

MAZKO ENTERPRISES



PRODUCT CATALOG

Comprehensive catalog showcasing innovative, high-quality products along with technical specifications.

WWW.MAZKO.IN

MAZKO Enterprises Mumbai, India



Based in Mumbai, Mazko Enterprises is an experienced distributor specializing in lifting, rigging-mooring, material-handling & marine-safety solutions. Our portfolio spans more than 1,500+ products across 10 categories, including wire ropes, shackles, lifting tackles, hoists, slings, and a comprehensive range of marine and safety equipment. As an authorized partner of industry leaders such as Columbus McKinnon, we are committed to delivering reliable, certified, and performance-driven solutions that support the operational needs of our clients. Our focus remains on quality, safety, and long-term value in every product we supply.

About Us

At Mazko Enterprises, our story began in 1955, with a drive to rethink what rigging hardware could be. Founded by seasoned professionals who understood the real-world demands of lifting and securing heavy loads, we set out to create solutions that don't just meet standards—they redefine them. Through extensive R&D, collaboration with engineers, and rigorous testing, we built a range of solutions that deliver unwavering safety, superior durability, and consistent performance across industries.



***Your trusted partner in Rigging,
Mooring & Material Handling
Solutions.***

Table of Contents

- **Rigging Solutions**

- Shackles
- Turnbuckles
- Rope Clips
- Hooks
- Links & Bolts

- **Mooring Solutions**

- Atlas
- Fusion
- Fusion Plus
- Ultima
- Ultra Flex
- Ultra Flex Lite

- **Safety Solutions**

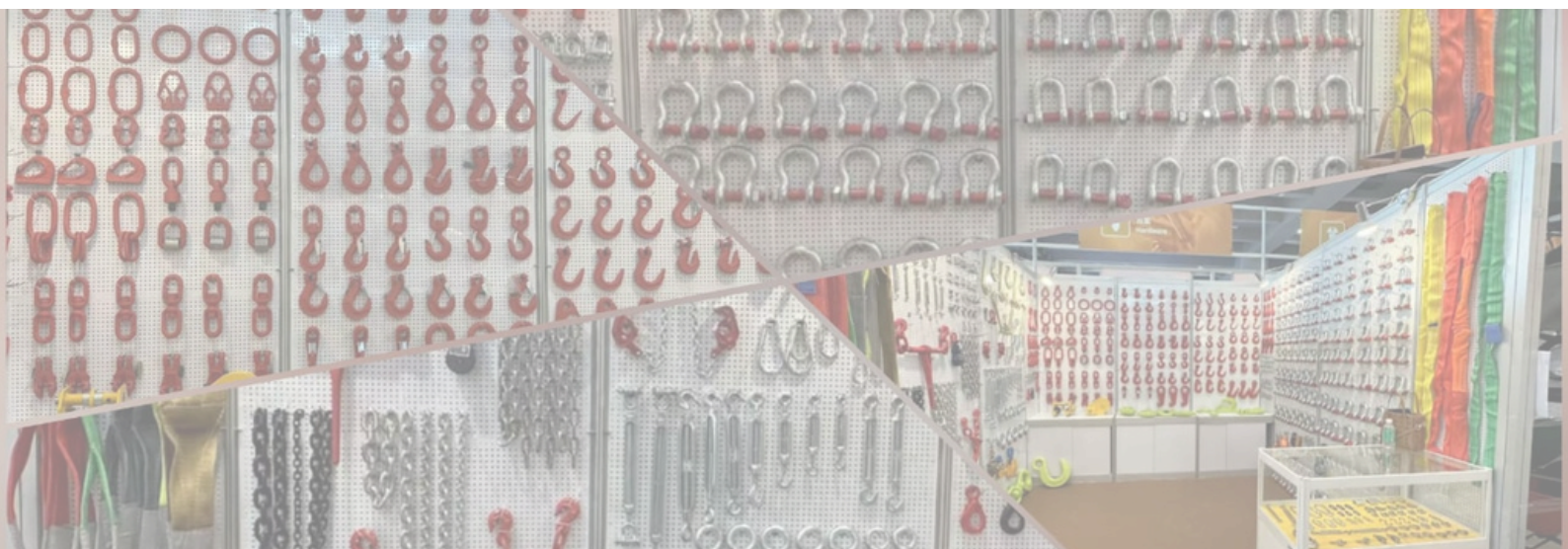
- Fall Protection
- Head & Face Protection
- Eye & Ear Protection
- Foot Protection

- **Lifting & Material Handling**

- Clamps
- Grabs
- Chain Hoists
- Wrench Hoists
- Electric Chain Hoists
- Wire Rope Hoists
- Heavy Duty Winches
- Transfer trucks
- Stacker Series
- Outdoor Cranes
- Indoor Cranes

- **Marine Solutions**

- Safety Equipment
- Pneumatic & Electrical Tools
- Hand Tools
- Cloth & Linen Products
- Painting Equipment
- Petroleum Products
- Hardware
- Nautical Equipment
- Electrical Equipment
- Packing & Jointing
- Welding Equipment





RIGGING SOLUTIONS

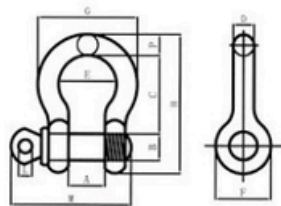
U.S. TYPE ANCHOR SHACKLES



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

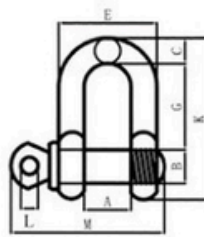


G-210



G-2150

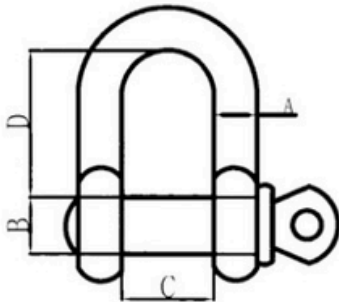
Screw pin chain shackle meet the requirements of Federal Specification RR-C-271D Type IVB, Grade A, Class 2



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

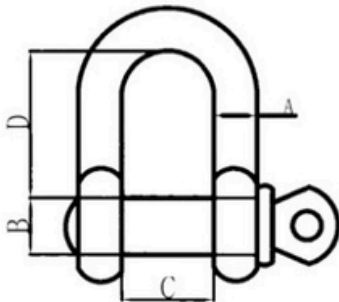
Nominal Size (in)	WLL (t)	Weight Each (kg)	Dimensions(mm)										Tolerance +/-	
			A	B	C	D	E	F	G	K	L	M	G	A
1/4	0.5	0.05	11.9	7.85	6.35	6.35	24.6	15.5	22.4	40.4	4.85	35.1	1.50	1.50
5/16	0.75	0.08	13.5	9.65	7.85	7.85	29.5	19.1	26.2	48.5	5.60	42.2	1.50	1.50
3/8	1	0.13	16.8	11.2	9.65	9.65	35.8	23.1	31.8	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



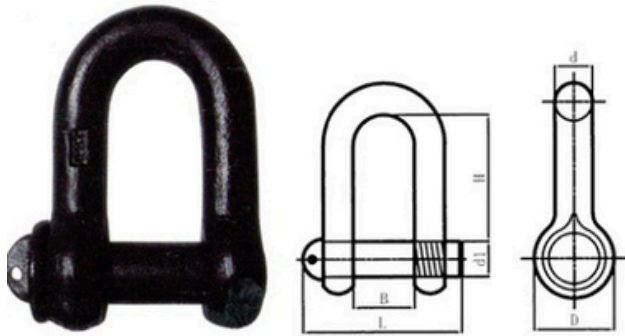
SIZE	Dimensions (mm)				WLL	WEIGHT (kg)
	A	B	C	D		
M6	6.8	6.5	16.5	25.0	0.02T	0.037
M8	7.0	6.7	16.5	29.0	0.05T	0.045
M10	8.9	9.0	20.0	35.0	0.1T	0.081
M12	9.1	11.0	26.0	50.0	0.2T	0.141
M14	11.3	12.0	25.1	52.0	0.5T	0.2
M16	14.0	15.0	28.4	54.0	0.8T	0.34
M18	15.2	16.5	30.0	63.0	1T	0.5
M20	17.5	19.0	32.0	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



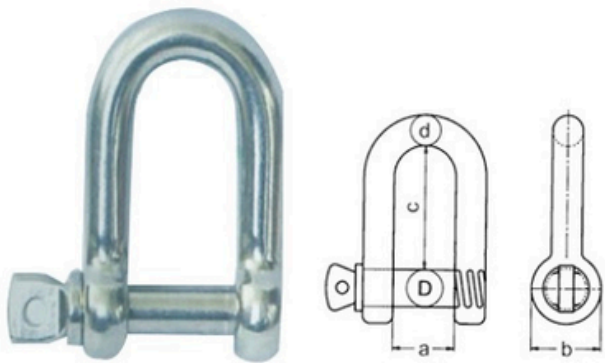
SIZE	Dimensions(mm)				WLL	WEIGHT (kg)
	A	B	C	D		
0.5T	12	13.0	20.0	35.0	0.5T	0.187
0.9T	14	15	22	47	0.9T	0.248
1.1T	14	15	27.0	51.0	1.1T	0.339
1.4T	15	18	32.5	66	1.4T	0.484
1.8T	16	20.5	35.2	70	1.8T	0.62
2.1T	18	21.5	39	78	2.1T	0.805
2.7T	21.5	24.8	40	82	2.7T	1.265
3.3T	25	27	49	101	3.3T	1.92
4.1T	28	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



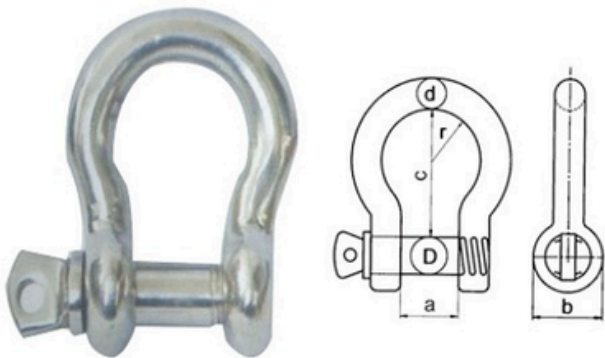
Size	Dimensions (mm)				
(t)	dl	d	L	B	H
0.9	M16	12	65	24	60
1.4	M20	16	86	32	80
2.1	M24	20	101	36	90
2.7	M27	22	111	40	100
3.3	M30	24	123	45	110
4.1	M33	27	137	50	120
4.9	M36	30	153	58	130
6.8	M42	36	176	64	150
9.5	M48	42	197	70	170
10.7	M52	45	218	80	190
16	M64	52	262	99	235
20	M76	65	321	100	256

EUROPEAN TYPE LARGE DEE SHACKLE



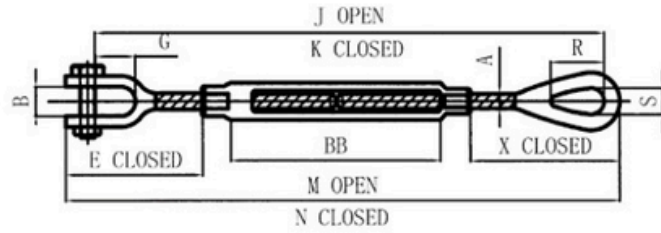
SIZE	SWL kg	D MM	d MM	a MM	c MM	b MM	WEIGHT PER 100 PCS (kg)
5	80	5	5	10	19	11	1.85
6	100	6	6	13	25	11	3.3
8	200	8	8	16	32	18	6.8
10	320	10	10	19	38	20	12.6
12	520	12	12	25	51	26	23
16	800	16	16	32	64	33	48.5
20	1100	20	20	38	76	40	78
22	1500	22	22	44	89	50	126
25	2100	25	25	51	100	57	194
28	3000	28	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

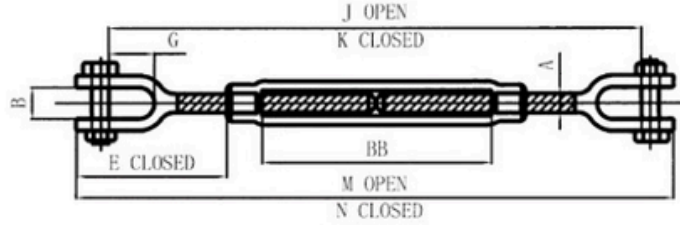


Drop Forged, Quenched and Tempered
Hot Dipped Galvanized

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
1/4*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 1/9*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



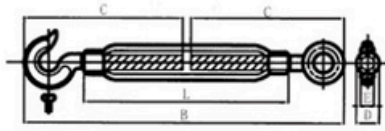
Drop Forged, Quenched and Tempered

Hot Dipped Galvanized

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

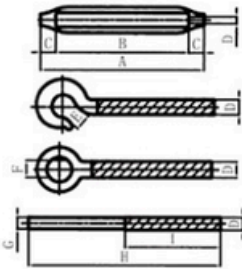
Size(in)	WLL(T)	Weight(KG)	Dimensions(mm)								
			A	B	E Closed	G	J Open	K Closed	M Open	N Closed	BB
1/4*4	0.23	0.16	6.35	11.4	40.1	15.7	277	175	302	201	102
5/16*4.1/2	0.36	0.24	7.85	12.7	50.5	22.1	314	212	353	239	114
3/8*6	0.54	0.37	9.65	13.7	54.0	22.1	410	258	441	289	152
1/2*6	1.00	0.71	12.7	16.5	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



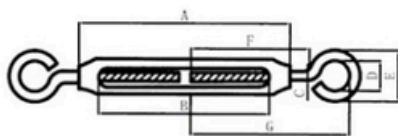
Size (mm)	WLL (kg)	Dimensions(mm)						Weight (lbs)
		B	C	D	E	F	L	
6x100	100	145	215	12	10	6	100	0.35
8x125	200	185	280	14	12	8	125	0.53
10x150	300	210	325	16	14	9	150	0.79
12x200	500	275	430	19	18	11	200	1.41
16x250	1000	345	540	23	24	14	250	3.18
20x300	1500	435	670	28	26	18	300	4.96
22x330	2200	480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

JIS TYPE FRAME TURNBUCKLES



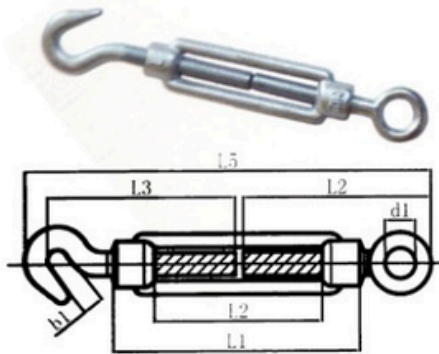
Size(D)		BodyOnly						Eye&Eye			Hook&Eye		Hook & Hook			WithStubs			
		A	B	C	T.L	W/PC	F	T.L	W/PC	T.L	W/PC	E	T.L	W/PC	H	I	G	W/PC	
mm	in	mm	in	mm	mm	t	lbs	mm	t	lbs	t	lbs	mm	t	lbs	mm	mm	mm	lbs
6	1/4	100	4	78	11	1	2.21	10	0.1	0.3	0.04	0.25	9	0.04	0.25	80	50	5.3	11.69
8	5/16	125	5	100	12.5	1.2	2.65	12	0.2	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



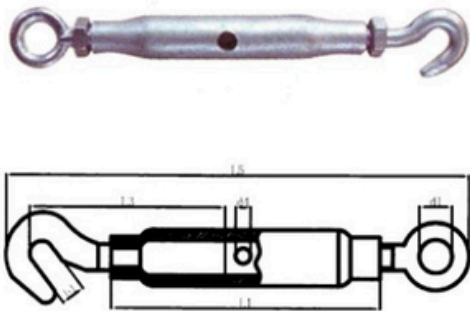
Size(in)	Dimensions(mm)							Weight(lbs)
	A	B	C	D	E	F	G	
3/16"	57.4	41.2	41.5	18.4	15	36	54.6	66
5/16"	90	70	8	11	22	65	95	320
3/8"	160	130	9	17	30	85	130	761
1/2"	190	155	10	20	30	95	150	1236
1/2"(Long)	255	215	10	30	35	140	190	1743
5/8"	250	200	15	25	45	130	190	2471
5/8"(Long)	350	300	15	30	45	180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



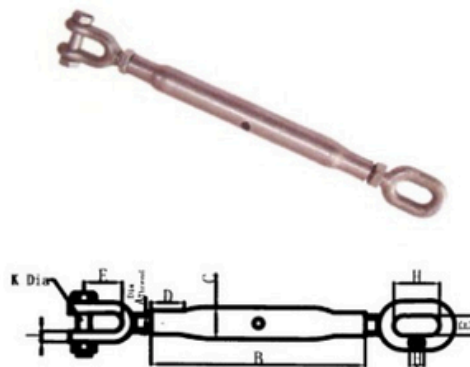
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	L1	L2	L3	bl	L4	d1	L5	
M6	110	80	85	8.5	80	9	172	21.0
M8	110	75	85	11	84	10	182	36.4
M10	125	85	112	13.5	105	14	213	64.0
M12	125	80	117	15.5	115	16	238	94.9
M14	140	90	122	18.5	122	18	263	136.8
M16	170	110	138	19	165	22	320	203.0
M20	200	130	170	20.5	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



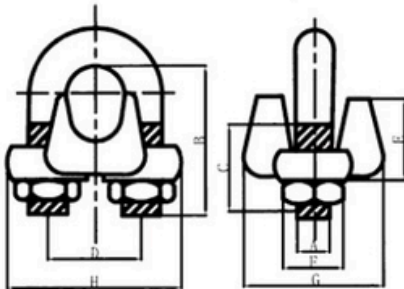
Size (mm)	Dimensions (mm)									Weight 100pcs (lbs)
	Body Length L1(mm)	Adjustable (mm)	d4	Hook		Eye		Total Length Screwed in L5		
				L3	bl	L3	d1			
M6	110	90	6	85	8.5	80	9	172	25.6	
M8	110	85	8	85	11	84	10	182	41.92	
M10	125	95	8	112	13.5	105	14	213	68.4	
M12	125	90	10	117	15.5	115	16	238	92.67	
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



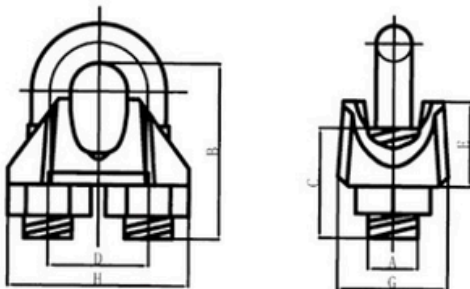
WLL (m. t)	Dimensions(mm)									Weight (lbs)	
	Dia Screw A	Length of Body B	Dia of Body C	D				E			
				JAW Length				OVALEYE Inside			
				Dia D1	DiaPin D2	Length D3	Hidht D4	Dia E1	Length E2		Hidht E3
0.1	6	102	12	3	5	15	7	6	15	8	0.24
0.15	88	110	15	4	6	16	9	7	19	10	0.5
0.375	10	152	21	5	8	21	11	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



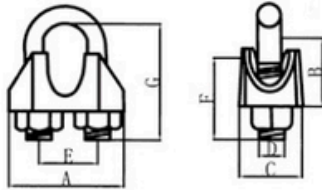
Size (in)	Dimensions(in)								Weight 100pcs(lbs)
	A	B	C	D	E	F	G	H	
1/8	0.22	0.72	0.44	0.47	0.37	0.38	0.81	0.99	6
3/16	0.25	0.97	0.56	0.59	0.50	0.44	0.94	1.18	10
1/4	0.31	1.03	0.5	0.75	0.66	0.56	1.19	1.43	19
5/16	0.38	1.38	0.75	0.88	0.73	0.69	1.31	1.66	28
3/8	0.44	1.5	0.75	1	0.91	0.75	1.63	1.94	48
7/16	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



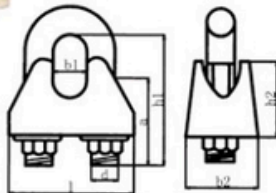
Size (in)	Dimensions(in)							Weight 100pcs (lbs)
	A	B	C	D	E	G	H	
1/8	1/4	13/16	1/2	1/2	7/16	1/2	15/16	3.3
3/16	1/4	31/32	5/8	9/16	1/2	9/16	11/16	6.6
1/4	5/16	17/32	7/8	11/16	5/8	11/16	13/8	11.42
5/16	5/16	17/32	7/8	11/16	11/16	11/16	13/8	13.1
3/8	3/8	15/8	1	7/8	13/16	7/8	15/8	22
7/16	3/8	15/8	1	7/8	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



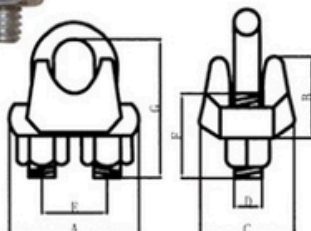
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	A	B	C	D	E	F	G	
3	21	10	10	4	9	12	16.6	3.09
5	23	10	11	5	11	13	19.65	3.3
6.5	26	11	12	5	13	15	23.65	4.63
8	30	15	14	6	16	19	28.85	9.04
10	34	17	18	8	19	22	35	15
11	36	18	19	8	20	22	37	15.87
13	40	21	23	10	24	30	46.24	28.7
14	44	22	23	10	25	30	48.24	29.76
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



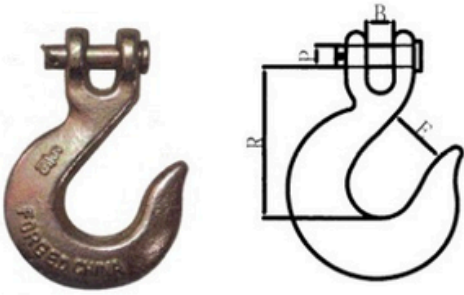
Size (mm)	Dimensions(mm)							Weight 100pcs(lbs)
	a	b1	b2	d	h1	h2	l	
5	13	7	13	5	25	13	25	5
6.5	17	8	16	6	32	14	30	9
8	20	10	20	8	41	18	39	18
10	24	12	20	8	46	21	40	20
13	30	15	28	12	64	29	55	61
16	35	18	32	14	76	35	64	95
19	36	22	32	14	83	40	68	108
22	40	24	34	16	96	44	74	150
26	50	26	38	20	111	51	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



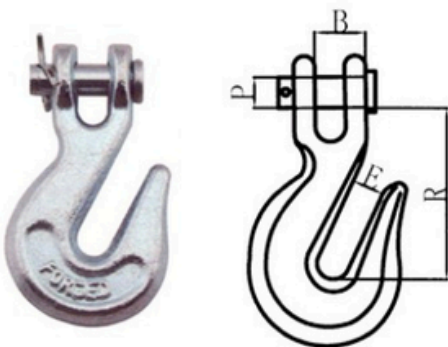
Size (in)	WLL(lbs)		Dimensions(in)				Weight (lbs)
	H-331	A-331	B	E	P	R	
1/4"	19 50	2750	0.44	0.94	0.38	2.56	0.50
5 / 16"	2875	4300	0.50	1.66	0.44	2.87	0.75
3 / 8"	4000	52 50	0.59	1.31	0.47	3.25	1.20
7/16"	5000	7000	0.66	1.56	0.56	3.70	2.06
1 / 2"	6500	9000	0.75	1.69	0.63	4.00	2.80
5/8"	92 50	13500	0.91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



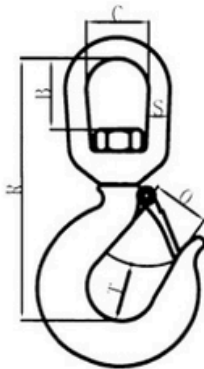
Size (in)	WLL(lbs)		Dimensions (in)				Weight (lbs)
	H-330	A-330	B	E	P	R	
1/4"	2600	3600	0.36	0.40	0.38	1.97	0.40
5/16"	3900	5400	0.40	0.44	0.44	2.26	0.79
3/8"	5400	7500	0.48	0.50	0.47	2.63	1.00
7/16"	7200	10000	0.66	0.56	0.56	2.75	1.50
1 / 2"	9200	12750	0.75	0.66	0.63	3.19	2.10
5/8"	12750	19000	0.91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



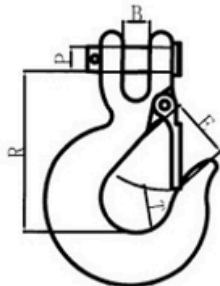
WLL(t)		Dimensions (in)				Weight(lbs)
320C	320A	B	R	O	T	
1/2	3/4	0.63	2.8	0.81	0.65	0.37
3/4	1	0.75	3.22	0.88	0.81	0.57
1	1 1/2	0.91	3.66	0.97	0.81	0.77
1 1/2	2	1.12	4.09	1	0.84	1.28
2	3	1.25	4.69	1.12	1.19	1.73
3	4 1/2	1.56	5.78	1.34	1.38	3.66
5	7	2	7.38	1.69	1.78	7.19
7 1/2	11	2.44	9.06	2.06	2.12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

SWIVEL HOOKS 322A/C



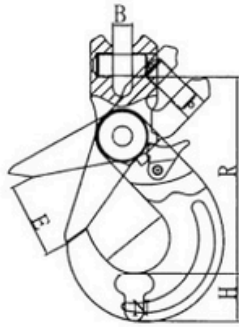
WLL(t)		Dimensions (in)						Weight (lbs)
322C	322A	B	C	O	R	S	T	
3/4	1	0.93	1.25	0.88	4.47	0.37	0.8	0.77
1	1 1/2	1.31	1.5	0.97	5.28	0.5	0.8	1.27
1 1/2	2	1.62	1.75	1	6	0.62	0.84	2.28
2	3	1.56	1.75	1.125	6.37	0.62	1.19	2.60
3	4 1/2	1.75	2	1.34	7.4	0.75	1.37	4.81
5	7	2.31	2.5	1.69	9.59	1	1.78	10.40
7 1/2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



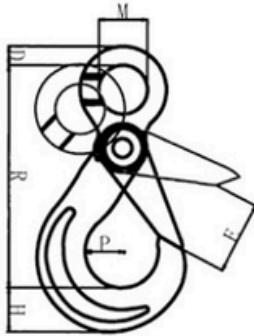
Size (in)	WLL(lbs)		Dimensions (in)					Weight (lbs)
	Carbon	Alloy	B	E	P	R	T	
1/4"	1950	2750	0.44	0.79	0.38	2.56	0.79	0.52
5/16"	2875	4300	0.50	0.93	0.44	2.87	0.79	0.77
3/8"	4000	5250	0.59	1.14	0.47	3.25	1.02	1.23
7/16"	5000	7000	0.66	1.18	0.56	3.70	1.06	2.10
1/2"	6500	9000	0.75	1.42	0.63	4.00	1.38	2.85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

G80 CLEVIS Self-locking HOOK



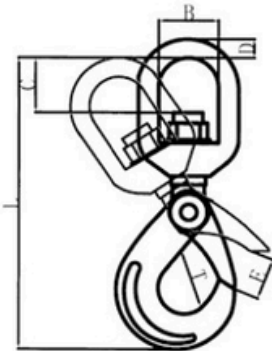
SIZE(mm)	WEIGHT (KG) 单重	WLL(T) 工作拉力	B. L (T)	E±2	B+0.5	H+1	N ±1.5	R
6-8	0.5	1.12	4.48	29	8.5	19.5	34	95.5
7/8-8	0.8	2	8	34	9.5	24	46	121
10-8	1.5	3.15	12.6	44	12	30	56	146
13-8	2.8	5.3	21.2	52	15	40	69	182
16-8	5.6	8	32	60	18	50.5	86	218
20-8	7.5	12.5	50	83	25	55	100	240
22-8	11.5	15	60	88	25.5	67	98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



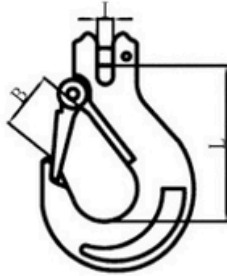
Size(mm)	Weight (lbs)	WLL(t)	B. L(t)	Dimensions(in)					
				M	R	D	P	H	E
6-8	1.1	1.12	4.48	22	110.5	10	34	19.5	28
7/8-8	1.8	2	8	25	136	12	46	24	34
10-8	3.2	3.15	12.6	32	171	15	56	30	44
13-8	6.3	5.3	21.2	40.5	208.5	19.5	69	40	52
16-8	12.4	8	32	56	257.5	22	86	50.5	60
18/20-8	16.8	12.5	50	64.5	275	27	100	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



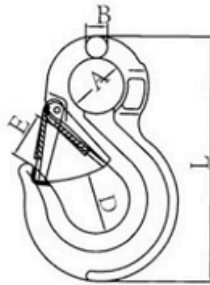
Size (mm)	Weight (lbs)	WLL(t)	B. L(t)	Dimensions in)					
				B	C	D	L	T	E
6-8	1.6	1.12	4.48	32.5	22	11.25	170	34	29
7/8-8	2.4	2	8	35.5	26	12.5	210	46	34
10-8	4.4	3.15	12.6	42	34	15	247	56	44
13-8	8.8	5.3	21.2	50	38.5	16	302	69	52
16-8	16.1	8	32	61	55	21.5	383	86	60
18/20-8	25.6	12.5	50	72	61	26	418	100	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



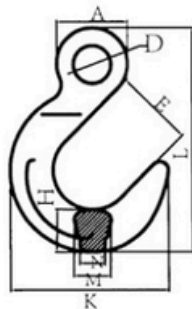
Size(mm)	Chain Size(mm)	WLL(t)	Test Load(t)	Die B	mensions(mm)		Weight (lbs)
					L	I	
6-8	5-6	1.1	2.2	22	73	6.7	0.66
7/8-8	7-8	2	4	25.5	86	8.7	1.21
10-8	10	3.15	6.3	30.8	105	10.2	2.32
13-8	13	5.3	10.6	41	128	15.3	4.19
16-8	16	8	16	50	155	19	7.83
20-8	19-20	12.5	25	60	184	21	13.04
22-8	22	15	30	71	222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

G80 EYE SLING HOOK



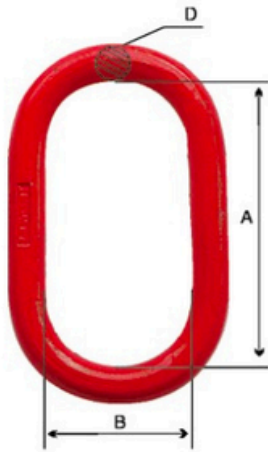
SIZE(mm)	WEIGHT (KG) 单重	WLL(T) 工作拉力	B. L(T)	B+1	E+1	D±1	A+1	L+2
6-8	0.3	1.12	4.48	9	24	21	20	108
7/8-8	0.4	2.0	8.0	11	30	26	25	133
10-8	0.9	3.15	12.6	15	34	39	38	167
13-8	1.7	5.3	21.2	19	39	54	43	213
16-8	3.2	8	32	23	46	64	50	255
20-8	5.8	12.5	50	24	40	80	62	305
22-8	8.5	15	60	32	71	80	62	348
26-8	13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

MASTER LINK



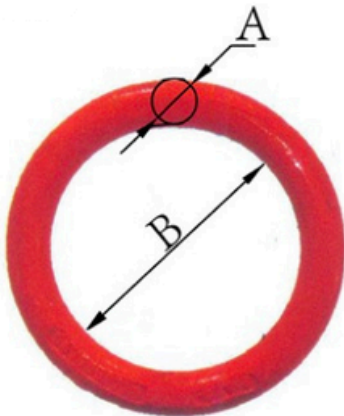
ITEM NO.in	WEIGHT/KG	WLL / T	B. L / T	Amm	Bmm	Dmm
1/2	0.42	2.2	11	127	63.5	14
5/8	0.67	3.0	15	152	76	16
3/4	1.05	4.7	23.5	140	70	19
7/8	1.5	6.4	32	162	91	23
7/8	2.66	8	40	178	89	22
1	2.07	11	55	220	110	32
1-1/4	4.16	16	80	270	140	38
1-1/2	6.55	21.7	108.5	305	152	45
1-3/4	11.37	28.4	142	350	190	50
2	16.5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

MASTER LINK ASSEMBLY



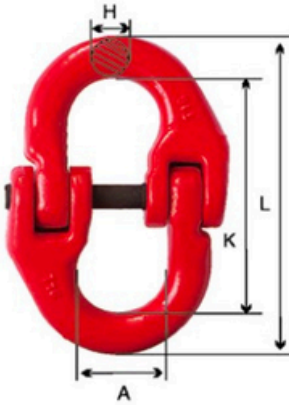
ITEMNO.	WEIGHT/KG	CHAIN(4:1)		CHAIN(5:1)		A	B	D	a	b	d	s
		WLL/T	B.L/T	WLL/T	B.L/T							
1/2	0.82	2.4	9.6	2	10	100	60	14	85	40	12	6
11/16	1.60	3.2	12.8	2.5	12.5	160	90	18	100	60	14	7.6
3/4	1.95	5	20	4	20	160	90	20	100	60	14	7.6
7/8	3.16	8	32	6.4	32	180	100	22	150	70	18	8.4
1-1/8	6.75	12	48	9.6	48	270	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



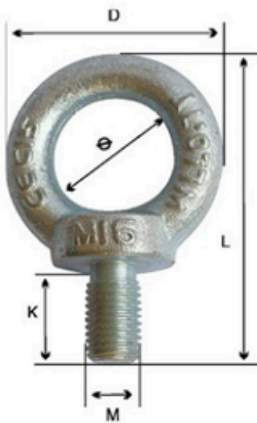
SIZE	WEIGHT (KG)	WLL	A	B
3/4*4	1.14	1.8T	19	102
7/8*4	1.6	3.5T	22	102
7/8*4	1.6	3.5T	22	140
1*4	1.6	4.5T	25	102
1-1/8*6	2.8	6.5T	28	152
1-1/4*6	3.6	9T	32	152
1-1/4*10	6	9T	32	254
1-1/2*6	5.4	10T	35	152
1-1/2*8	6.8	10T	38	203
1-1/2*10	8.4	10T	38	254

G80 EUROPEAN TYPE CONNECTING LINK



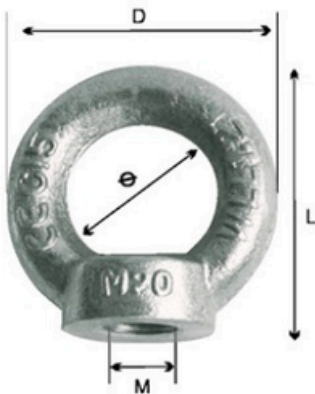
ITEM NO.	mm	WEIGHT/KG	WLL/T	B.L/T	Amm	Lmm	Kmm	Hmm
6		0.68	1.12	4.48	15	58	42	7
7		0.145	1.5	6	19	71.8	54.8	8.5
7-8		0.146	2	8	18	79.5	62.5	8.5
8		0.16	2	8	18	79.5	60.5	8.5
10		0.3	3.15	12.6	25	93	68	10.8
13		0.7	5.3	21.2	29	117	87	15
16		1.1	8	32	34.5	148	108.4	19.8
18		1.84	10	40	38	154	112	21
18-20		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



MOORING ROPES

ATLAS

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
20	0.18	18.18	40.00	6840	6.73	67.06
22	0.22	22.05	48.50	8370	8.24	82.10
24	0.26	26.00	57.20	10000	10.00	99.64
26	0.30	30.45	67.00	11250	12.06	120.17
28	0.35	35.45	78.00	13050	12.84	127.94
30	0.40	40.45	89.00	14850	14.62	145.67
32	0.46	46.00	101.20	17100	16.82	167.6
36	0.59	58.64	129.00	20970	20.63	205.56
40	0.72	72.00	158.40	26300	25.88	257.87

FUSION

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
32	0.46	45.90	100.98	20920	20.59	205.03
36	0.59	58.64	129.01	25706	25.30	251.99
40	0.72	71.82	158.00	32016	31.51	313.84
44	0.90	90.00	198.00	39727	39.10	389.44
48	1.04	104.00	228.80	46271	45.54	453.58
52	1.22	122.00	268.40	53515	52.67	524.59
56	1.42	142.00	312.40	61227	60.26	600.19
60	1.63	163.20	359.04	70107	69.00	687.24
64	1.85	185.00	407.00	79343	78.09	777.73
68	2.10	209.50	460.90	89625	88.21	878.52
72	2.34	234.00	514.80	99552	97.98	975.88
80	2.90	290.00	638.00	122688	120.75	1202.67
88	3.51	351.00	772.20	147225	144.90	1443.20
96	4.17	417.00	917.40	174100	171.35	1706.65

FUSION PLUS

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
32	0.69	68.50	150.70	31091	30.60	300
36	0.80	79.50	174.90	35765	35.20	345
40	0.97	96.60	212.52	43182	42.50	417
44	1.12	112.00	246.40	49888	49.10	482
48	1.28	128.00	281.60	56594	55.70	546
52	1.49	149.00	327.80	65230	64.20	630
56	1.69	169.00	371.80	73887	72.70	713
60	1.90	190.00	418.00	82401	81.10	796
64	2.11	211.00	464.20	91749	90.30	886
68	2.46	246.00	541.20	105669	104.00	1025
72	2.67	267.00	587.40	114813	113.00	1107
76	3.15	315.00	693.00	136150	134.00	1315
80	3.48	348.00	765.60	150375	148.00	1448
88	4.15	415.00	913.00	177808	175.00	1719
96	4.89	489.00	1075.80	208290	205.00	2014

ULTIMA

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
32	0.63	63	138.6	20006	19.69	196.85
36	0.8	80	176	24903	24.51	245.08
40	0.99	99	217.8	30004	29.53	295.28
44	1.2	120	264	35805	35.24	352.36
48	1.42	142	312.4	42003	41.34	413.39
52	1.66	166	365.2	48800	48.03	480.31
56	1.93	193	424.6	56004	55.12	551.18
60	2.21	221	486.2	630807	62.80	627.95
64	2.52	252	554.4	72007	70.87	708.66
68	2.86	285.5	628.1	80908	79.63	796.26
72	3.19	319	701.8	89900	88.48	884.84
76	3.57	356.5	784.3	99806	98.23	982.28
80	3.94	394	866.8	109804	108.07	1080.71
88	4.77	477	1049.4	130805	128.74	1287.40
96	5.68	568	1249.6	153910	151.48	1514.76

ULTRA FLEX

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
32	0.57	56.50	124.30	21500	21.16	211.61
36	0.71	71.40	157.08	26204	25.79	257.87
40	0.88	88.40	194.48	30705	30.22	302.17
44	1.08	108.00	237.60	37100	36.51	365.10
48	1.28	128.00	281.60	46291	45.56	455.61
52	1.50	150.00	330.00	54297	53.44	534.45
56	1.72	172.00	378.40	62802	61.81	618.11
60	1.99	199.00	437.80	72007	70.87	708.66
64	2.25	225.00	495.00	82605	81.30	812.99
68	2.55	255.00	561.00	92308	90.85	908.46
72	2.85	285.00	627.00	102001	100.39	100.94
76	3.18	318.00	699.60	113706	111.91	1119.00
80	3.52	352.00	774.40	125502	123.52	1235.00
88	5.02	502.00	1104.40	156004	153.54	1535.00
96	5.97	597.00	1313.40	185012	182.09	1820.00

ULTRA FLEX LITE

Diameter mm	Weight Kg/ Mtr	Weight kg/100mtr	Weight kg/220mtr	MBL IN KGF	MBL TONS	MBL KN
36	0.53	52.90	116.38	21134	20.80	204.00
40	0.73	72.20	158.84	30684	30.20	296.00
44	0.92	91.50	201.30	37086	36.50	358.00
48	1.06	106.00	233.20	43690	43.00	422.00
52	1.26	126.00	277.20	51310	50.50	495.00
56	1.45	145.00	319.00	58931	58.00	569.00
60	1.64	164.00	360.80	67060	66.00	647.00
64	1.88	188.00	413.60	76204	75.00	736.00
68	2.13	213.00	468.60	85856	84.50	829.00
72	2.37	237.00	521.40	96016	94.50	927.00
76	2.61	261.00	574.20	104653	103.00	1015.00
80	2.95	295.00	649.00	117861	116.00	1137.00
88	3.52	352.00	774.40	141230	139.00	1363.00
96	4.17	417.00	917.40	167648	165.00	1618.00



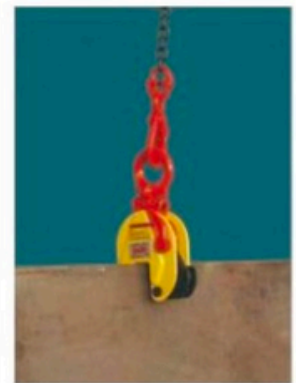
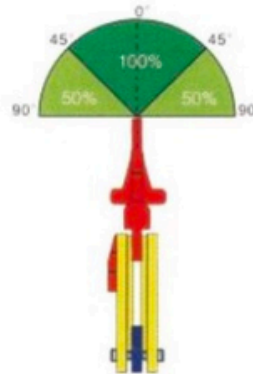
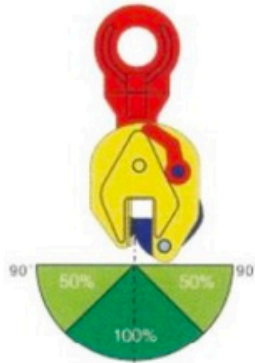
LIFTING & MATERIAL HANDLING

VERTICAL PLATE CLAMP



Working load limit(WLL)0.8-30T

- For lifting and transporting of steel plates and structures from all positions(horizontal. Vertical and sidelong).
- Articulated lifting shackle (CD type).
- Clamps are equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when as in open position. The clamp is locked in closed as well as in open position.
- Manufactured from high quality carbon steel.
- Forbidding overload.



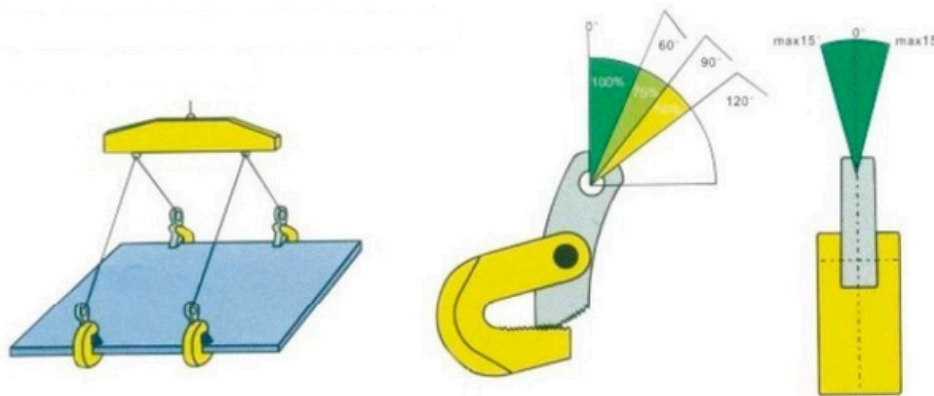
Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0001	CD0.8	0.8	0-15	2
GL-0002	CD1	1.0	0-15	4
GL-0003	CD1(B)	1.0	0-20	5
GL-0004	CD1.6	1.6	0-20	7
GL-0005	CD2	2.0	0-25	8
GL-0006	CD3.2	3.2	0-25	15
GL-0007	CD3.2(B)	3.2	0-30	15
GL-0008	CD5	5.0	0-30	21
GL-0009	CD5(B)	5.0	0-50	23
GL-0010	CD8	8.0	0-60	37
GL-0011	CD12	12.0	0-70	50
GL-0012	CD16	16.0	60-100	65
GL-0013	CD30	30.0	80-220	120



UNIVERSAL TYPE SHACKLE WITH CD

HORIZONTAL PLATE CLAMP

- Suitable for lifting and transport of steel plates, construction and profiled bar in horizontal position.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The working load limit is the maximum load that the clamp are authorized to support when used in pairs with a lift angle of 60. In lifting operations the clamps can be used in pairs or multiples.
- The main body and parts are made from die-forged special alloy steels, which are optimally tempered for maximum strength and durability.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0028	L0.8	0.8	0-15	2
GL-0029	L1	1.0	0-20	4
GL-0030	L1.6	1.6	0-25	6.5
GL-0031	L2.5	2.5	0-35	11
GL-0032	L2.5(B)	2.5	25-50	11
GL-0033	L3.2	3.2	0-40	12.5
GL-0034	L3.2(B)	3.2	30-60	12.5
GL-0035	L5	5.0	0-50	19
GL-0036	L5(B)	5.0	50-80	20
GL-0037	L10	10.0	20-80	43

HORIZONTAL LIFTING CLAMP

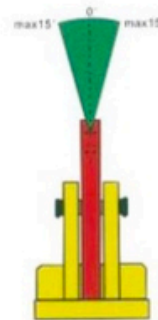
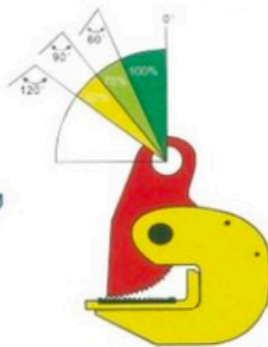
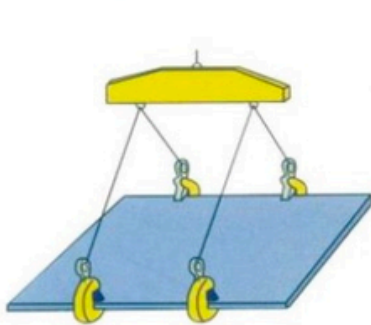


PDB



PPD

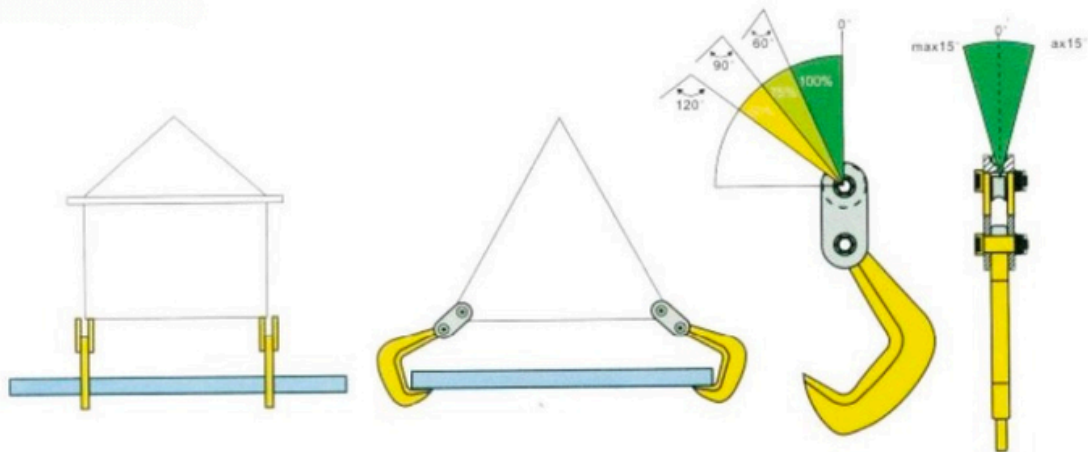
- Suitable for lifting and transport of steel plates, construction and profiled bar in horizontal position.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The working load limit is the maximum load that the clamp area authorized to support when used in pairs with a lift angle of 60° .
- In lifting operations the clamps can be used in pairs or multiples.
- The screw jaw of the body can be changed, also have a safety button.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0038	PDB0.8	0.8	0-25	2.5
GL-0039	PDB1	1.0	0-30	3.5
GL-0040	PDB1.6	1.6	0-30	4
GL-0041	PDB2	2.0	0-40	5
GL-0042	PDB3.2	3.2	0-45	6
GL-0043	PDB5	5.0	0-50	7.5
GL-0044	PDB8	8.0	0-80	10.5
GL-0045	PDB10	10.0	0-120	33
GL-0046	PDB16	16.0	50-150	50
GL-0047	PDB30	30.0	100-270	108

SINGLE STEEL PLATE CLAMP

- Suitable for lifting and transport single or multi steel plates.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading. Lifting beam must be in use.
- The roller at the head of the hook will not damage the sling rope.
- The working load limit is the maximum load that the clamps are authorized to support when used in pairs with a lift angle of 60°.
- In lifting operations four clamps must at least always be used. Automatic unloading.

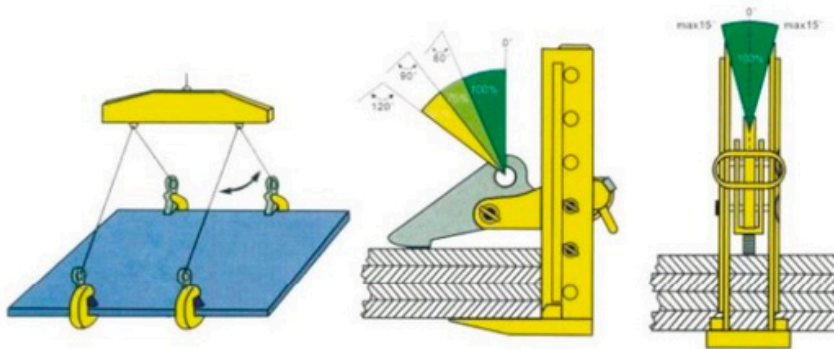


Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0048	QD1	1.0	/	/
GL-0049	QD2	2.0	0-90	5.1
GL-0050	QD3	3.0	0-130	12.5
GL-0051	QD5	5.0	0-150	16.5
GL-0052	QD10	10.0	0-200	30.5

PDK MULTI PLATE CLAMP



- Suitable for lifting and transport of multi steel plates.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The working load limit is the maximum load that the clamp are authorized to support when used in pairs with a lift angle of 60° .
- In lifting operations the clamps can be used in pairs or multiples.
- According to the plate can be suspended adjust the thickness of the clamp position of the tongue.

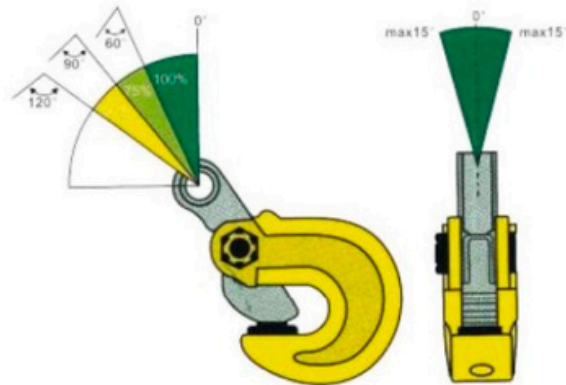
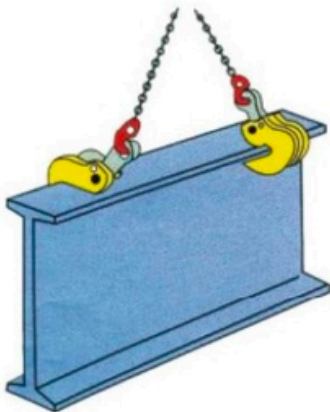


Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0053	PDK3	3.0	0-180	19
GL-0054	PDK4.5	4.5	0-240	26
GL-0055	PDK6	6.0	0-240	40
GL-0056	PDK8	8.0	0-240	51
GL-0057	PDK15	15.0	0-240	72

DFM TURN CLAMP



- For lifting and turn steel plate.
- From a mechanics point of view, these clamps have ideal designs, which are compact, lightweight, easy to use.
- The main body and parts are made from die-forged special alloy steels, which are optimally tempered for maximum strength and durability.
- The working load limited is applied in one piece, during lifting single could be in use for horizontal lifting and transport.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0067	DFM1	1.0	0-15	2.8
GL-0068	DFM2	2.0	0-20	5.8
GL-0069	DFM3	3.0	0-30	10
GL-0070	DFM5	5.0	0-50	15.5
GL-0071	DFM10	10.0	0-80	32

DRUM CLAMP



Working load limit(WLL)0.6T

- For lifting, handing and transporting of (oil) drums where the drum has to stay in a horizontal position.
- The drum clamp can be used single or per pair as well.
- From a mechanics point of view, these clamps have ideal designs, which are compact, lightweight, easy to use.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0098	YQC0.6	0.6	0-30	5

ROUND STOCK GRABS

Working load limit(WLL)0.5-5T

- For horizontal lifting and transporting of steel and concrete pipes.
- They are extremely easy and simple to use and make for safe lifting.
- Designed to pick up tubes, pipes and rolls or similar round stock material with a diameter of up to 320mm.
- Available with automatic open/close device.

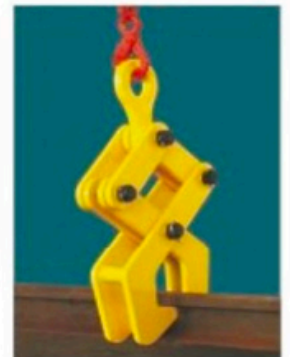


Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0099	YG0.5	0.5	50-100	3.2
GL-0100	YG1	1.0	50-100	4.1
GL-0101	YG2	2.0	80-150	16
GL-0102	YG3	3.0	120-240	32
GL-0103	YG5	5.0	200-350	104

TRACK CLAMP

Working load limit(WLL)1-3T

- For lifting and handing of rails.
- They are extremely easy and simple to use and make for safe lifting.
- Available with automatic open/close device.

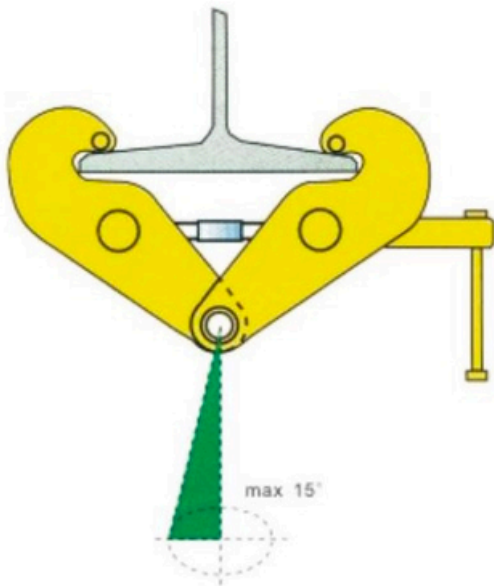


Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0104	YT1	1.0	20-100	6.1
GL-0105	YT2	2.0	50-130	14.5
GL-0106	YT3	3.0	100-150	17.6

BEAM CLAMP

Working load limit(WLL)1.5-5T

- For horizontal lifting and transporting of steel plates.
- The compact shape and relative light own weight with a high lifting capacity.
- The THK/THKS lifting clamps must always be used in pairs (or multiples thereof).
- THK has an enlarged jaw opening.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0115	YS/YC1	1.0	75-220	3.8/4.2
GL-0116	YS/YC2	2.0	75-220	4.6/4.8
GL-0117	YS/YC3	3.0	80-320	9.0/9.2
GL-0118	YS/YC5	5.0	80-320	11.0/11.2
GL-0119	YS/YC10	10.0	90-320	16.0/16.2

PALLET CLAMP

Working load limit(WLL)1-3T

- For pulling loaded pallets, heavy crates.
- Be picked up with forklift truck.
- Variable jaw width grabs pallet securely and automatically releases.
- From a mechanics point of view, these clamps have ideal designs, which are compact, light weight, easy to use.



Part No.	Model	WLL (tonnes)	Jaw Opening (mm)	Weight (kg)
GL-0146	MT1	1.0	30.-100	5
GL-0147	MT1.5	1.5	30-180	8.5
GL-0148	MT2	2.0	30-200	11
GL-0149	MT3	3.0	30-200	15

TURN CLAMP

Working load limit(WLL)1-3T

- For lifting and turn steel plate.
- From a mechanics point of view, these clamps have ideal designs, which are compact, lightweight, easy to use.
- The working load limited is applied in one piece, during lifting single could be in use for horizontal lifting and transport.



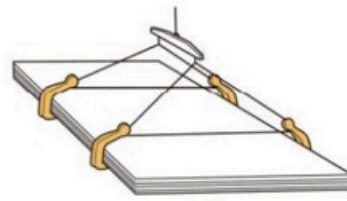
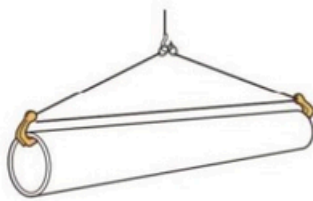
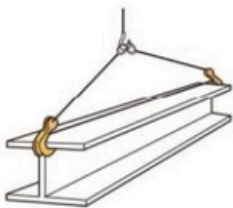
Model	WLL (tons) per pair	Jaw Opening (mm)	Weight (kg)
DFQ1.5	1.5	0-20	4.9
DFQ2.5	2.5	0-30	8.4
DFQ5	5.0	0-40	16.9
DFQ8	8.0	0-50	26
DFQ10	10.0	0-60	35.8
DFQ10	10.0	50-100	38
DFQ20	20.0	0-80	76

DOUBLE STEEL LIFTING CLAMP



Working load limit(WLL)1-7T

- Clamp for the horizontal lifting of "H" "I" "T", "L"* shaped structured steel and plate steel.
- Manufactured from high quality carbon steel.
- Avoid snatch or shock loading.
- The roller at the head of the hook will not damage the sling rope.
- The working load limit is the maximum load that the clamp is authorized to support when used in pairs with a lift angle of 60°. In lifting operations the clamps can be used in pairs or multiples.
- The sharp hook point is effective when inserting into a small clearance.



Model	WLL (tons)per pair	Jaw Opening (mm)	Weight (kg)
QS1	1.0	0-40	2
QS2	2.0	0-50	3.5
QS3.2	3.2	0-60	8
QS5	5.0	0-70	14.5
QS7	7.0	0-90	22.4

HSZ TYPE CHAIN HOIST



The HSZ series chain hoist adopts a symmetrical arrangement of two-stage spur gear transmission structure. It can be used in conjunction with monorail cranes to form a lifting and transportation trolley, used for monorail overhead transportation, or for manual single beam lifting and cantilever cranes. It is a widely used manual lifting machinery with a wide range of arches and belts.

It can be used for machine installation, cargo lifting, vehicle loading and unloading in industrial, agricultural, and mining industries, especially for outdoor and power free operations.



Product model	HSZ½	HSZ1	HSZ1½	HSZ2	HSZ3	HSZ5	HSZ10	HSZ20
Lifting capacity	0.5	1	1.5	2	3	5	10	20
Standard lifting height (m)	2.5	2.5	2.5	2.5	3	3	3	3
Experimental load (t)	0.625	1.25	1.875	2.5	3.75	6.25	12.5	25
Distance between hooks (mm)	270	270	368	444	486	616	700	1000
Pulling force when fully loaded (N)	225	309	343	314	343	383	392	392
Number of lifting chain rows (m)	1	1	1	2	2	2	4	8
Lifting chain diameter (mm)	6	6	8	6	8	10	10	20

HSH-VT TYPE HAND WRENCH HOIST

HSH-VT type hand wrench hoist forged after heat treatment alloy hook with safety latch. Symmetrical double pawl-Brake system, braking is more reliable. The lifting sprocket side adopts a roller. Needle bearings greatly increase the bearing capacity. Dial for precision casting block, with steel guide wheels to make the chain run smoother. 360Degree rotating lever handle and equipped with an environmentally friendly rubber sleeve. Optional ship-building hook and high-strength hook frame Fittings.



Model	0.75T	1T	1.5T	2T	3T	6T	9T
Rated lifting capacity (kg)	750	1000	1500	2000	3000	6000	9000
Lifting height (mm)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Test load (kg)	11.2	15	22.5	30	45	75	112.5
Pulling force (N)	140	185	230	251	285	385	390
Bracket tension	6	6	8	8	10	10	10
Rows	1	1	1	1	1	2	4
External dimensions A (mm)	153	153	166	175	195	195	195
B (mm)	86	96	100	105	112	112	112
H (mm)	130	130	150	160	202	242	312
F (mm)	38	38	48	48	50	65	81

ELECTRIC CHAIN HOIST



Electric chain hoist structure features: electric hoist products Structure, the body is made of high-strength stretched shell or die-cast aluminum shellbody, precision manufacturing using thin-wall extrusion molding process, volume Small, light weight, high strength. Standard electric chain hoist Equipped with independent gearbox system, sealed inside the gearbox two Stage coaxial transmission gear mechanism, using long-life oil bath run Slip system. Electric chain hoist powder metallurgy clutch for ultra Load protection device, brake using disc DC electromagnetic field braking.

The braking torque is large, smooth, rapid, and the noise is small.



Model	DHS-1	DHS-2	DHS-3	DHS-5	DHS-10	DHS-15	DHS-20
The shortest distance (m)	55	60	65	70	100	125	150
Rated lifting capacity (kg)	1000	2000	3000	5000	10000	15000	20000
Lifting speed (min)	2.25	1.85	1.1	0.9	0.45	0.45	0.45
Lifting height (m)	'3-12'	'3-12'	'3-12'	'3-12'	'3-12'	'3-12'	'3-12'
Disc motor model	YHPE 500-4	YHPE 750-4	YHPE 750-4	YHPE 750-4	YHPE 750-4	YHPE 750-4	YHPE 750-4
Motor power (W)	1380	1380	1380	1380	1380	1380	1380
Power supply voltage (V)	380	380	380	380	380	380	380

Miniature electric hoist



- The miniature electric hoist is smart in design and easy to use. When the limit baffle touches the limiter, the lifting opportunity automatically stops the job. The motor stops working automatically.
- Hoist Hook Design: It is divided into two states, dynamic loading and static loading.
- It is operated with a 220V power supply. The power cord is plugged in, easy to use.
- The hoist can be rotated 360 degree.



Model	PA200	PA300	PA400	PA500	PA600	PA800	PA1000	PA1200
Max load capacity	100/200 T	150/300 T	200/40 0T	250/500 T	300/60 0T	400/80 0T	500/10 00T	600/120 0T
Output power	480T	540T	950T	1050T	1200T	1450T	1600T	1750T
Lifting speed	10/5m/ min	10/5m/ min	10/5m/ min	10/5m/ min	10/5m/ min	10/5m/ min	10/5m/ min	10/5m/ min
Dimensions L×W×H (mm)	280×215 ×110	400×215 ×110	475×220 ×110	380×30 0×110	475×305 ×110	490×39 0×110	590×39 0×110	590×480 ×110
Weight (KG)	10.8	11.25	16	16.5	17.5	18.5	31	32
Voltage	220V	220V	220V	220V	220V	220V	220V	220V
Steel wire diameter	3mm	3mm	4mm	4mm	4.5mm	5mm	6mm	6mm

LOW HEADROOM ELECTRIC CHAIN HOIST

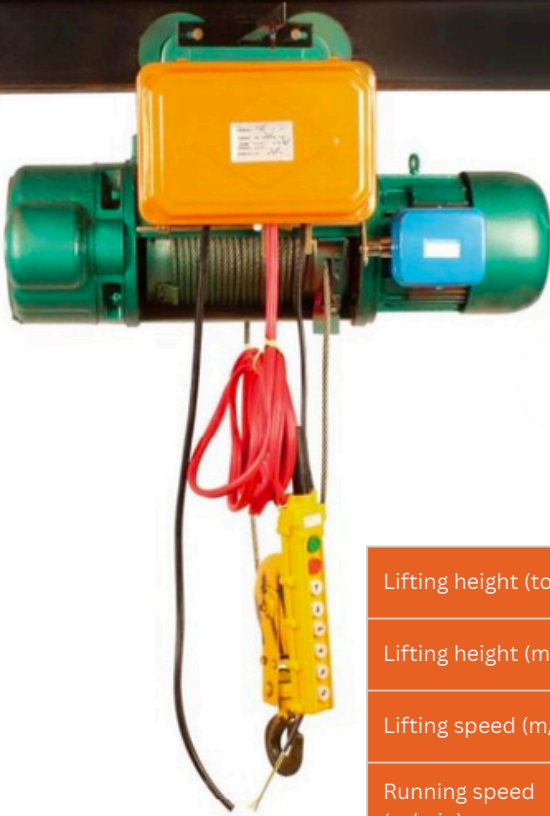


Structural characteristics of electric chain hoist:
 electric hoist product structure: The body is made of high-strength stretch shell or die-cast aluminum shell. Thin-wall extrusion molding process precision manufacturing, small size, light weight, High strength. The standard electric chain hoist has a separate gearbox-system, two-stage coaxial transmission gear mechanism inside the sealed gearbox, Long-life oil bath lubrication system. Electric hoist powder metallurgy The clutch is used as an overload protection device, and the brake adopts disc DC electromagnetism. Field braking, large braking torque, smooth.



Load rating (T)	0.5	1	1	2	2	3	3	3	5	7.5	10	15	20	25	32
Product Model (3m)	0.5-01	'01-01'	'01-02'	'02-01'	'02-02'	'03-01'	'03-02'	'03-03'	'05-02'	7.5-03	'10-04'	15-06	20-08	25-10	32
Lifting speed (m/min)	7.2	6.8	3.6	6.6	3.4	5.6	3.3	2.2	2.8	1.8	2.8	1.8	1.4	1.1	/
Running speed (m/min)	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1
Steel plate thickness (mm)	Φ6.3	Φ7.1	Φ6.3	Φ10.0	Φ7.1	Φ11.2	Φ10.0	Φ7.1	Φ11.2	Φ11.2	Φ11.2	Φ11.2	Φ11.2	Φ11.2	Φ11.2
Net weight (KG)	42/46	59/64	49/53	109/121	68/73	113/125	127/139	/	138/150	192/208	300/330	/	/	/	/

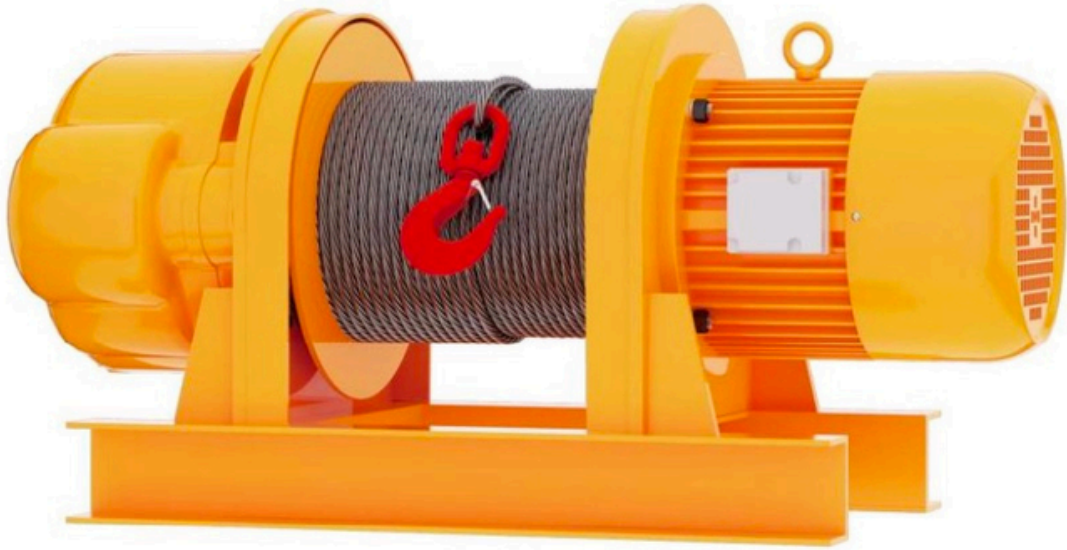
ELECTRIC WIRE ROPE HOIST



CD1/MD1 electric hoist product features: light weightSmall size, compact structure, many varieties and specifications, smooth operationSimple to make and easy to use. They can be on the same plane Straight, curved, cyclic overhead tracks are used, too It can be usedin electric single girder, manual single with I-beam as the track Beam, bridge, suspension, cantilever, gantry and other cranes Use. CD1/MD1 electric hoist is widely used in factories, Cargo terminals, power stations, logging yards and other occasions are lifted and moved The ideal lifting equipment for transporting goods.

Lifting height (ton)	0.5	1	2	3	5	10	
Lifting height (m)	'6-12'	'6-30'	'6-30'	'6-30'	'6-30'	'9-30'	
Lifting speed (m/min)	8(0.8)	8(0.8)	8(0.8)	8(0.8)	8(0.8)	7(0.7)	
Running speed (m/min)	20	20	20	20	20	20	
Wire rope diameter (mm)	4.8	7.4	11	13	15.5	15.5	
Working duty class (GB706-65)	16-28b	16-28b	20a-32c	20a-32c	25a-45c	32a-63c	
Minimum radius of circular track (m)	1.5	1.5-3.5	'2-4'	'2-4'	'2-4'	3-7.2	
Lifting Motor	Motor model	ZD21-4	ZD22-4	ZD31-4	ZD32-4	ZD41-4	ZD51-4
	Rated power	0.8	1.5	3	4.5	7.5	13
	Motor speed	1380	1380	1380	1380	1400	1400
	Rated current	2.2	4	7	10	16.5	28
Run the Motor	Motor model	ZDY11-4	ZDY11-4	ZDY12-4	ZDY12-4	ZDY21-4	ZDY21-4
	Rated power	0.2	0.2	0.4	0.4	0.8	0.8*2
	Motor speed	1380	1380	1380	1380	1380	1380
	Rated current	0.7	0.7	1.3	0.3	2.2	2.2*2
Weight (kg)	135-195	180-255	250-360	320-440	590-800	820-1125	

HEAVY-DUTY WINCH



The one-line electric hoist adopts internal push brake mount. The motor working brake device is separated, and the motor stops braking The device closes immediately, enabling rapid braking. Conventional styles can be divided into 1 ton, 2 tons, 3 tons, 5 tons, 10 tonstyp, other tonnage can be customized, wire rope length is 30-100m. It is widely used in large-scale construction sites, mines, and yards Head, electricity, bridges, warehouses and other long-term lifting dragging goodsWhere to use.

Product model	1T		2T		3T		5T	
Rated voltage (V)	380		380		380		380	
Power (KW)	1.5		3		4.5		7.5	
Rated lifting capacity (KG)	500	1000	1000	2000	1500	3000	2500	5000
Lifting speed (min)	16	8	16	8	16	8	16	8
Lifting height (m)	30-100		30-100		30-100		30-100	
Diameter (mm)	8		11		13		15	
Net weight (Kg)	80		130		160		260	
Wire diameter (#)	7.7		11		13		15	
Overall length (mm)	800		830		950		1100	
Front length (mm)	530		600		650		750	
Height (mm)	390		510		520		600	
Width (mm)	320		430		460		530	
Center distance (mm)	260		275		290		320	



ALUMINUM SHELL HOIST



It adopts Class E insulation, 100% pure copper wire wrap, aluminum metal shell, free from iron metal shell defects. Aluminum metal case It has fast heat dissipation, which greatly enhances the working efficiency and service life of the motor. The gear is heat treated and processed with high precision It has unique wear resistance, each gear is supported by bearings, strong and efficient, and the strength is generally several times that of the teeth. gearbox High-grade new bearings are selected inside, which has long bearing life, low resistance and low transmission sound.

Product model	CD-K1 300-600	CD-K1 300-600	CD-K1 350-700	CD-K1 350-700	CD-K1 500-	CD-K1 500-	CD-K1 600-1200	CD-K1 600-1200	CD-K1 700-1500
How to use	Single rope	Single rope	Single rope	Single rope	Single rope	Single rope	Single rope	Single rope	Single rope
	Double rope	Double rope	Double rope	Double rope	Double rope	Double rope	Double rope	Double rope	Double rope
Rated voltage	380V 50HZ	220V 50HZ	380V 50HZ	220V 50HZ	380V 50HZ	220V 50HZ	380V 50HZ	220V 50HZ	220V 50HZ
Power (KW)	1.7	3	2.2	3	2.2	2.2	3	3	4
Rated lifting capacity (KG)	300	300	350	350	500	500	600	600	750
	600	600	700	700	1000	1000	1200	1200	1500
Lifting speed (m/min)	24	28	24	24	14	14	14	14	14
	12	14	12	12	7	7	7	7	7
Lifting height (m)	1-100	1-100	1-100	1-100	1-100	1-100	1-100	1-100	1-100
	1-100	1-100	1-100	1-100	1-100	1-100	1-100	1-100	1-100
Wire rope diameter	5	5	5	5	6	6	6	6.3	7

MULTIFUNCTIONAL HOIST



Multi-function hoist is a newly developed product, multi-function hoist is not only electric The main functions of hoist and winch, and the design structure is simplified, the volume is reduced, convenient and practical, and safe The principle of reliability and equivalence is the latest new type of product developed and developed. Such as wire rope reverse lifting, hoist motorIt will automatically stop working, and the hook design of the hoist is divided into, and the hoist hook can rotate 360°.

Product model	How to use	Rated voltage (V)	Power (KW)	Rated lifting capacity	Lifting speed	Lifting height (M)	Steel wire diameter	Net weight (KG)
KM300-600	Single speed	380	0.6	300	14	30-60	5	32
	Double speed			600	7			
KM400-800	Single speed	220	1.8	400	10	30-100	6	34
	Double speed			800	5			
KM500-1000	Single speed	220	2.2	500	10	30-100	6	35
	Double speed			1000	5			
KM500-1000	Single speed	380	1.5	500	14	30-100	6	48
	Double speed			1000	7			
KM500-1000	Single speed (fast)	380	1.5	500	24	30-100	6	48
	Double speed (fast)			1000	12			
KM750-1500	Single speed	380	1.5	750	16	30-100	7.7	70
	Double speed			1500	8			
KM1000-2000	Single speed	380	3	1000	16	30-100	11	135
	Double speed			2000	8			

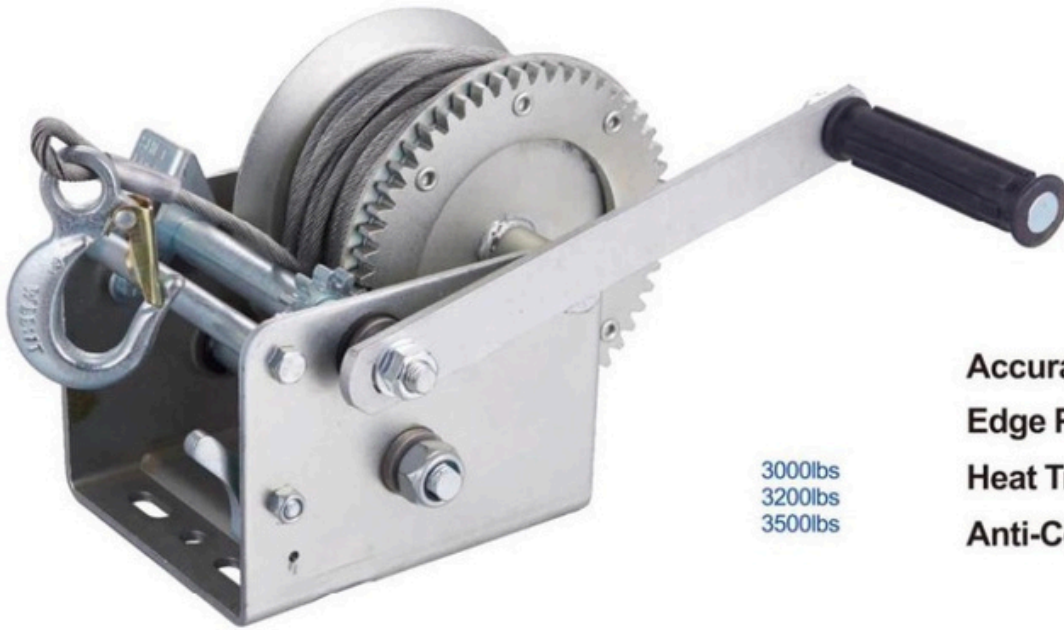
HYDRAULIC TRANSFER TRUCKS



Manual hydraulic transfer truck is a small and convenient, flexible to use, large load capacity, strong and durable of cargo handling tools. In addition to the function of consignment of goods, the transfer truck is also for convenience To drop the load, there is a hydraulic device between the chassis and the wheels, which can easily push the car into the base of the cargo box Next, and then use hydraulic pressure to raise the chassis, lift the goods, and then drag the goods to moveto the destination, the chassis is hydraulically lowered.

Model	2T 550	2T 685	2.5T 550	2.5T 685	3T 550	3T 685	5T 685
The rated load (kg)	2000	2000	2500	2500	3000	3000	5000
Min fork height	80mm	80mm	80mm	80mm	80mm	80mm	90mm
Maximum height of fork	200mm	200mm	200mm	200mm	200mm	200mm	195mm
Steel plate thickness	4mm	4mm	4mm	4mm	4mm	4mm	6mm

HAND WINCH WITH WIRE ROPE



3000lbs
3200lbs
3500lbs

Accurate Steel Stamping
Edge Polish
Heat Treatment
Anti-Corrosion Treatment

Part No.	Capacity(Kg)	B/S(kg)	Gear Ratio	Way/Speed	Cable	N.W.(kg)
SL-HW600	272	408	3.2:1	1 way or 2 way	Φ4mm×8m	2.5
SL-HW800	362	544	3.2:1	1 way or 2 way	Φ4mm×8m	2.5
SL-HW1000	454	675	4.1:1	2 way/1 speed	Φ4mm×10m	3.67
SL-HW1200	544	825	4.1:1	2 way/1 speed	Φ4mm×10m	3.67
SL-HW1400	640	900	4:1	2 way/1 speed	Φ5mm×10m	4.3
SL-HW1600	700	1080	4:1	2 way/1 speed	Φ5mm×10m	4.3
SL-HW1800	800	1200	4:1/8:1	2 way/2 speed	Φ5mm×10m	5.2
SL-HW2000	900	1350	4:1/8:1	2 way/2 speed	Φ5mm×10m	5.3
SL-HW2500	1100	1650	4:1/8:1	2 way/2 speed	Φ5mm×10m	5.3
SL-HW3000	1360	2040	4.4:1/9.3:1	2 way/2 speed	Φ6mm×10m	8.7
SL-HW3200	1455	2180	4.4:1/9.3:1	2 way/2 speed	Φ6mm×10m	8.7
SL-HW3500	1590	2385	4.4:1/9.3:1	2 way/2 speed	Φ6mm×10m	8.7

HEAVY DUTY HAND WINCH



Part No.	Capacity(Kg)	Test Load(KN)	Cable	Gear Ratio	Max L. of Link-Pole Action (mm)	Min. Force of Hand Turn(N)	N.W. (kg)
SL-VW500	0.5 Ton	6.125	Φ6.3mm×40m	4.33:1	350	120	14.4
SL-VW1000	1 Ton	12.25	Φ8mm×40m	12.19:1	350	120	19.7
SL-VW2000	2 Ton	24.5	Φ9mm×40m	22.68:1	350	130	25.1
SL-VW3000	3 Ton	36.75	Φ12.5mm×40m	29.16:1	350	180	44.3

ELECTRIC WINCH



Electric winch is the most common winch, relying on the vehicle's own power system to drive the winch. The voltage used by electric winch (ATV DJ):380V, 220V,110V is high voltage. 36V,24V, 12V is low voltage (12V is direct current.220Vis AC).



Model	2000 lbs	3000 lbs	3500 lbs	4000 lbs	4500 lbs	6000 lbs	9500 lbs	12000 lbs
Output voltage	12v/24v	12v/24v	12v/24v	12v/24v	12v/24v	12v/24v	12v/24v	12v/24v
Horizontal pull	800kg	1361kg	1590kg	1800kg	2025kg	2700kg	4280kg	5400kg
Vertical lifting weight	300kg	500kg	600kg	700kg	800kg	1000kg	1500kg	2000kg
Control method	Manual	Manual	Manual	Manual	Manual	Remote control	Remote control	Remote control
No-load speed	6m/min	6m/min	6m/min	6m/min	6m/min	6m/min	6m/min	6m/min
Wire rope	4mm*6m	4.8mm*6m	4.8mm*10.5m	5.4mm*10.5m	5.4mm*10.5m	6.4mm*20m	8.3mm*28m	9.1mm*28m
Motor material	All copper motor	All copper motor	All copper motor	All copper motor	All copper motor	All copper motor	All copper motor	All copper motor
External dimension	286*100*105	299*100*105	340*110*112	353*110*112	332*116.5*115	415*160*217	529*160*217	527*160*217

MANUAL ELECTRIC STACKER SERIES

Electric double door stacker



Electric single-door stacker



Dual-purpose stacker



Channel steel stacker



I-beam stacker



C-shaped steel stacker



OUTDOOR CRANE SERIES

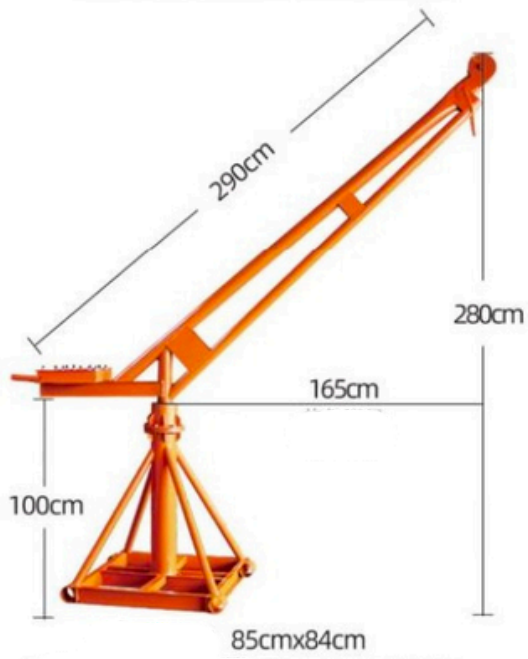
100-300kg bracket



400-500 kg bracket

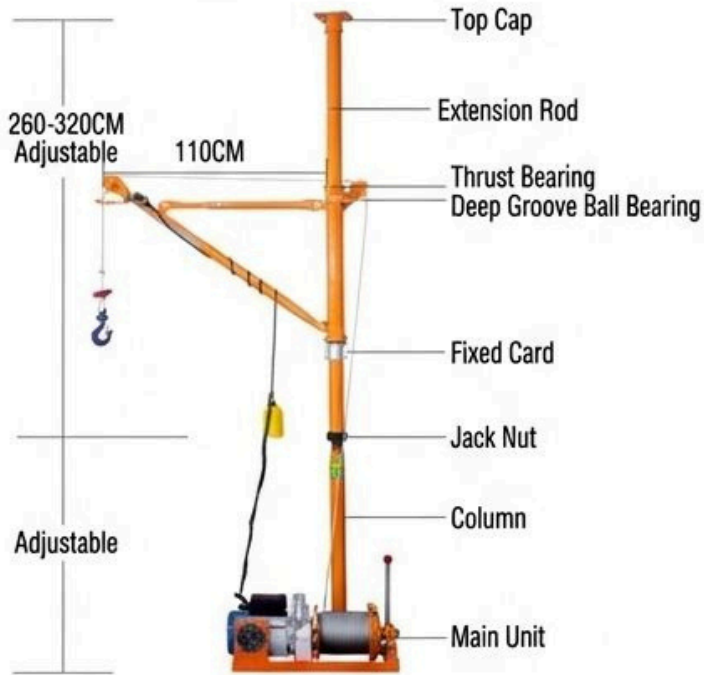


800-1000 kg bracket

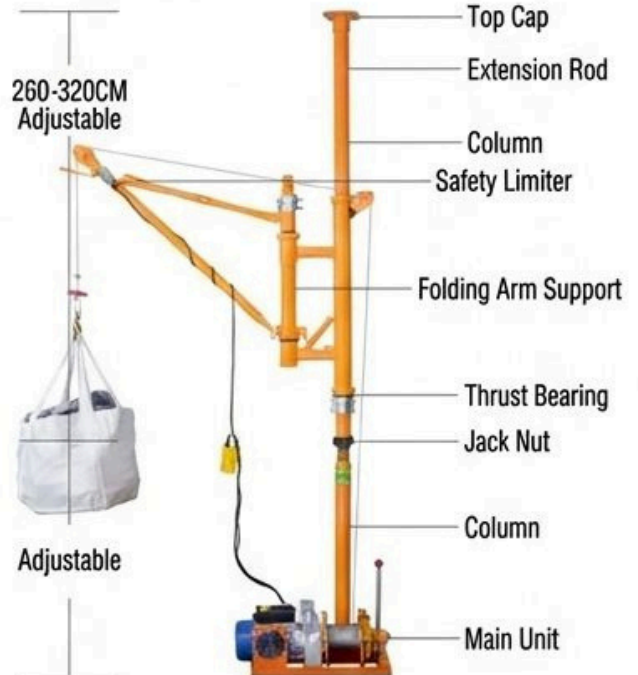


INDOOR CRANE SERIES

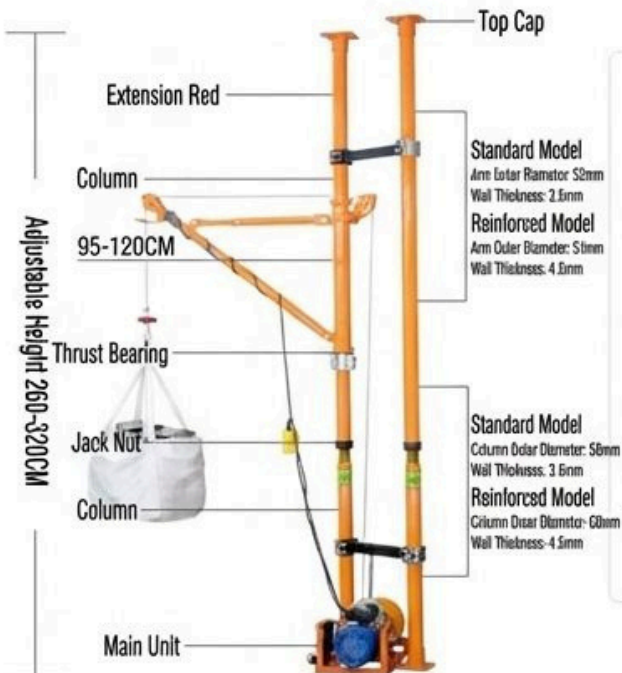
Single-column indoor crane
Single-column indoor crane



Folding arm type indoor crane
Folding arm type indoor crane



Double-column indoor crane
Double-column indoor crane



Car Clutch Hoist



Working Time	Continuous Work 2 Hours
Lifting Speed	24 Meters/Minute
Lifting Limit	200-1000KG

Car Pressure Plate Hoist



Working Time	Continuous Work 2 Hours
Lifting Speed	24 Meters/Minute
Lifting Limit	200-1000KG

COLORED FLEXIBLE LIFTING BELT

The flexible sling is made of imported DuPont silk, polyester, and nylon. Widely used in various industries such as metallurgy, oil pipelines, wind power hoisting, power transmission and transformation, nuclear power, shipbuilding, precision machinery, aerospace, port hoisting, chemical industry, etc. Soft and non damaging items, protecting workers' hands, easy to use, heavy load capacity, long service life, clear working force markings and color codes, effectively improving safety performance, surface scratches, such as some jackets with fuzzy skin, are normal and have little impact on the sling; Any significant local substantial abrasion, exposed core material, or damage to the core material shall not be used.



Tonnage	Colour	Width	Weight
1T	Purple	4CM	0.35
2T	Green	5CM	0.47
3T	Yellow	6CM	0.6
5T	Red	8CM	0.9
8T	Blue	12CM	1.4
10T	Orange	12CM	1.6
15T	Orange	15CM	2.8
20T	Orange	18CM	3.3

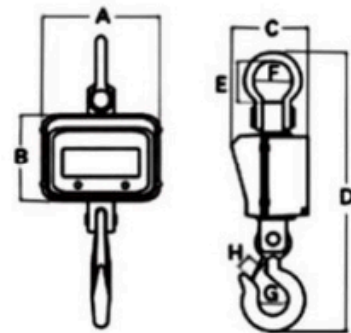
G80 MANGANESE STEEL LIFTING CHAIN



mm	Inside Max.s	Outside Max.s	Weight kg/m	W.L.L.T	Test load kn	Min breaking load kn
6*18	7.5	21	0.79	1.1	27	45.2
7*21	9	24.5	1.07	1.5	37	61.6
8*24	10	28	1.38	2	48	80.4
10*30	12.5	35	2.2	3.2	76	125
12*36	15	42	3.1	4.6	109	181
13*39	16.3	46	3.8	5	128	214
14*42	18	49	4.13	6.3	150	250
16*48	20	56	5.63	8	192	320
18*54	23	63	6.85	10	246	410
20*60	25	70	8.6	12.5	300	500
22*66	28	77	10.2	15.3	366	610
26*78	35	91	14.87	21.3	510	850
30*90	38	105	19.6	28.3	678	1130
32*96	40	106	22.92	32.2	772	1286

ELECTRONIC HANGING SCALE

The electronic hanging scale consists of a weighing sensor, scale body, and weighing display, which are sampled and processed by a microprocessor. A stable reading can be obtained within 3-5 seconds during weighing. The electronic hanging scale can be divided into three types based on the position of the sensor device and the size of the scale: hook hanging, crane mounted, and portable. The hook hanging electronic hanging scale is widely used and can be divided into wireless direct display, wireless transmission, and wired types, with common specifications ranging from 200 to 50000kg. Measurement capability can not only display measurement values in real-time, but also detect peak values Measurement units include pounds, kilograms, and Newton



Model	Capacity	Division	A	B	C	D	E	F	G	H	Wght Kg
2T	2000KG	0.5KG	255	190	215	610	100	50	45	30	11.4
3T	3000KG	0.5KG	255	190	215	610	100	50	45	30	11.4
5T	5000KG	1KG	255	190	215	690	120	75	55	35	16.8
10T	10000KG	2KG	255	190	215	750	125	85	70	45	24.4
15T	15000KG	2KG	255	190	215	910	180	100	80	55	34.6



SAFETY SOLUTIONS



Full Body Harnesses



A full-body harness is the primary component of a personal fall arrest system, engineered to distribute impact forces across the shoulders, chest, pelvis, and thighs. By securely holding the body during a fall, it minimizes the risk of severe internal injury compared to traditional safety belts. It is an indispensable life-safety tool for any professional working at heights of 6 feet or more.

Standard Features of a Quality Harness

- **Dorsal D-Ring:** A reinforced back attachment point designed for fall arrest, ensuring the worker remains upright after a fall.
- **Adjustable Straps:** High-strength webbing with adjustable buckles at the legs, chest, and shoulders to ensure a snug, customized fit for any body type.
- **Breathable Padding:** Ergonomic padding on the shoulders and legs to reduce pressure points and improve comfort during extended use.
- **Sub-Pelvic Strap:** A critical lower strap that supports the body and helps distribute the weight effectively across the pelvic area during a fall event.

Hooks & Connectors



- **Self-Locking Mechanisms:** Designed with double-action or triple-action gates to prevent accidental "roll-out" or detachment during a fall.
- **High Tensile Strength:** Forged from alloy steel or aluminium to meet strict load-bearing standards.
- **Corrosion Resistance:** Typically finished with zinc plating or chrome to ensure durability and functionality in harsh outdoor or industrial environments.
- **Ergonomic Design:** Shaped for easy handling with gloved hands, allowing for quick and secure one-handed operation while attaching to D-rings.

Lanyards

- **Shock Absorption:** Integrated energy absorbers significantly reduce the impact forces transmitted to the body during a fall arrest.
- **Durable Webbing:** Constructed from heavy-duty polyester or nylon webbing that is resistant to abrasion, UV light, and chemical exposure.
- **Versatile Lengths:** Available in fixed or adjustable lengths to suit specific work-at-height or positioning requirements.



Anchorage



- **Structural Integrity:** Must be capable of supporting at least 5,000 lbs per person attached to ensure a rock-solid point of safety.
- **Diverse Mounting Options:** Includes temporary beam clamps, permanent D-ring plates, and concrete anchors for various site conditions.
- **Strategic Placement:** Engineered to be positioned directly above the worker whenever possible to minimize the risk of a "swing fall".

Fixed Line Systems

- **Continuous Connection:** Allows workers to traverse long horizontal or vertical distances without ever having to disconnect their safety line.
- **Stainless Steel Construction:** Uses high-grade 316 stainless steel cables for maximum longevity and resistance to extreme weather.
- **Multi-User Capability:** Advanced systems are engineered to support multiple workers simultaneously while maintaining independent safety margins.



Rope Grab Fall Arresters



- **Automatic Locking:** Uses a cam-lever or friction-based mechanism to instantly grip the vertical lifeline if a sudden descent is detected.
- **Hands-Free Movement:** Designed to glide smoothly up and down the rope during normal work movement, following the worker's position.
- **Detachable Design:** Allows for easy installation or removal at any point along the vertical lifeline without needing access to the ends.
- **Anti-Panic Feature:** Some models include a secondary locking mechanism that engages even if the user instinctively grabs the device during a fall.



Retractable Fall Arresters

- Self-Tensioning Lifeline: Automatically extends and retracts as the worker moves, keeping the lifeline taut and eliminating tripping hazards.
- Centrifugal Braking: Utilizes a car-seatbelt style internal brake that engages within inches of a fall to stop the descent quickly.
- Impact-Resistant Housing: Enclosed in a rugged thermoplastic or aluminum shell to protect internal components from dust and debris.

Confined Space Entry (Tripod)



- For access in confined spaces.
- With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable.
- It allows making configuration with one winch and one Self.
- Retractable block with hoisting Facility.
- Aluminium alloy cast head, legs in aluminium.
- Steel support-shoes provided with rubber sole.

Head & Face Protection

Safety Helmets



- Industrial-grade safety helmets are engineered to provide superior impact dispersion and stability, ensuring reliable protection during long working hours.

Key Features and Benefits

- Lightweight and rigid construction allows for continuous wear throughout long shifts.
- Manufactured from high quality materials to withstand the toughest environmental conditions.
- Designed for seamless integration with eye, face, and hearing protection.

Face Shield



- A wide range of visors and Face Shield available for many
- Forestry and Industrial applications.
- Offers a wide field of view.

Welding Shields



- **Ultra-Lightweight Design:** Extremely light in weight to ensure user comfort during prolonged welding tasks.
- **Impact-Resistant Construction.**
- Includes a liftable front window that allows for normal viewing and protects against harmful dust particles.
- Equipped with a protective lens crafted from clear, high-impact resistant polycarbonate.
- **Customized Fit:** To ensure a secure and stable fit for every user.
- **Large Viewing Area:** Provides a generous viewing window for enhanced visibility.

Eye & Ear Protection

Safety Spectacles



- Made with polycarbonate.
- Offers impact & splash protection with excellent vision.
- Ultra-light weight and offers high level of eye.
- protection against high speed particles.
- Hard-coated lens for Scratch Resistance.

Areas of Use:

- Construction Sites; where sand and large dust. particles are blowing at high Speed.
- Metal - Processing Shops etc.

Ear Plugs



- The very soft foam provides comfortable & close fitting seal against harmful noise.
- One size fits all Ear Canals.
- Made up of Non- Irritant and Allergy-free material.
- Easy to insert & use.
- Available in multiple materials.

Ear Muffs



- Light weight and extremely comfortable Ear Muffs.
- Easily Adjustable.
- Soft cushioned pads for good seal against noise.

Areas of use:

- Airports, Excavation Equipment, Generators, High Frequency Welding etc.

Safety Shoes



- Thermoplastic Stiffener - For excellent shape to the heel.
- Perfect Knot with Strong Laces.
- Extra Durability.
- Extra Shock Absorption ability.
- Robust Outsole.
- Build for maximum durability.
- Reinforced Toe for maximum Safety.
- Ability to Withstand high energy.

Respiration Protection

Half Face Mask



- Offer protection against particulates, gases and vapours and combinations of the two.
- These Respirators have integrated or replaceable filters and parts. They may be cleaned, stored and reused provided they are in good condition.

Full Face Mask



- Light weight & highly durable.
- Provides high impact protection.
- Comfortable & highly ergonomic in design.
- One size fits all.
- Easy to assemble and dismount.
- Extremely soft non-allergenic rubber for comfort and fit.
- Scratch resistant lens.
- Exhalation valve helps make breathing easier giving a cool & dry comfort to the user.



MARINE SOLUTIONS



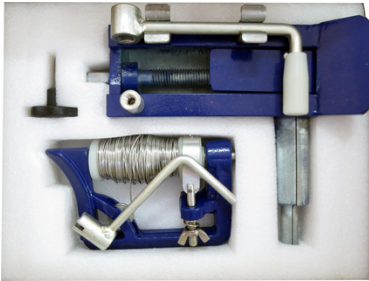
Safety Equipment



Hydrostatic Release Unit

SOLAS-compliant release unit that automatically deploys the liferaft or EPIRB at depths of 1.5–4 m underwater. Includes a double-looped rope line, release mechanism, and weak link.

IMPA: 330119



Binding Machine Fire Hose

Portable tool for securely binding firefighting hoses (25–110 mm) onto coupling shanks using copper, G.I., or stainless steel wire. Accepts 1.6 mm galvanised wire as standard binding material.

IMPA: 330752



Box Keeping, Shore Connection

Glass-fibre reinforced polyester box for storing the international shore connection. Smooth exterior finish with corrosion-resistant construction for reliable long-term deck storage.

IMPA: 330840



Breath Alcohol Measuring Instrument

Precision breath alcohol tester operable with a single button, featuring a backlit full-text display with LED and audible end-of-test signal. Supports both active mouthpiece and passive ambient air measurement modes.

IMPA: 331221

Safety Equipment



Immersion Suit

Foam rubber immersion suit that prevents dangerous body heat loss when submerged in cold water. MED-approved and mandatory for rescue boat crew and open lifeboat assignments per SOLAS.

IMPA: 330195



Fishing Tackle

Liferaft survival fishing kit providing essential hooks, lines, and lures to help survivors source food during extended sea emergencies. Required liferaft accessory per SOLAS guidelines.

IMPA: 330254



Life Jacket Light / Strobe Light

Water-activated life jacket light delivering a 0.75 cd signal for a minimum of 8 hours. Battery activates automatically upon immersion for immediate visibility in man-overboard situations.

IMPA: 330143

Safety Equipment



Smart Sensor/Detector

Personal multi-gas monitor that simultaneously detects combustible gases, toxic gases, and oxygen deficiency in the atmosphere. Compact full-function device essential for confined space entry.

IMPA: 330521

Pneumatic & Electrical Tools



Turbine Fan Water Driven

High-performance water-driven turbine ventilation fan with a non-spark, corrosion-coated impeller for safe gas-freeing of tanks and large enclosed spaces. Airflow of 70–220 m³/min with deep tank penetration capability.

IMPA: 591436



Derusting Brush Air, MAG9000

Pneumatic rotary derusting brush running at 9,000 min⁻¹ for rapid paint and rust removal on steel surfaces. Accepts cup-type wire brush attachments for efficient surface preparation.

IMPA: 592071

Pneumatic & Electrical Tools

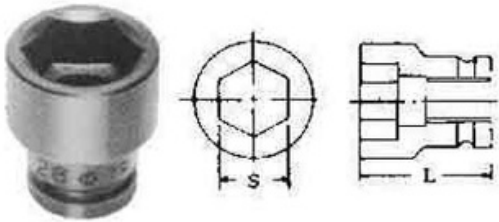
Scaling Hammer Pneumatic, Single



Air-powered single-chisel scaling hammer for removing rust, scale, and old coatings from steel hull and structural surfaces. Delivers rapid impact blows to prepare surfaces for painting or welding.

IMPA: 590382

Socket For Impact Wrench



Heavy-duty 6-point 3/4" square drive impact sockets ranging 17–46 mm, engineered to absorb the high torque of pneumatic impact wrenches. Multiple sizes available for engine room and deck maintenance tasks.

IMPA: 590229-44

Hold Cleaning Gun Trelawny



Stainless steel hold-cleaning gun using combined water and compressed air to project a tightly compressed jet up to 30 m. Single-operator design with adjustable pressure control for efficient cargo hold cleaning on bulk carriers.

IMPA: 590742

Impact Wrench Cordless,



Compact 110 V cordless impact wrench with 3/8" square drive for fast nut and bolt work without an air supply. Ideal for maintenance tasks in areas where pneumatic connections are unavailable.

IMPA: 590921

Pneumatic & Electrical Tools



Fan Ventilation Electric Portable

Portable single-phase AC electric ventilation fan (142 mm) for confined space airing and general shipboard ventilation. Lightweight design allows quick repositioning to meet changing ventilation requirements.

IMPA: 591401

Hand Tools



Socket Wrench Set

Comprehensive 3/4" drive socket wrench set covering 19–60 mm across 20 sockets with 6 drive tools. Thin-walled chrome alloy sockets reach bolts in narrow, hard-to-access machinery locations.

IMPA: 610151

Wrench Single Head Ratchet & Spud

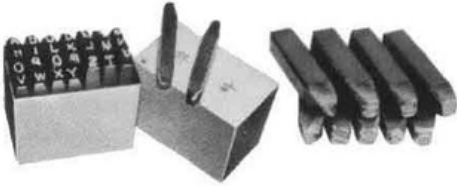


Single-head 12-point ratchet wrench with spud alignment pin, 21 mm opening, for fast one-handed tightening and loosening of bolts. Ratchet mechanism reduces repositioning time in tight machinery spaces.

IMPA: 611032

Hand Tools

Letter Set Steel Alphabet 27's 8MM



27-piece hardened steel alphabet punch set with 8 mm character size for permanent marking on metal surfaces. Essential for stamping identifiers, part numbers, and equipment labels onboard.

IMPA: 613108

Figure Set Steel 9's 3MM



9-piece hardened steel number punch set with 3 mm digit size for precise marking of small components and pipe fittings. Compact size suits detailed identification work on engine parts.

IMPA: 613119

Figure Punch Set 0-9 Size 8MM 9 Pcs



9-piece digit punch set (0–9) with 8 mm character height for bold, permanent number stamping on steel and other metals. Suited for marking hull plates, machinery housings, and deck fittings.

IMPA: 613123

Clamp Screw C-Type



Heavy-duty C-type screw clamp with 25 mm jaw opening for firmly holding workpieces during cutting, welding, or assembly. Strong steel construction maintains clamping pressure under demanding workshop conditions.

IMPA: 613716-25

Hand Tools

Wrench Striking Single Open



Beryllium copper / aluminium bronze single open-end striking wrenches (30–41 mm) for safe use in flammable or explosive atmospheres. Designed for heavy hammer-assisted loosening of seized fasteners where spark risk is critical.

IMPA: 615580-84

Wrench Striking Ring 12 Point



12-point aluminium bronze ring striking wrenches (26–46 mm) engineered for non-sparking use in hazardous areas such as tank cleaning and gas-freeing operations. Full bolt-head engagement provides maximum torque transfer.

IMPA: 615601-08

Scraper Hand Non-Spark 40X75MM



40×75 mm beryllium copper alloy hand scraper for removing scale, paint, and rust in spark-sensitive zones such as cargo tanks and pump rooms. Safe for use wherever ignition risk demands non-sparking tools.

IMPA: 615840

Scraper Nonspark 75X115MM Alloy



Larger 75×115 mm beryllium copper alloy scraper for wider surface coverage in hazardous environments. Ideal for paint and scale removal in confined cargo or tank spaces where sparks must be avoided.

IMPA: 615841

Hand Tools



Scrapper Angle Non-Spark 40X250MM

Angled aluminium bronze non-spark scraper (40×250 mm) for reaching into corners and tight spaces during scale and paint removal in hazardous areas. Angled blade reduces wrist strain in confined operations.

IMPA: 615846



Scrapper Angle Non-Spark 40X300MM

Extended 40×300 mm angled aluminium bronze scraper for non-spark surface preparation in explosive atmospheres. Extra length improves reach in deep tank corners and structural recesses.

IMPA: 615847



Puller Gear & Wheel 2-Arm

2-arm gear and wheel puller (0–150 mm spread) for non-destructive removal of gears, pulleys, and bearings from shafts. Adjustable jaws provide versatile grip on various component sizes.

IMPA: 615062



Truck Platform Steel 750X1200MM

Heavy-duty 750×1200 mm steel platform truck with single handle and 4 solid tyres for moving heavy stores and equipment on deck or in cargo holds. Robust frame handles demanding shipboard logistics.

IMPA: 617154

Hand Tools



Carrier For Drum Steel Frame

Steel-frame drum carrier with 2 solid tyres for safely transporting 200-litre drums across deck and engine room floors. Tilting cradle design allows one person to manoeuvre full drums with minimal effort.

IMPA: 617193

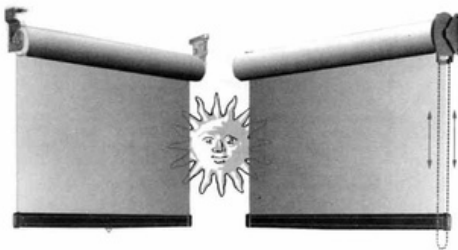


Grease Gun Lever Type Standard

Yamada KH-35 400 cc lever-type grease gun for precise application of grease to nipples and fittings throughout the vessel. Standard lever action delivers consistent pressure for efficient lubrication of machinery bearings.

IMPA: 617702

Cloth & Linen Products



Solar Shade, Spring Roller Type

Universal locking-bracket solar shade for ship bridge and wheelhouse windows with 100% optical clarity and scratch-resistant 5-MIL screen. Pull-to-raise spring roller mechanism includes both outside and inside mounting flanges.

IMPA: 150721

Painting Equipment



Paint Stirrer Pneumatic

Air-driven paint stirrer that mounts directly onto containers up to 40 litres to ensure thorough mixing before spraying. Consistent stirring prevents pigment settling and maintains uniform paint viscosity.

IMPA: 270581



Spray Gun Hand

Medium-size pressure-feed conventional air spray gun with 1.2 mm nozzle producing 480 L/min fluid output with a straight spray pattern. Suitable for applying marine coatings, primers, and topcoats with fine finish quality.

IMPA: 270512



Gun Airless Spray Ace Gun

Asahi Sunac MG7 II airless spray gun weighing only 375 g for fatigue-free long-duration painting operations. Delivers high-atomisation, uniform spray patterns ideal for marine anti-corrosive and antifouling coatings.

IMPA: 270321

Petroleum Products



Molykote 1000 1KG

Lead- and nickel-free mineral oil paste with copper, graphite, and solid lubricants for threaded and bolted metal joints. Rated $-30\text{ }^{\circ}\text{C}$ to $+650\text{ }^{\circ}\text{C}$, providing high load capacity, corrosion protection, and non-destructive dismantling.

IMPA: 450521



Anti-Seize Compound

High-performance semi-synthetic compound with ultra-pure copper particles that protects fasteners against seizure from extreme temperature, pressure, and corrosion. Reinforced with anti-oxidants and corrosion inhibitors for outstanding thread protection.

IMPA: 450566

Hardware



Door Adjuster Stainless Steel

350 mm stainless steel door holder that keeps cabin or watertight doors open at a user-selected angle via a simple adjusting screw. Supplied with $\varnothing 4.1$ mm mounting screws for easy installation.

IMPA: 490549

Nautical Equipment



Binocular Night Vision

2.5×42 night-vision binoculars providing enhanced visibility for low-light bridge watch and anti-piracy operations. Large 42 mm objective lenses maximise light gathering for reliable observation at sea after dark.

IMPA: 370355-56

Electrical Equipment



Bakelite Sheet

Phenolic resin laminate sheet (1×1000×1000 mm) offering excellent electrical insulation, mechanical strength, and resistance to oils and solvents. Widely used as insulating panels and spacers in marine switchboards and electrical enclosures.

IMPA: 795382-86

Packing & Jointing



Tape Glass 1.7X38MMX30MTR

1.7 mm thick, 38 mm wide woven glass-fibre tape on a 30 m roll for high-temperature insulation wrapping and reinforcement of pipe lagging. Excellent thermal stability and chemical resistance for engine room applications.

IMPA: 811710

Packing & Jointing

Leak Repair Kit First Response



Emergency kit for quickly sealing leaks in pipes, tanks, and drums using a variety of sealing devices and materials. Covers pipe leaks, surface holes, cracks, and gashes for fast onboard damage-control response.

IMPA: 812368

Welding Equipment

Gas Cutting Torch With Nozzle Set



Oxy-fuel cutting torch (Model No. 1 / No. 2) with nozzle set capable of cutting steel up to 30 mm thick at ~460 mm overall length. Lightweight 730 g design for controlled and precise thermal cutting onboard.

IMPA: 850251-52

Filler Metal Coated Brass Brazing



Machine-coated wire-drawn brass brazing rods (2.0×1000 mm, 5 kg) with low-flame flux coating producing fine deposits and tensile strength of 36–43 kgf/cm². Suitable for gas brazing copper, bronze, and dissimilar metal joints.

IMPA: 850451

