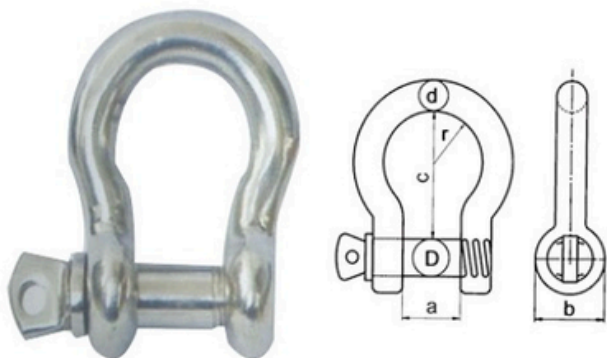
Size	Dimensions (mm)				
(t)	d1	d	L	B	H
0.9	M16	12	65	24	60
1.4	M20	16	86	32	80
2.1	M24	20	101	36	90
2.7	M27	22	111	40	100
3.3	M30	24	123	45	110
4.1	M33	27	137	50	120
4.9	M36	30	153	58	130
6.8	M42	36	176	64	150
9.5	M48	42	197	70	170
10.7	M52	45	218	80	190
16	M64	52	262	99	235
20	M76	65	321	100	256

EUROPEAN TYPE LARGE DEE SHACKLE



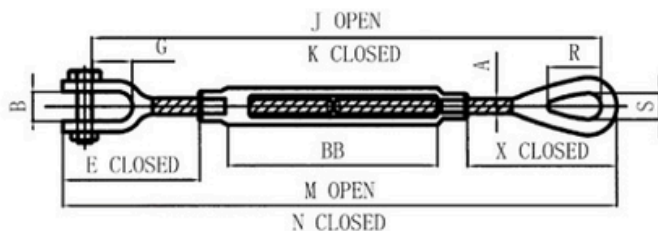
SIZE	SWL kg	D MM	d MM	a MM	c MM	b MM	WEIGHT PER 100 PCS (kg)
5	80	5	5	10	19	11	1.85
6	100	6	6	13	25	11	3.3
8	200	8	8	16	32	18	6.8
10	320	10	10	19	38	20	12.6
12	520	12	12	25	51	26	23
16	800	16	16	32	64	33	48.5
20	1100	20	20	38	76	40	78
22	1500	22	22	44	89	50	126
25	2100	25	25	51	100	57	194
28	3000	28	28	57	115	68	291
32	3500	32	32	64	127	73	417
38	5000	38	38	76	152	85	655
45	7000	45	45	90	180	96	1213
50	8000	50	50	102	200	108	1698

EUROPEAN TYPE LARGE BOW SHACKLE



SIZE	SWL kg	D mm	d mm	a mm	c mm	r mm	b mm	WEIGHT PER 100 PCS (kg)
5	80	5	5	10	19	8	11	1.9
6	100	6	6	13	25	10	14	3.4
8	200	8	8	16	32	12	18	7
10	320	10	10	19	38	16	20	13
12	520	12	12	25	51	19	26	26
16	800	16	16	32	64	28	33	50
20	1100	20	20	38	76	33	40	80
22	1500	22	22	44	89	37	50	130
25	2100	25	23	51	100	40	57	200
28	3000	28	28	57	115	47	68	310
32	3500	32	32	64	127	52	73	430
38	5000	38	38	76	152	63	85	700
45	7000	45	45	90	180	75	96	1250

US TYPE TURNBUCKLES WITH EYE & JAW



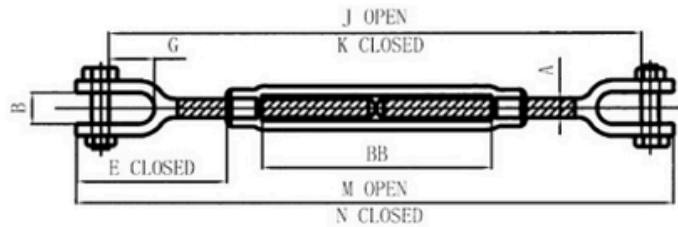
Drop Forged, Quenched and Tempered

Hot Dipped Galvanized

Proof Load is 2.5 times the Working Load Limit. Ultimate Load is 5 times the Working Load Limit.

Size(in)	WLL (T)	Weight (KG)	Dimensions(mm)											
			A	D	E Closed	G	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
14*4	0.23	0.14	6.35	11.4	40.1	15.7	288	187	307	205	19.8	865	445	101
5/16*4 1/2	0.36	0.23	7.85	12.7	50.5	22.1	348	221	356	242	23.8	11.1	53.0	114
3/8*6	0.54	0.36	9.65	13.7	54.0	22.1	427	275	451	299	28.4	13.4	640	152
1/2*6	1.00	0.68	12.7	16.5	70.0	26.9	490	312	520	342	36.5	18.2	82.0	152
1/2*9	1.00	0.78	12.7	16.5	70.0	26.9	642	388	673	419	36.5	18.2	82.0	228
1/2*12	1.00	0.94	12.7	16.5	70.0	26.9	795	465	825	495	36.5	18.2	82.0	304
5/8*6	1.59	1.07	16.0	20.1	89.0	33.3	533	349	572	388	44.4	22.3	99.0	152
5/8*9	1.59	1.44	16.0	20.1	89.0	33.3	686	425	725	464	44.4	22.3	99.0	228
5/8*12	1.59	1.64	16.0	20.1	89.0	33.3	838	501	877	541	44.4	22.3	99.0	304
3/4*6	2.36	1.81	19.1	23.9	106	38.1	576	386	625	435	53.0	25.4	119	152
3/4*9	2.36	2.15	19.1	23.9	106	38.1	729	462	777	511	53.0	25.4	119	228
3/4*12	2.36	2.69	19.1	23.9	106	38.1	881	538	930	587	53.0	25.4	119	304
3/4*18	2.36	3.18	19.1	23.9	106	38.1	1186	691	1235	739	53.0	25.4	119	457
7/8*12	3.27	3.79	22.4	28.7	123	44.5	917	567	973	624	60.4	31.7	130	304
7/8*18	3.27	4.42	22.4	28.7	123	44.5	1221	720	1278	776	60.4	31.7	130	457
1*6	4.54	4.05	25.4	34.0	140	52.5	669	466	734	531	76.0	36.5	162	152
1*12	4.54	5.08	25.4	34.0	140	52.5	974	618	1039	683	76.0	36.5	162	304
1*18	4.54	6.03	25.4	34.0	140	52.5	1279	771	1343	835	76.0	36.5	162	457
1*24	4.54	7.71	25.4	34.0	140	52.5	1583	923	1648	988	76.0	36.5	162	609
1 1/4*12	6.89	8.81	31.8	44.5	183	71.5	1050	681	1132	763	90.5	46.0	196	304
1 1/4*18	6.89	11.0	31.8	44.5	183	71.5	1354	834	1424	916	90.5	46.0	196	457
1 1/4*24	6.89	12.9	31.8	44.5	183	71.5	1659	986	1741	1068	90.5	46.0	196	609
1 1/2*12	9.71	13.1	38.1	52.3	200	71.5	1105	724	1200	819	103	54.0	219	304
1 1/2*18	9.71	15.9	38.1	52.3	200	71.5	1410	876	1505	972	103	54.0	219	457
1 1/2*24	9.71	17.8	38.1	52.3	200	71.5	1715	1029	1810	1124	103	54.0	219	609
1 3/4*18	12.7	24.4	44.5	66.0	239	86.0	1407	949	1518	1061	117	60.4	254	457
1 3/4*24	12.7	27.5	44.5	66.0	239	86.0	1711	1102	1823	1214	117	60.4	254	609
2*24	16.8	40.4	51.0	66.5	301	93.5	1845	1235	1980	1370	146	68.3	332	609
2 1/8*24	27.2	68	63.5	76.5	344	113	1925	1316	2093	1483	165	79.0	350	609
2 3/4*24	34.0	83	70.0	92.2	387	106	1978	1369	2172	1562	177	82.5	387	609

US TYPE TURNBUCKLES WITH JAW & JAW



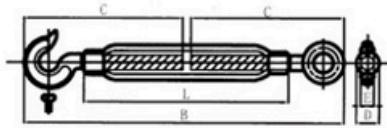
Drop Forged, Quenched and Tempered

Hot Dipped Galvanized

Proof Load is 2.5 times the Working Load Limit. Ultimate Load is 5 times the Working Load Limit.

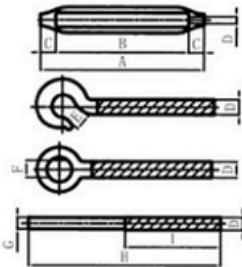
Size(in)	WLL(T)	Weight(KG)	Dimensions(mm)								
			A	B	E Closed	G	J Open	K Closed	M Open	N Closed	BB
1/4*4	0.23	0.16	6.35	11.4	40.1	15.7	277	175	302	201	102
5/16*4, 1/2	0.36	0.24	7.85	12.7	50.5	22.1	314	212	353	239	114
3/8*6	0.54	0.37	9.65	13.7	54.0	22.1	410	258	441	289	152
1/2*6	1.00	0.71	12.7	16.5	70.0	26.9	470	292	508	330	152
1/2*9	1.00	0.79	12.7	16.5	70.0	26.9	622	368	660	406	229
1/2*12	1.00	1.09	12.7	16.5	70.0	26.9	775	445	813	483	305
5/8*6	1.59	1.23	16.0	20.1	89.0	33.3	509	325	562	378	152
5/8*9	1.59	1.56	16.0	20.1	89.0	33.3	662	401	715	454	229
5/8*12	1.59	1.77	16.0	20.1	89.0	33.3	814	478	867	530	305
3/4*6	2.36	1.86	19.1	23.9	106	38.1	546	356	612	422	152
3/4*9	2.36	2.48	19.1	23.9	106	38.1	699	432	765	498	229
3/4*12	2.36	2.98	19.1	23.9	106	38.1	851	508	917	574	305
3/4*18	2.36	3.64	19.1	23.9	106	38.1	1156	660	1222	726	457
7/8*12	3.27	3.71	22.4	28.7	123	44.5	892	543	967	618	305
7/8*18	3.27	4.89	22.4	28.7	123	44.5	1197	675	1272	770	457
1*6	4.54	4.62	25.4	34.0	140	52.5	628	425	713	510	152
1*12	4.54	5.96	25.4	34.0	140	52.5	933	577	1018	662	305
1*18	4.54	6.87	25.4	34.0	140	52.5	1237	729	1322	814	457
1*24	4.54	8.20	25.4	34.0	140	52.5	1542	882	1627	967	610
1-1/4*12	6.89	9.34	31.8	44.5	183	71.5	1012	644	1119	750	305
1-1/4*18	6.89	11.2	31.8	44.5	183	71.5	1317	796	1423	903	457
1-1/4*24	6.89	12.8	31.8	44.5	183	71.5	1622	948	1728	1055	610
1-1/2*12	9.71	13.9	38.1	52.3	200	71.5	1054	673	1181	800	305
1-1/2*18	9.71	16.7	38.1	52.3	200	71.5	1359	826	1486	953	457
1-1/2*24	9.71	18.9	38.1	52.3	200	71.5	1664	978	1791	1105	610
1-3/4*18	12.7	24.5	44.5	66.0	239	86.0	1356	899	1503	1046	457
1-3/4*24	12.7	28.7	44.5	66.0	239	86.0	1661	1051	1808	1198	610
2*24	16.8	42.8	51.0	66.5	301	93.5	1766	1157	1949	1339	610

COMMERCIAL TYPE TURNBUCKLES



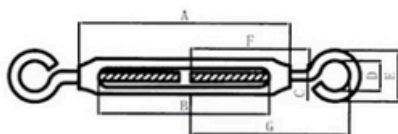
Size (mm)	WLL (kg)	Dimensions(mm)						Weight (lbs)
		B	C	D	E	F	L	
6x100	100	145	215	12	10	6	100	0.35
8x125	200	185	280	14	12	8	125	0.53
10x150	300	210	325	16	14	9	150	0.79
12x200	500	275	430	19	18	11	200	1.41
16x250	1000	345	540	23	24	14	250	3.18
20x300	1500	435	670	28	26	18	300	4.96
22x330	2200	480	740	34	32	20	330	7.79
24x350	3000	555	830	36	36	21	350	9.58

JIS TYPE FRAME TURNBUCKLES



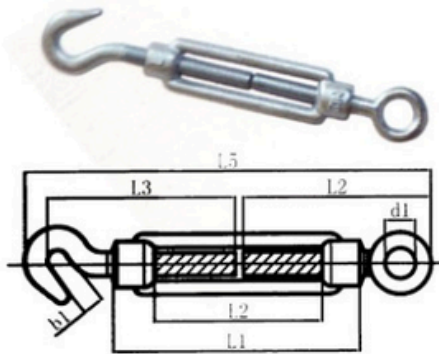
Size(D)		BodyOnly						Eye&Eye			Hook&Eye		Hook & Hook			WithStubs			
		A	B	C	T.L	W/PC	F	T.L	W/PC	F	T.L	W/PC	E	T.L	W/PC	H	I	G	W/PC
mm	in	mm	in	mm	mm	t	lbs	mm	t	lbs	t	lbs	mm	t	lbs	mm	mm	mm	lbs
6	1/4	100	4	78	11	1	2.21	10	0.1	0.3	0.04	0.25	9	0.04	0.25	80	50	5.3	11.69
8	5/16	125	5	100	12.5	1.2	2.65	12	0.2	0.5	0.08	0.48	9	0.08	0.47	100	63	6.9	15.23
9	3/8	150	6	120	12.5	1.5	3.31	16	0.5	0.7	0.15	0.65	11	0.15	0.64	130	75	8.3	18.31
12	1/2	200	8	164	18	2	4.41	20	2	1.3	0.35	1.29	16	0.35	1.26	150	100	11.2	24.71
16	5/8	250	10	202	21.5	3	6.62	22	3	2.4	0.7	2.32	19	0.7	2.27	180	125	14.2	31.33
19	3/4	300	12	250	25	4	8.83	28	4	3.9	1	3.93	20	1	3.91	220	150	17.2	37.95
22	7/8	325	13	269	28	5	11.03	33	5	5.6	1.5	5.69	21	1.5	5.74	250	165	20.3	44.79
25	1	350	14	285	32.5	6	13.24	35	6	8.4	2	8.32	26	2	8.21	270	175	23.3	51.41
32	1-1/4	400	16	310	45	8	17.65	36*70	10	16.8	3	16.6	34	3	16.4	300	200	29	63.99
38	1-1/2	450	18	350	55	10	22.07	40*80	15	29.8	4	28.2	35	4	48.5	330	225	38	83.85

KOREAN TYPE TURNBUCKLE



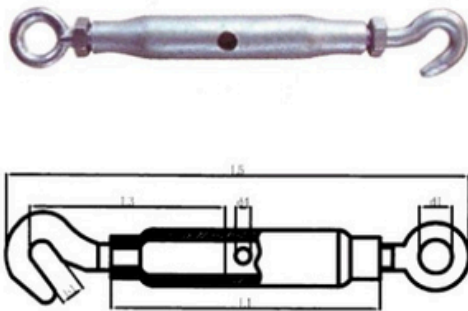
Size(in)	Dimensions(mm)							Weight(lbs)
	A	B	C	D	E	F	G	
3/16"	57.4	41.2	41.5	18.4	15	36	54.6	66
5/16"	90	70	8	11	22	65	95	320
3/8"	160	130	9	17	30	85	130	761
1/2"	190	155	10	20	30	95	150	1236
1/2"(Long)	255	215	10	30	35	140	190	1743
5/8"	250	200	15	25	45	130	190	2471
5/8"(Long)	350	300	15	30	45	180	240	3398
3/4"	250	200	20	35	45	140	210	3685
3/4" (Long)	300	245	20	40	55	170	240	4523

DIN 1480 TURNBUCKLES



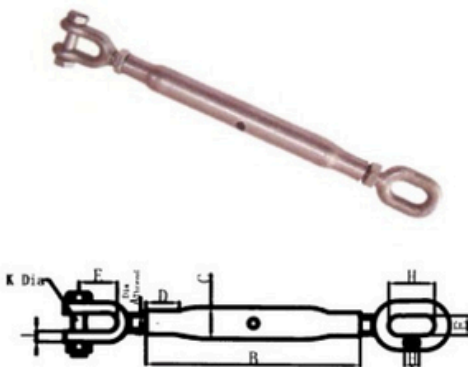
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	L1	L2	L3	bl	L4	dl	L5	
M6	110	80	85	8.5	80	9	172	21.0
M8	110	75	85	11	84	10	182	36.4
M10	125	85	112	13.5	105	14	213	64.0
M12	125	80	117	15.5	115	16	238	94.9
M14	140	90	122	18.5	122	18	263	136.8
M16	170	110	138	19	165	22	320	203.0
M20	200	130	170	20.5	167	24	367	359.7
M22	220	145	185	26	167	27	398	485.4
M24	255	170	205	26	205	27	447	662.0
M30	255	160	225	33	255	31	512	1015.0
M36	295	180	255	44	276	43	568	1694.6
M42	330	200	340	48	260	49	683	2846.4
M48	355	195	360	58	300	58	755	4633.7

DIN 1478 TURNBUCKLES



Dimensions (mm)									
Size (mm)	Body Length	Adjustable	d4	Hook		Eye		TotalLength Screwedin	Weight 100pcs
	Ll(mm)	(mm)		L3	bl	L3	dl	L5	(lbs)
M6	110	90	6	85	8.5	80	9	172	25.6
M8	110	85	8	85	11	84	10	182	41.92
M10	125	95	8	112	13.5	105	14	213	68.4
M12	125	90	10	117	15.5	115	16	238	92.67
M16	170	120	10	138	19	165	22	320	196.38
M20	200	140	12	170	20.5	167	24	367	348.63
M24	255	180	12	205	26	205	27	447	644.3
M30	255	160	16	225	33	255	31	512	948.8
M36	295	180	16	255	44	276	43	568	1334.95
M42	330	200	20	340	48	260	49	683	2559.57
M48	355	210	20	360	58	300	58	755	3530.45

RIGGING SCREW



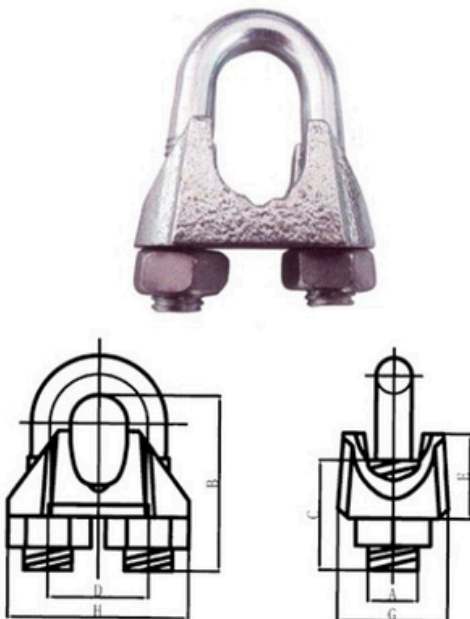
WLL (m. t)	Dimensions(mm)									Weight (lbs)	
	Dia Screw A	Length of Body B	Diaof Body C	D				E			
				JAW				OVALEYE			
				Length				Inside			
				Dia	DiaPin	Length	Hidth	Dia	Length		Hidth
				D1	D2	D3	D4	E1	E2		E3
0.1	6	102	12	3	5	15	7	6	15	8	0.24
0.15	88	110	15	4	6	16	9	7	19	10	0.5
0.375	10	152	21	5	8	21	11	8	25	11	0.62
0.5	12	175	27	6	10	25	13	11	30	14	1.76
0.75	16	229	27	10	12	40	18	14	41	16	3.09
1.125	20	229	33	12	16	45	20	16	51	22	4.41
1.6	22	305	33	15	18	48	24	16	51	22	7.72
2	24	325	42	16	22	65	28	19	57	25	8.81
2.75	28	356	48	18	22	59	30	19	57	28	9.92
3.75	33	381	48	20	27	62	34	22	65	35	14.3
4.25	35	381	60	22	28	68	38	22	65	36	17.64
5	39	406	60	24	33	74	42	25	74	38	24.25

US TYPE DROP FORGED WIRE ROPE CLIPS



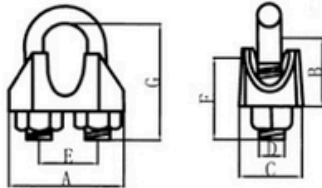
Size	Dimensions(in)								Weight
(in)	A	B	C	D	E	F	G	H	100pcs(lbs)
1/8	0.22	0.72	0.44	0.47	0.37	0.38	0.81	0.99	6
3/16	0.25	0.97	0.56	0.59	0.50	0.44	0.94	1.18	10
1/4	0.31	1.03	0.5	0.75	0.66	0.56	1.19	1.43	19
5/16	0.38	1.38	0.75	0.88	0.73	0.69	1.31	1.66	28
3/8	0.44	1.5	0.75	1	0.91	0.75	1.63	1.94	48
7/16	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	78
1/2	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	80
9/16	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	109
5/8	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	110
3/4	0.62	2.75	1.44	1.5	1.39	1.06	2.25	2.84	142
7/8	0.75	3.12	1.62	1.75	1.58	1.25	2.44	2.16	212
1	0.75	3.5	1.81	1.88	1.77	1.25	2.63	3.47	252
11/8	0.75	3.88	2	2	1.91	1.25	2.81	3.59	283
11/4	0.88	4.44	2.22	2.34	2.17	1.44	3.13	4.13	438
13/8	0.88	4.44	2.22	2.34	2.31	1.44	3.13	4.19	442
11/2	0.88	4.94	2.38	2.59	2.44	1.44	3.41	4.44	544
15/8	1	5.31	2.62	2.75	2.66	1.63	3.63	4.75	704
13/4	1.13	5.75	2.75	3.06	2.92	1.81	3.81	5.24	934
2	1.25	6.44	3	3.38	3.03	2	4.44	5.88	1300
21/4	1.25	7.13	3.19	3.88	3.19	2	4.56	6.38	1600
21/2	1.25	7.69	3.44	4.13	3.69	2	4.69	6.63	1900
23/4	1.25	8.31	3.56	4.38	4.88	2	5	6.88	2300
3	1.5	9.19	3.88	4.75	4.44	2.38	5.31	7.61	3100
31/2	1.5	10.75	4.5	5.5	6	2.38	6.19	8.38	4000

US TYPE GALV MALLEABLE WIRE ROPE CLIPS



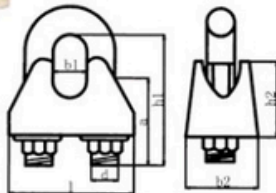
Size	Dimensions(in)							Weight
(in)	A	B	C	D	E	G	H	100pcs (lbs)
1/8	1/4	13/16	1/2	1/2	7/16	1/2	15/16	3.3
3/16	1/4	31/32	5/8	9/16	1/2	9/16	11/16	6.6
1/4	5/16	17/32	7/8	11/16	5/8	11/16	13/8	11.42
5/16	5/16	17/32	7/8	11/16	11/16	11/16	13/8	13.1
3/8	3/8	15/8	1	7/8	13/16	7/8	15/8	22
7/16	3/8	15/8	1	7/8	13/16	15/16	15/8	25.2
1/2	7/16	2	11/4	1	11/16	1	17/8	38.4
9/16	1/2	25/16	115/32	13/16	13/16	11/8	23/16	49.73
5/8	1/2	25/16	115/32	13/16	15/16	11/8	23/16	54.76
3/4	9/16	29/16	13/4	111/32	11/2	11/4	27/16	80.53
7/8	5/8	31/16	113/16	15/8	13/4	13/4	27/8	117.35
1	5/8	33/8	21/16	13/4	115/16	2	3	150.6
11/8	3/4	37/8	23/16	21/16	23/16	21/8	37/16	243
11/4	3/4	37/8	23/16	21/16	23/8	21/2	37/16	262
13/8	7/8	41/2	2	29/16	27/8	31/8	43/16	456
11/2	7/8	41/2	2	29/16	3	31/4	41/4	512

DIN741 Malleable Wire Rope Clips



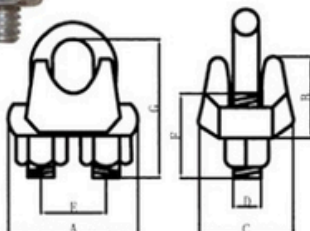
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	A	B	C	D	E	F	G	
3	21	10	10	4	9	12	16.6	3.09
5	23	10	11	5	11	13	19.65	3.3
6.5	26	11	12	5	13	15	23.65	4.63
8	30	15	14	6	16	19	28.85	9.04
10	34	17	18	8	19	22	35	15
11	36	18	19	8	20	22	37	15.87
13	40	21	23	10	24	30	46.24	28.7
14	44	22	23	10	25	30	48.24	29.76
16	50	26	26	12	29	33	52.5	46.3
19	54	30	29	12	32	38	64.5	61.7
22	61	34	33	14	37	44	72.5	88.2
26	65	37	35	14	41	45	82.5	97.0
30	74	43	37	16	48	50	95.6	145.5
34	80	50	42	16	52	55	105.6	187.4
40	88	55	45	16	58	60	125.6	229.3

DIN1142 Malleable Wire Rope Clips



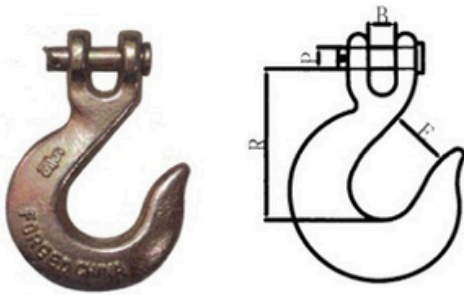
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	a	b1	b2	d	h1	h2	l	
5	13	7	13	5	25	13	25	5
6.5	17	8	16	6	32	14	30	9
8	20	10	20	8	41	18	39	18
10	24	12	20	8	46	21	40	20
13	30	15	28	12	64	29	55	61
16	35	18	32	14	76	35	64	95
19	36	22	32	14	83	40	68	108
22	40	24	34	16	96	44	74	150
26	50	26	38	20	111	51	84	258
30	55	34	41	20	127	59	95	309
34	60	38	45	22	141	67	105	470
40	65	44	49	24	159	77	117	591

Galv Malleable Wire Rope Clips Type A



Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	A	B	C	D	E	F	G	
6	23	14	17	5	12	14	24	5.5
8	28	17	21	6	15	16	30	9.9
10	38	21	28	8	19	20	37	19.84
12	45	27	34	10	24	25	47	39.68
15	52	32	40	12	29	30	56	61.73
20	62	38	46.5	14	36	36	70	103.62
22	69	43	51.5	16	40	39	77	136.68
25	76	50	56	18	43	44	85	187.4
28	85	57	62	20	48	48	95	264.55
32	93	61	67	22	55	51	108	346.12
40	111	73	81	24	64	62	120	575.4
45	123	86	88	27	72	70	137	800
50	135	95	95	30	80	88	154	1058.2

CLEVIS SLIP HOOKS H-331/A-331



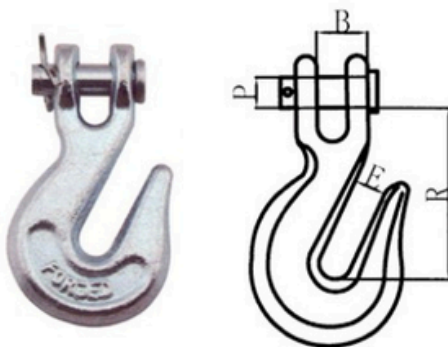
Size (in)	WLL(lbs)		Dimensions(in)				Weight (lbs)
	H-331	A-331	B	E	P	R	
1/4"	19 50	2750	0.44	0.94	0.38	2.56	0.50
5 / 16"	2875	4300	0.50	1.66	0.44	2.87	0.75
3 / 8"	4000	52 50	0.59	1.31	0.47	3.25	1.20
7/16"	5000	7000	0.66	1.56	0.56	3.70	2.06
1 / 2"	6500	9000	0.75	1.69	0.63	4.00	2.80
5/8"	92 50	13500	0.91	2.00	0.75	4.94	4.75
3/4"	12500	19250	1.31	2.50	1.00	6.09	10.30

EYE GRAB HOOKS H-323/A-323



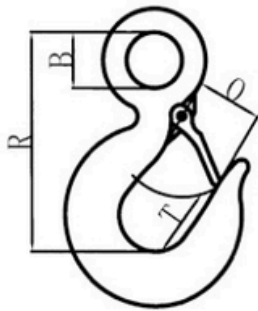
Size (in)	WLL(lbs)		Dimensions(in)			Weight (lbs)
	H-323	A-323	B	E	R	
1/4"	2600	3600	0.50	0.34	1.97	0.28
5/16"	3900	5400	0.56	0.44	2.25	0.45
3/8"	5400	7500	0.66	0.50	2.56	0.79
7/16"	7200	10000	0.75	0.56	2.94	1.19
1/2"	9200	12750	0.88	0.66	3.38	1.80
5/8"	12750	19000	1.06	0.78	4.11	3.30
3/4"	18500	27000	1.38	0.94	5.16	6.00

CLEVIS GRAB HOOKS H-330/A-330



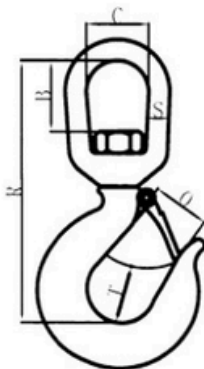
Size (in)	WLL(lbs)		Dimensions (in)				Weight (lbs)
	H-330	A-330	B	E	P	R	
1/4"	2600	3600	0.36	0.40	0.38	1.97	0.40
5/16"	3900	5400	0.40	0.44	0.44	2.26	0.79
3/8"	5400	7500	0.48	0.50	0.47	2.63	1.00
7/16"	7200	10000	0.66	0.56	0.56	2.75	1.50
1 / 2"	9200	12750	0.75	0.66	0.63	3.19	2.10
5/8"	12750	19000	0.91	0.78	0.75	4.09	4.20
3/4"	18500	27000	0.94	0.94	0.88	4.63	6.50

EYE HOOKS WITH LATCHES 320A/C



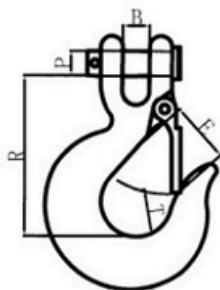
WLL(t)		Dimensions (in)				Weight(lbs)
320C	320A	B	R	O	T	
1/2	3/4	0.63	2.8	0.81	0.65	0.37
3/4	1	0.75	3.22	0.88	0.81	0.57
1	1 1/2	0.91	3.66	0.97	0.81	0.77
1 1/2	2	1.12	4.09	1	0.84	1.28
2	3	1.25	4.69	1.12	1.19	1.73
3	4 1/2	1.56	5.78	1.34	1.38	3.66
5	7	2	7.38	1.69	1.78	7.19
7 1/2	11	2.44	9.06	2.06	2.12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

SWIVEL HOOKS 322A/C



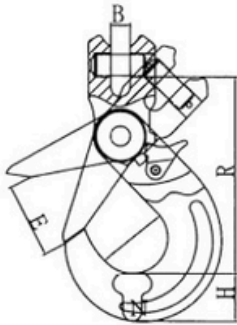
WLL(t)		Dimensions (in)						Weight (lbs)
322C	322A	B	C	O	R	S	T	
3/4	1	0.93	1.25	0.88	4.47	0.37	0.8	0.77
1	1 1/2	1.31	1.5	0.97	5.28	0.5	0.8	1.27
1 1/2	2	1.62	1.75	1	6	0.62	0.84	2.28
2	3	1.56	1.75	1.125	6.37	0.62	1.19	2.60
3	4 1/2	1.75	2	1.34	7.4	0.75	1.37	4.81
5	7	2.31	2.5	1.69	9.59	1	1.78	10.40
7 1/2	11	2.38	2.75	2.06	11.12	1.125	2.125	16.42
10	15	2.8	3.12	2.25	11.93	1.25	2.5	23.40

CLEVIS SLIP HOOKS WITH LATCHES



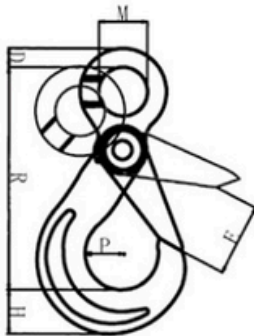
Size (in)	WLL(lbs)		Dimensions (in)					Weight (lbs)
	Carbon	Alloy	B	E	P	R	T	
1/4"	1950	2750	0.44	0.79	0.38	2.56	0.79	0.52
5/16"	2875	4300	0.50	0.93	0.44	2.87	0.79	0.77
3/8"	4000	5250	0.59	1.14	0.47	3.25	1.02	1.23
7/16"	5000	7000	0.66	1.18	0.56	3.70	1.06	2.10
1/2"	6500	9000	0.75	1.42	0.63	4.00	1.38	2.85
5/8"	9250	13500	0.91	1.65	0.75	4.94	1.69	5.18

G80 CLEVIS Self-locking HOOK



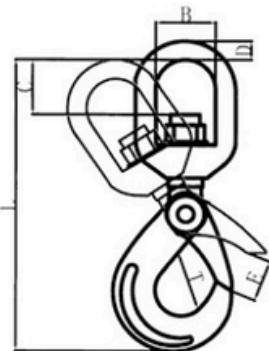
SIZE(mm)	WEIGHT (KG) 单重	WLL(T) 工作 拉力	B. L (T)	E±2	B+0.5	H+1	N ±1.5	R
6-8	0.5	1.12	4.48	29	8.5	19.5	34	95.5
7/8-8	0.8	2	8	34	9.5	24	46	121
10-8	1.5	3.15	12.6	44	12	30	56	146
13-8	2.8	5.3	21.2	52	15	40	69	182
16-8	5.6	8	32	60	18	50.5	86	218
20-8	7.5	12.5	50	83	25	55	100	240
22-8	11.5	15	60	88	25.5	67	98	276.5
26-8	18.15	21.2	84.8	95.5	30	75	110	310.5
32-8	49.1	31.5	126	160	36	97	166	400.5

G80 EYE Self-locking HOOK



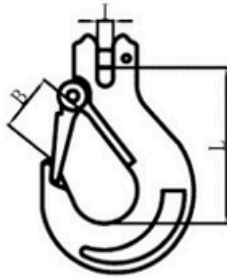
Size(mm)	Weight (lbs)	WLL(t)	B. L(t)	Dimensions(in)					
				M	R	D	P	H	E
6-8	1.1	1.12	4.48	22	110.5	10	34	19.5	28
7/8-8	1.8	2	8	25	136	12	46	24	34
10-8	3.2	3.15	12.6	32	171	15	56	30	44
13-8	6.3	5.3	21.2	40.5	208.5	19.5	69	40	52
16-8	12.4	8	32	56	257.5	22	86	50.5	60
18/20-8	16.8	12.5	50	64.5	275	27	100	55	81
22-8	28.7	15	60	70	320	30	98	67	82
26-8	39.7	21.2	84.8	80	363	34	110	75	110
32-8	98.2	31.5	126	105	472	45	166	97	168

G80 SWIVEL Self-locking HOOKS



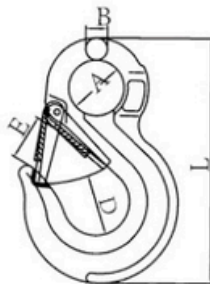
Size (mm)	Weight (lbs)	WLL(t)	B. L(t)	Dimensions in)					
				B	C	D	L	T	E
6-8	1.6	1.12	4.48	32.5	22	11.25	170	34	29
7/8-8	2.4	2	8	35.5	26	12.5	210	46	34
10-8	4.4	3.15	12.6	42	34	15	247	56	44
13-8	8.8	5.3	21.2	50	38.5	16	302	69	52
16-8	16.1	8	32	61	55	21.5	383	86	60
18/20-8	25.6	12.5	50	72	61	26	418	100	83
22-8	35.3	15	60	95	95	33	527	98	88
26-8	47.4	21.2	84.8	122	115	42	610	110	95.5
32-8	174.3	31.5	126	140	126	52	777	166	150

G80 CLEVIS SLING HOOK



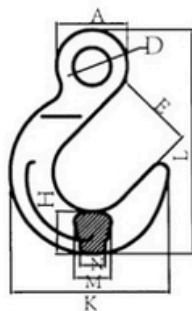
Size(mm)	Chain Size(mm)	WLL(t)	Test Load(t)	Die B	mensions(mm)		Weight (lbs)
					L	I	
6-8	5-6	1.1	2.2	22	73	6.7	0.66
7/8-8	7-8	2	4	25.5	86	8.7	1.21
10-8	10	3.15	6.3	30.8	105	10.2	2.32
13-8	13	5.3	10.6	41	128	15.3	4.19
16-8	16	8	16	50	155	19	7.83
20-8	19-20	12.5	25	60	184	21	13.04
22-8	22	15	30	71	222	36	16.1

G80 EYE SLING HOOK



SIZE(mm)	WEIGHT (KG) 单重	WLL(T) 工作拉力	B. L(T)	B+1	E+1	D±1	A+1	L+2
6-8	0.3	1.12	4.48	9	24	21	20	108
7/8-8	0.4	2.0	8.0	11	30	26	25	133
10-8	0.9	3.15	12.6	15	34	39	38	167
13-8	1.7	5.3	21.2	19	39	54	43	213
16-8	3.2	8	32	23	46	64	50	255
20-8	5.8	12.5	50	24	40	80	62	305
22-8	8.5	15	60	32	71	80	62	348
26-8	13	21.2	84.8	35	81	82	64	394
32-8	17	31.5	126	37	102	112	88	480

G80 EYE HOOK

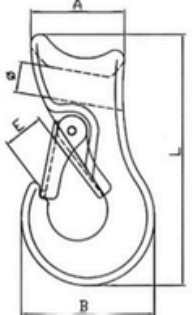


SIZE(mm)	WEIGHT (KG) 单重	WLL(T) 工作拉力	B. L(T)	E ±1.2	A ±1	D ±1	H ±1	M +1	N +0.5	K +2	L +2
7/8-8	1.09	2	8	63.5	39	18	31	25.4	18	120	163
10-8	2.04	3.15	12.6	76	50.8	22	38	32.6	23	146	200
13-8	3.22	5.3	21.2	89	63.5	27	44.5	38.1	27	171	238
16-8	5.53	8	32	102	76	32	52	46	32	198	278
20-8	8.75	12.5	50	114.5	89	38	65	55	39	232	325
22-8	11.93	15	60	127.5	102	45	69	57	40	256	361
26-8	16.8	21.2	84.8	140	126	67.5	77	66	45	283	402
32-8	26.6	31.5	126	153.5	151.5	81.5	97.5	80	58	327	461

SLIDING EYE CHOKE HOOK

- Forged from high-strength, high-toughness special alloy steel and heat treated (quenched and tempered).
- Breakage Test: Strict sampling breakage tests are carried out on every batch of products.
- Surface Treatment: Powder coating.

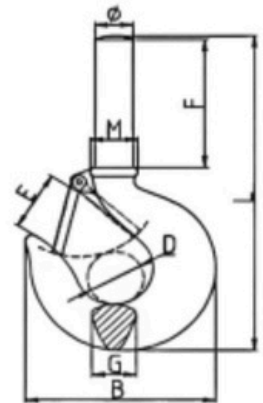


	ITEM NO.	WEIGHT (kg)	WLL (T)	B.L (T)	DIMENSION(MM)				
					D±1	A±1.5	B±1.5	E±3	L±2.5
	8-UCM0066-3/8-1/2	0.68	1.6	8	17	50	71	18	132
	8-UCM0066-5/8	1.21	2	10	22	63.5	79	20	151.3
	8-UCM0066-3/4	1.99	3	15	28	69	103	26	170
	8-UCM0066-1	4.18	5	25	32.5	85.7	135	33	213

- Individually proof-tested at 2.5 times the Working Load Limit.
- Fatigue tested at 1.5 times the Working Load for 20,000 cycles.

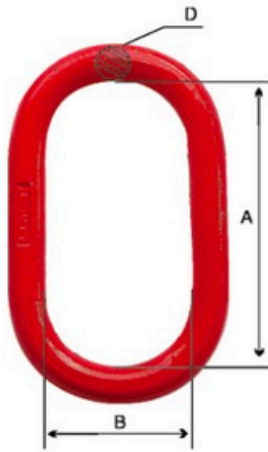
SHANK HOOK

- Forged from alloy steel or carbon steel, quenched and tempered. Strict heat treatment ensures high strength and toughness.
- Surface Treatment: Powder coating.



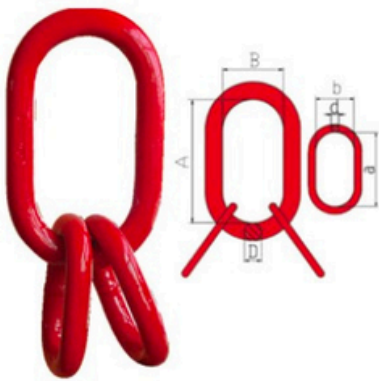
ITEM NO.	WEIGHT (KG)	WLL/T(4:1)		DIMENSION(MM)							
		CARON	ALLOY	B	E	φ	M	G	F	D	L
UCM0093	0.31	0.75	1	73.5±3	23±2	15±1	18±2	16±1	51±3	19±1	129±4
UCM0093	0.52	1	1.5	80±3	23±2	16.7±1	20±2	18±1	58±3	20±1	147±4
UCM0093	0.72	1.5	2	92±4	28.8±2	18.4±2	23±2	22.5±2	67±3	25±1	164.7±5
UCM0093	0.96	2	3	104.5±4	31±3	22.4±2	26±2	24±2	70.5±4	30±1	179.5±5
UCM0093	1.7	3	5	125.5±4	36±3	29.5±2	32±3	29±2	84±4	33±2	216.5±6
UCM0093	3.31	5	7	167±5	48±3	35.8±3	40±3	36.5±3	95.5±4	45±2	265±6
UCM0093	6.52	7	11	191.5±5	55±3	46±3	51±3	47.8±3	114±5	52±2	323±7
UCM0093	9.33	10	15	214±6	64±3	50.8±4	55.6±3	55.5±3	118±5	58±3	346±8
UCM0093	17.46	15	22	262±6	86±4	65±4	68.8±4	68.5±4	146±5	70±3	431±8

MASTER LINK



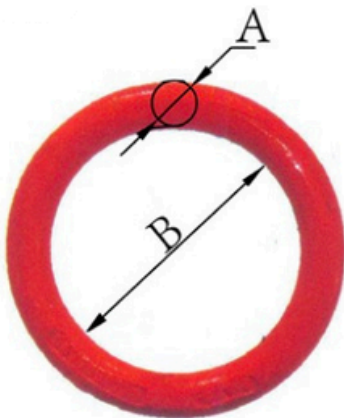
ITEM NO.in	WEIGHT/KG	WLL / T	B. L / T	Amm	Bmm	Dmm
1/2	0.42	2.2	11	127	63.5	14
5/8	0.67	3.0	15	152	76	16
3/4	1.05	4.7	23.5	140	70	19
7/8	1.5	6.4	32	162	91	23
7/8	2.66	8	40	178	89	22
1	2.07	11	55	220	110	32
1-1/4	4.16	16	80	270	140	38
1-1/2	6.55	21.7	108.5	305	152	45
1-3/4	11.37	28.4	142	350	190	50
2	16.5	30	150	355	178	50
2-1/2	32	50	250	406	203	63

MASTER LINK ASSEMBLY



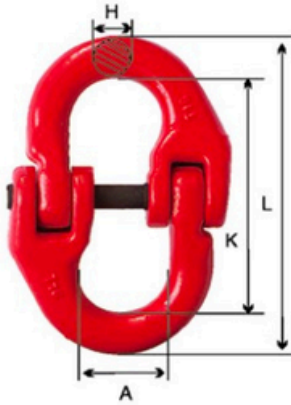
ITEMNO.	WEIGHT/KG	CHAIN(4:1)		CHAIN(5:1)		A	B	D	a	b	d	s
		WLL/T	B.L/T	WLL/T	B.L/T							
1/2	0.82	2.4	9.6	2	10	100	60	14	85	40	12	6
11/16	1.60	3.2	12.8	2.5	12.5	160	90	18	100	60	14	7.6
3/4	1.95	5	20	4	20	160	90	20	100	60	14	7.6
7/8	3.16	8	32	6.4	32	180	100	22	150	70	18	8.4
1-1/8	6.75	12	48	9.6	48	270	140	28	160	90	22	13.5
1-1/4	9.31	17.4	69.6	13.9	69.5	270	140	32	180	100	25	16.5
1-1/2	18.4	21	84	21	105	300	160	40	270	140	31	-
1-3/4	26.4	30	120	30	150	340	180	45	285	155	36	-
2	42.91	40	160	40	200	350	190	51	340	180	45	-

FORGED RING



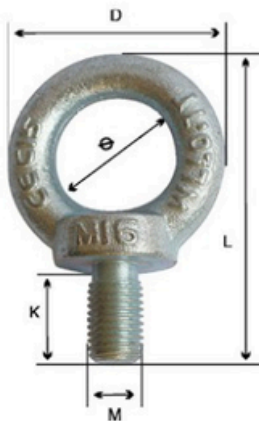
SIZE	WEIGHT (KG)	WLL	A	B
3/4*4	1.14	1.8T	19	102
7/8*4	1.6	3.5T	22	102
7/8*4	1.6	3.5T	22	140
1*4	1.6	4.5T	25	102
1-1/8*6	2.8	6.5T	28	152
1-1/4*6	3.6	9T	32	152
1-1/4*10	6	9T	32	254
1-1/2*6	5.4	10T	35	152
1-1/2*8	6.8	10T	38	203
1-1/2*10	8.4	10T	38	254

G80 EUROPEAN TYPE CONNECTING LINK



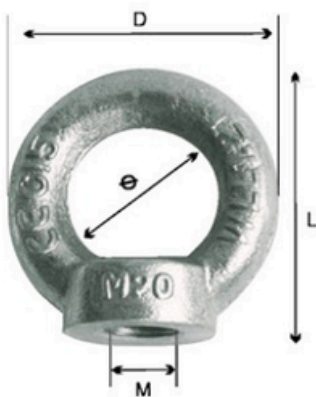
ITEM NO.	mm	WEIGHT/KG	WLL/T	B.L/T	Amm	Lmm	Kmm	Hmm
6		0.68	1.12	4.48	15	58	42	7
7		0.145	1.5	6	19	71.8	54.8	8.5
7-8		0.146	2	8	18	79.5	62.5	8.5
8		0.16	2	8	18	79.5	60.5	8.5
10		0.3	3.15	12.6	25	93	68	10.8
13		0.7	5.3	21.2	29	117	87	15
16		1.1	8	32	34.5	148	108.4	19.8
18		1.84	10	40	38	154	112	21
18-20		1.8	12.5	50	41	169.5	121.5	24
22		3.2	15	60	48	193.5	141.5	26
26		4.5	21.2	84.8	57.5	229	158	30
32		9	31.5	126	67	281	205	37

DIN 580 EYE BOLT



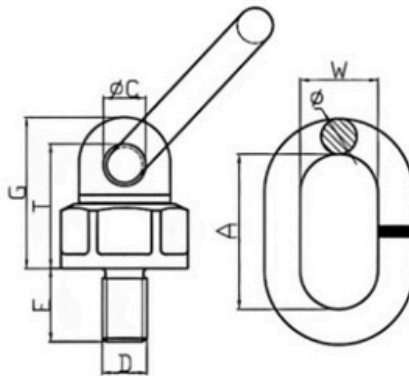
ITEM NO.	WEIGHT/KG	WLL/T(4:1)		Dmm	Kmm	ϕ mm	Lmm
		WLL 0°	WLL 90°				
M6	0.05	0.4	0.15	28	13	16	42
M8	0.06	1	0.4	36	15	20	51
M10	0.11	1	0.4	45	18	25	63
M12	0.18	2	0.75	54	22	30	75
M16	0.28	4	1.5	63	28	35	88
M20	0.45	6	2.3	72	30	40	101
M24	0.87	8	3.2	90	38	50	128
M30	1.66	12	4.5	108	45	60	154
M36	2.65	16	7	126	55	70	183
M42	4.03	24	9	144	65	80	212
M48	6.38	32	12	166	70	90	238

DIN 580 EYE NUT



ITEM NO.	WEIGHT/KG	WLL/T(4:1)		Dmm	ϕ mm	Lmm
		WLL 0°	WLL 90°			
M6	0.049	0.4	0.15	36	20	36
M8	0.05	1	0.4	36	20	36
M10	0.09	1	0.4	45	25	45
M12	0.16	2	0.75	54	30	53
M16	0.24	4	1.5	63	35	62
M20	0.36	6	2.3	72	40	71
M24	0.72	8	3.2	90	50	90
M30	1.32	12	4.5	108	60	109
M36	2.08	16	7	126	70	128
M42	3.11	24	9	144	80	147
M48	5.02	32	12	166	90	168

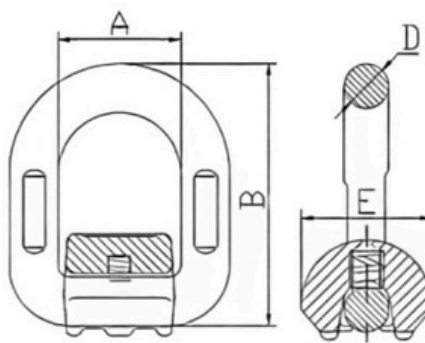
LIFTING SCREW POINT



- Forged from high-strength, high-toughness special alloy steel and heat treated (quenched and tempered).
- Breakage Test: Strict sampling breakage tests are conducted on every batch of products.
- Surface Treatment: Powder coating.

ITEM NO.	WEIGH (kg)	WLL(T)		Torque (N.m)	DIMENSION(MM)						
		90°	0°		DxE	C±2	G±1	T±2	A±5	W±5	ø±1.5
8-UCM0105-M8X13	0.54	0.3	0.6	10-15	M8X13	16.5	53	42	55	30	14
8-UCM0105-M10X18	0.54	0.45	0.9	10-15	M10X18	16.5	53	42	55	30	14
8-UCM0105-M12X20	0.55	0.5	1	10-15	M12X20	16.5	53	42	55	30	14
8-UCM0105-M14X20	0.55	1.12	2	20-30	M14X20	16.5	53	42	55	30	14
8-UCM0105-M16X25	0.57	1.12	2	20-30	M16X25	16.5	53	42	55	30	14
8-UCM0105-M20X33	1.11	2	4	50-70	M20X33	19	68	56	70	35	16
8-UCM0105-M24X40	1.70	3.15	6.3	130-160	M24X40	22	78	65.5	85	40	18
8-UCM0105-M27X40	1.70	3.15	6.3	180-220	M27X40	22	78	65.5	85	40	18
8-UCM0105-M30X50(5T)	2.55	5.3	10.6	200-250	M30X50	23.5	97	81	85	40	20
8-UCM0105-M30X50(8T)	3.90	8	12.8	200-250	M30X50	28	113	93	115	50	22
8-UCM0105-M36X54	3.90	8	12.8	280-400	M36X54	28	110	90	115	50	22
8-UCM0105-M39X54	4.00	8	12.8	280-400	M39X54	28	110	90	115	50	22
8-UCM0105-M42X63	4.54	10	16	500-600	M42X63	28	110	90	115	50	25
8-UCM0105-M48X68	4.82	10	16	500-650	M48X68	28	110	90	115	50	25
8-UCM0105-M56X84	12.00	15	24	600-900	M56X84	42	165	133	152	70	32
8-UCM0105-M64X95	12.75	15	24	600-900	M64X95	42	165	133	152	70	32

WELD ON PIVOTING DLINK



- Forged from high-strength, high-toughness special alloy steel and heat treated (quenched and tempered).
- Breakage Test: Strict sampling breakage tests are conducted on every batch of products.
- Surface Treatment: Powder coating.
- Electrogalvanized finish.
- Equipped with an internal spring for better pivoting control of the D-ring.

ITEM NO.	WEIGHT(kg)	WLL (T)	B.L(T)	DIMENSION(MM)			
				A	B	D	E
8-UCM0108-M6	0.47	1.12	4.48	41±2	78.5±3	13±1	38±2
8-UCM0108-M8	0.51	2	8	42±2	88±3	14±1	40±2
8-UCM0108-M10	0.69	3.15	12.6	46±2	94±3	17±1	43±2
8-UCM0108-M12	1.46	5.3	21.2	55±3	118±4	22±2	61±3
8-UCM0108-M14	2.52	8	32	70±3	141±4	26.5±2	70.5±3
8-UCM0108-M16	3.59	10	40	85±4	165±5	28±3	76±4
8-UCM0108-M18	5.79	15	60	97±4	188±5	34±3	90±4

CHAIN SLING



Diagram of the working load limit

G80 CHAIN SLINGS						
CHAIN	SINGLELEG	2 LEGS		3-4 LEGS		CHOKER ENDLESS SLINGS
Ø		$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	
mm	WLL kg	WLL kg		WLL kg		WLL kg
6	1120	1600	1120	2360	1700	1800
7	1500	2120	1500	3150	2240	2500
8	2000	2800	2000	4250	3000	3150
10	3150	4250	3150	6700	4750	5000
13	5300	7500	5300	11200	8000	8500
16	8000	11200	8000	17000	11800	12500
19	10000	14000	10000	21200	15000	16000
20	12500	17000	12500	26500	19000	20000
22	15000	21200	15000	31500	22400	23600
26	21200	30000	21200	45000	31500	33500
32	31500	15000	31500	67000	47500	50000
WLL according to EN818-4						

Working Load Limit REDUCTION	
CHAIN SLING TEMPERATURE	REDUCTION IN WORKING LOAD LIMIT
-40°C - 200°C	NONE
200°C - 300°C	10% Reduction
300°C - 400°C	25% Reduction
Above 400°C	DO NOT USE!!

FLAT WEBBING SLINGS



- Length: 1m to 12m
- Material: 100% Polyester
- Safety Factor: 7:1 6:1 5:1
- Polyester High Strength Yarn
- Encrypted Weaving
- Two Layers of thickening



Width	Width	WLL		1 Webbing Sling						
				Straight	Choker	β				
				Tons	Tons	0° -7°	7° -45°	45° -60°	Up to 45°	45° -60°
mm	mm	Tons	Colour							
25	30	1		1.00	0.80	2.00	1.40	1.00	0.70	0.50
50	60	2		2.00	1.60	4.00	2.80	2.00	1.40	1.00
75	90	3		3.00	2.40	6.00	4.20	3.00	2.10	1.50
100	120	4		4.00	3.20	8.00	5.60	4.00	2.80	2.00
125	150	5		5.00	4.00	10.00	7.00	5.00	3.50	2.50
150	180	6		6.00	4.80	12.00	8.40	6.00	4.20	3.00
200	240	8		8.00	6.40	16.00	11.20	8.00	5.60	4.00
250	300	10		10.00	8.00	20.00	14.00	10.00	7.00	5.00
300	300	12		12.00	9.60	24.00	16.80	12.00	8.40	6.00

ROUND SLING EYE & EYE



- Lightweight: Easy to use, with a wide load-bearing surface, it can reduce surface load pressure.
- High strength: Made of filament, it has high strength and elastic recovery.
- Made of High Quality synthetic fibre,
- Reinforced wear-resistant materials.
- Corrosion resistance: The material has good chemical quality and is not afraid of mold or insects.

WLL	Working load limit with 1 webbing sling						Working load limit with 2 webbing sling				Approximate width mm	Minimum length m	maximum length m
	Vertical lifting	Bolted lifting	0°-7°	7°-45°	45°-60°	Up to 45°	Straight up to 45°	Choker up to 45°	Straight 45°-60°	Choker 45°-60°			
WLL 1T	1	0.8	2.0	1.4	1	0.7	1.40	1.12	1.0	0.8	40	1	100
WLL 2T	2	1.6	4.0	2.8	2	1.4	2.80	2.24	2.0	1.6	50	1	100
WLL3T	3	2.4	6.0	4.2	3	2.1	4.20	3.36	3.0	2.4	60	1	100
WLL 4T	4	3.2	8.0	5.6	4	2.8	5.60	4.48	4.0	3.2	70	1	100
WLL 5T	5	4.0	10.0	7.0	5	3.5	7.00	5.60	5.0	4.0	75	1	100
WLL6T	6	4.8	12.0	8.4	6	4.2	8.40	6.72	6.0	4.8	80	1	100
WLL 8T	8	6.4	16.0	11.2	8	5.6	11.20	8.96	8.0	6.4	90	1	100
WLL 10T	10	8.0	20.0	14.0	10	7.0	14.00	11.2	10.0	8.0	100	1	100
WLL 12T	12	9.6	24.0	16.8	12	8.4	16.80	13.44	12.0	9.6	110	1	100
WLL 15T	15	12.0	40.0	28.0	15	14.0	21.00	16.8	15.0	12.0	125	1	100
WLL 20T	20	16.0	60.0	42.0	20	21.0	28.00	22.4	20.0	16.0	150	1	100
WLL 25T	25	20.0	50.0	35.0	25	17.5	35.00	28.0	25.0	20.0	180	1	100
WLL 30T	30	24.0	60.0	42.0	30	21.0	42.00	33.6	30.0	24.0	200	1	100
WLL 40T	40	32.0	80.0	56.0	40	28.0	56.0	48.8	40.0	32.0	200	1	100
WLL 50T	50	40.0	100.0	70.0	50	35.0	70.00	56.0	50.0	40.0	220	1	100
WLL 60T	60	48.0	120.0	84.0	60	42.0	84.00	67.20	60.0	48.0	220	1	100
WLL 80T	80	64.0	160.0	112.0	80	56.0	112.0	89.6	80.0	64.0	260	1	100
WLL100T	100	80.0	200.0	140.0	100	70.0	140.0	112.0	100.0	80.0	290	1	100

RATCHET TIE DOWN STRAP

HLF-RTD35/015



Size: 1.5" and 35mm Length: 4-12m
 Load Capacity: 1000kg/2200LBS
 Breaking Strength: 2000kg/4400LBS
 Material: Polyester Colour: Any Color
 End Fitting: Double J Hook/J Hook

HLF-RTD50/02-4000



Size: 2" and 50mm Length: 4-12m
 Load Capacity: 2000kg/4400LBS
 Breaking Strength: 4000kg/8800LBS
 Material: Polyester Colour: Any Color
 End Fitting: J Hook/Double J Hook

HLF-RTD50/02-5000



Size: 2" and 50mm Length: 4-12m
 Load Capacity: 2500kg/5500LBS
 Breaking Strength: 5000kg/11000LBS
 Material: Polyester Colour: Any Color
 End Fitting: J Hook/Double J Hook

HLF-RTD75/02-5000



Size: 3" and 75mm/ 4" and 100mm Length: 4-12m
 Load Capacity: 5000kg/11000LBS
 Breaking Strength: 10000kg/22000LBS
 Material: Polyester Colour: Yellow and Orange
 End Fitting: Double J Hook or Flat Hook

VD TYPE CHAIN HOIST



- This product can choose safety device, equipped with prevent overload protection function, it can not only run smooth, but also prevent damage of the host when lift heavy goods.
- Use guide chain plate device, prevent the reverse of chain.
- Increase the hand link, overcome the reverse of hand chain.

Capacity (T)	Lifting height (M)	Experimental load (KN)	Force of full load (N)	Hoisting chain diameter x number of hooks(mm)	Lift the lifting chain by 1 meter and pull the distance of the hand zipper strip(M)	Net weight (KG)	Additional weight per 1M lift(KG)	Dimensions(MM)					Packing Dimension (CM)
								A	B	C	D	K	
0.5	2.5	6.1	200(20.5)	6.0x1	33.3	8.4	1.7	137.5	137	270	35	28	22x15x19.5
1	2.5	12.3	320(32.5)	6.0x1	41.5	10.5	17	146.5	162	317	35.5	26	23x18x19.5
1.5	2.5	18.4	360(36.5)	8.0x1	55.6	15.5	2.3	170	183	399	45	32.5	28x21x24
2(S)	3	24.5	328(33.5)	8.0x2	83	14.6	3.4	146.5	189	440	42.5	32	25x20x19.5
2	3	24.5	365(37)	8.0x1	72.6	18.5	2.3	170	194	414	42.5	32	28x21x24
3	3	38.8	385(39)	8.0x2	111.2	21.2	3.7	170	220	465	50	37	32x21x26
5	3	61.1	435(44.3)	10.0x2	163.4	41.8	5.3	190	288	618	64	46	40x21x26
7.5	3	91.9	435(44.3)	10.0x3	245.1	61.6	7.5	190	377	768	64	46	50x41x21
10	3	122.5	435(44.3)	10.0x4	326.8	81.7	9.7	190	384	798	85	50	50x41x21
20	3	235.2	435x2(44.3x2)	10.0x8	327x2	173	19.4	209	625	890	110	81	64x38x64
30	3	367.5	435x2(44.3x2)	10.0x12	490.2 x2	238.5	28.2	312	691	1380	110	81	72x50x68

HS-C TYPE CHAIN HOIST

The Hand Chain Hoist features a simple, efficient and economical design. Its compact design, low headroom and lightweight steel construction makes this hoist easy to install and operate, even in confined spaces.

Features and benefits include:

- High elastic spring with double pawl brake system design featuring stable operation and smooth braking. It is all significant for improving the security and dependability of the braking system through designing dust cover of the braking
- Double chain guide mechanism in flange load sheave and guide roller facilitate smooth movement of the load chain.
- Rolled-edge hand wheel cover. This provides smooth operation of the hand chain when pulled sideways.
- Light weight and easy handling.
- High efficiency and small hand pulling.



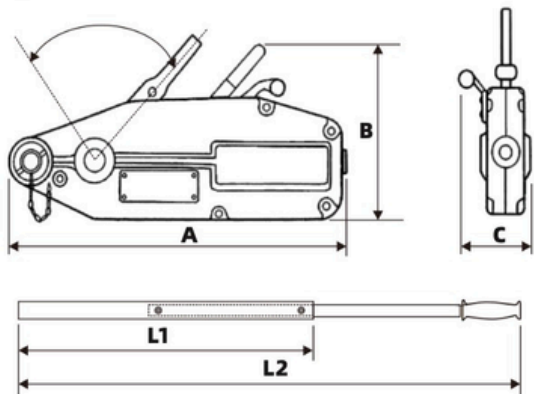
Model	Capacity(T)	Standard lifting height(M)	Running test load(T)	Number of Chain Rows	Diameter of round steel for lifting chain(MM)	Dimensions(MM)				Net weight(KG)
						A	B	C	D	
HS-C 0.5T	0.5	2.5	0.75	1	6	125	111	24	134	8
HS-C 1T	1	2.5	1.5	1	6	147	126	28	154	10
HS-C 1.5T	1.5	2.5	2.25	1	8	183	141	34	192	16
HS-C 2T	2	2.5	3	2	6	147	126	34	154	14
HS-C 3T	3	3	4.5	2	8	183	141	38	192	24
HS-C 5T	5	3	7.5	2	10	215	163	48	224	36
HS-C 10T	10	3	12.5	4	10	360.5	163	64	224	68
HS-C 20T	20	3	25	8	10	585	191	82	224	156

NHS WIRE ROPE PULLING HOIST



This product is widely used in large oil fields, ports, outdoor engineering operations according to the installation, road rescue and so on. It is especially suitable for use in the field without a power source. hand traveling cranes, and jib cranes.

Specification



Mode	NHS-0.8	NHS-1.6	NHS-3.2	NHS-5.4
A	426	545	660	930
B	235	280	325	480
C	64	97	116	152

Item\Mode	NHS-0.8	NHS-1.6	NHS-3.2	NHS-5.4
Rated capacity (t)	0.8	1.6	3.2	5.4
Rated capacity (N)	343	441	441	745
Rated forward travel (mm)	>52	>55	>28	>30
Rope diameter (mm)	8.3	11	16	20
Wire rope safety factor load capacity	5	5	5	5
Safety factor & static load capacity	5	5	5	5
Max travelling load	1200	2400	4000	8000
Net weight	6.5	12.5	28	56.5
L1 (cm)	—	80	80	68
L2 (cm)	80	120	120	112

YS TYPE PERMANENT MAGNET LIFTER



- Made of neodymium iron boron magnets using the latest technology.
- New series, strong suction, less residual magnetism and light weight.
- Permanent magnet manufacturing, never demagnetizing, no need of power, avoiding the danger of power failure and the trouble of connecting circuits.
- 2.5 times safety factor, super strong magnetic force, higher safety and greater efficiency when used.

Magnetic crane, also known as permanent magnet lifter, has small volume, stronger holding force, almost zero residual magnetism and high safety factor. The permanent magnet chuck is mainly used for lifting operation, for moving iron plates. Block and cylindrical magnetic conduction. This series of products adopts high-performance magnet materials for scientific magnetic circuit principle production. It has large suction force, small volume, light self-care, easy operation and simple operation. It abandons the complicated cumbersome electromagnets and needs to provide power supply. It is a kind of The ideal spreader to save energy. It is suitable for lifting and handling of normal temperature steel plates in shipbuilding, engineering machinery, automobile and other industries, and is widely used in factories docks warehouses and transportation industries.

Model	Lifting Capacity (kg)	Max Breakaway Force(kg)	Dimensions(mm)			Net weight(kg)	Gross Weight(kg)
			L	B	H		
YS-100	100	250	128	63	74	3	3.2
YS-200	200	500	155	63	74	4	4.2
YS-400	400	1000	200	90	95	9.2	10.5
YS-600	600	1500	255	110	120	18.3	21.5
YS-1000	1000	2500	320	140	135	34.2	36.5
YS-1500	1500	3750	390	140	135	43	46
YS-2000	2000	4000	406	160	168	64	67
YS-3000	3000	6500	500	165	168	82	86
YS-5000	5000	12000	585	230	220	198	207
YS-10000	10000	20000	880	235	295	425	438

