

2016 Edition



QINGDAO RICHMAX IMPORT & EXPORT CO., LTD.
青岛瑞麦斯进出口有限公司

中国山东省青岛市金坛路 32 号康嘉景园 1 号楼 2303 室
RM2303, No.1 Building Kangjia Business Area, No.32, Jintan Road Qingdao, Shangdong, P.R.China
Tel:0086-532-88987597 Fax:0086-532-88987598
Web: www.qdrichmax.com.cn
E-mail: export@qdrichmax.com.cn



A Professional Supplier of Marine Equipment
船舶配套专业供应商

RICHMAX

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IRICHMAX

船舶配套专业供应商 A Professional Supplier of Marine Equipment

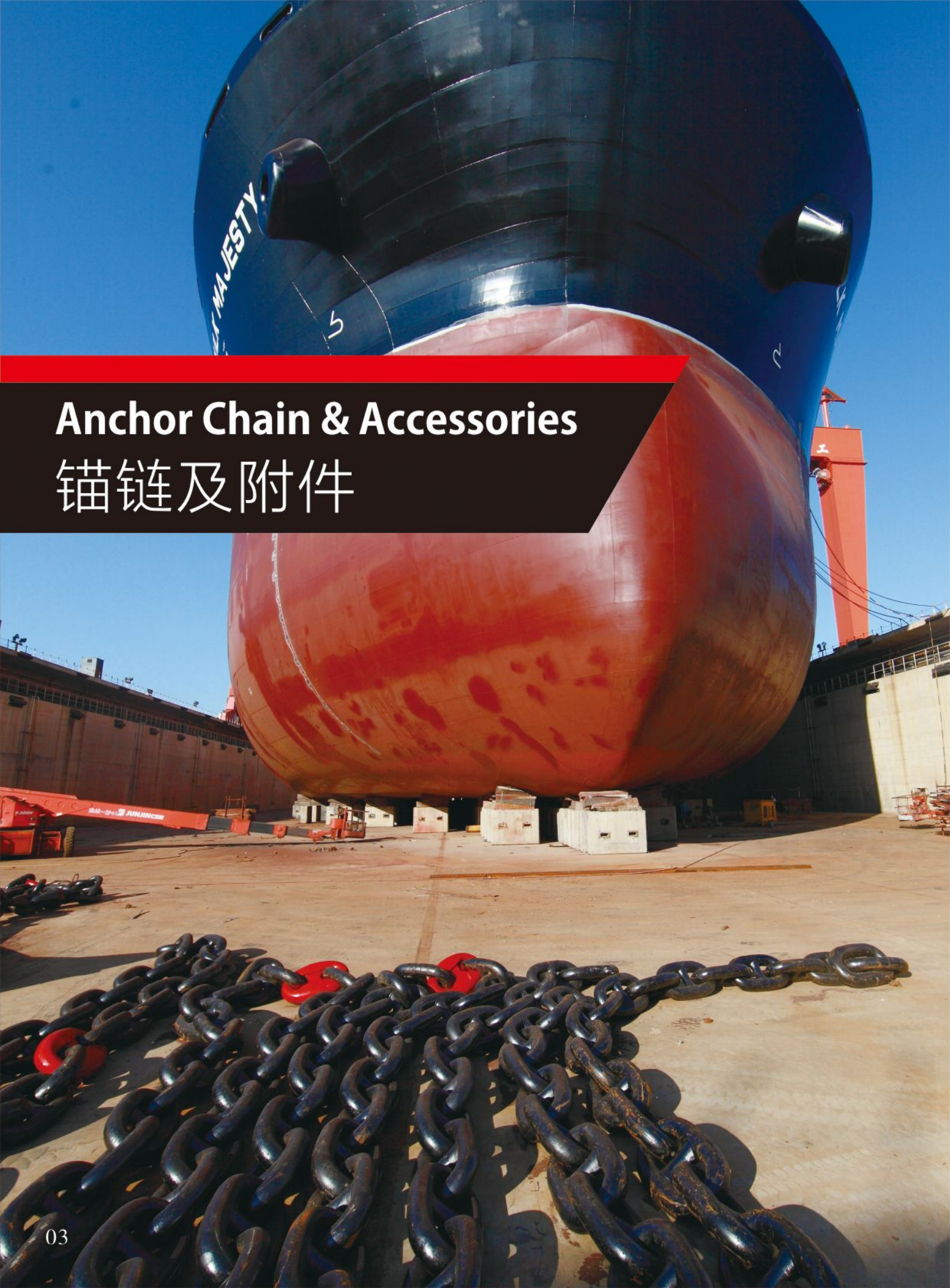
IRICHMAX

青岛瑞麦斯进出口有限公司，是一家集设计研发、生产、销售为一体的综合型实业有限公司。公司主要生产及经营：海洋系泊类、船用及吊装类产品。包括船用设备，甲板设备及相关配件；船用五金配件，起重吊装类产品；安全防护用品以及渔用和水上运动产品等。公司还可以根据客户的要求设计研发，为客户提供优质的产品和我们最好的服务。

公司隶属于新华锦集团环球实业有限公司，依托于集团国内的实业生产而享有价格优势，为东南亚地区、日、韩、欧美等各国客户提供品质稳定的产品，以合理的价格领先于业内竞争者。公司一直坚持以诚信作为公司发展的宗旨，追求卓越，不断改善、创新，以实现公司与客户的双赢。

Qingdao Richmax Imp. & Exp. Co., Ltd is the integrate industrial company which can design & developed, production and market. Our company deal in and produce the Marine Mooring, Vessel & Lifting products. Main products including the Marine Equipment, Deck Fittings; Rigging Hardware, Lifting Products; Safety Products; Fishing & Water Sport Products. Our Company also can design & developed according to customer's requirements. Supply customer our high quality products and best service.

Our company belongs to the Hiking Group Global Industrial Limited, we have the prices superiority depend on the factory of group. Supply the stable quality products for customer of Southeast Asia Area, Europe, America, Japan and Korea etc. Being one of the leading supplier at reasonable prices. We always stick to pursue the philosophy of integrity. Pursuit of excellence, Keeping improve and innovation. Sincere cooperation with customer and achieve win-win situation.



Anchor Chain & Accessories

锚链及附件

| Anchor Chain 锚链 |

Mechanical Properties 机械性能

锚链 Anchor Chain						
级别 Grade	屈服强度 Yield Point (N/mm²,min)	抗拉强度 Tensile Strength (N/mm²,min)	延伸率 Elongation (%,min)	断面收缩率 Reduction of Area (%,min)	V型缺口冲击试验 Impact Test(V-notch)	
					试验温度 Test Temperature (°C)	平均能量 Impact (J,min)
2	≥295	490~690	≥22	--	0	≥27
3	≥410	≥690	≥17	≥40	0	≥60
						≥50 (焊缝weld)

系泊链 Mooring Chain							
级别 Grade	屈服强度 Yield Point (N/mm²,min)	抗拉强度 Tensile Strength (N/mm²,min)	延伸率 Elongation (%,min)	断面收缩率 Reduction of Area (%,min)	V型缺口冲击试验 Impact Test(V-notch)		
					试验温度 Test Temperature (°C)	平均能量Impact (J,min)	
						母材 Base Part	焊口 Weld Part
API Spec. 2F(ORQ)	--	641	17	40	0	58	49
					-15	40	36
ABS/RQ3 DNV/NVR3	410	690	17	50	0	60	50
					-20	40	30
ABS/RQ3S DNV/NVR3s	490	770	15	50	0	65	53
					-20	45	33
ABS/RQ4 DNV/NVR4	580	860	12	50	-20	50	36
ABS/R4s DNV/NVR4s	700	960	12	50	-20	56	40
ABS/R5 DNV/NVR5	760	1000	12	50	-20	58	42
* R6	840	1110	12	50	-20	58	42

Test Load of Anchor Chains and Fittings
锚链及附件试验负荷

(Norminal) Chain Diameter (名义)链径 (mm)	Proof Load 拉力负荷 (kn)		Breaking Load 破断负荷 (kn)		Weight 重量 kg/27.5m
	二级 Grade2	三级 Grade3	二级 Grade2	三级 Grade3	
16	107	150	150	216	158
17.5	127	179	179	256	194
19	150	211	211	301	236
20.5	175	244	244	349	269
22	200	280	280	401	322
24	237	332	332	476	370
26	278	389	389	556	431
28	321	449	449	642	496
30	368	514	514	735	564
32	417	583	583	833	635
34	468	655	655	937	712
36	523	732	732	1050	800
38	581	812	812	1160	887
40	640	896	896	1280	1032
42	703	981	981	1400	1084
44	769	1080	1080	1540	1197
46	837	1170	1170	1680	1310
48	908	1270	1270	1810	1438
50	981	1370	1370	1960	1546
52	1060	1480	1480	2110	1661
54	1140	1590	1590	2270	1791
56	1220	1710	1710	2430	1926
58	1290	1810	1810	2600	2086
60	1380	1940	1940	2770	2249
62	1470	2060	2060	2940	2361
64	1560	2190	2190	3130	2516
66	1660	2310	2310	3300	2676
68	1750	2450	2450	3500	2885
70	1840	2580	2580	3690	3010
73	1990	2790	2790	3990	3274
76	2150	3010	3010	4300	3548
78	2260	3160	3160	4500	3737

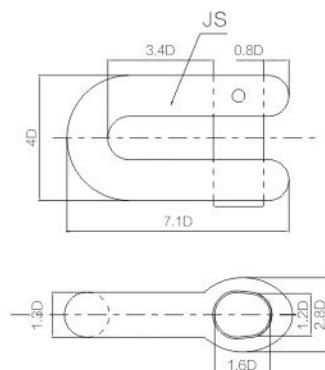
Test Load of Anchor Chains and Fittings
锚链及附件试验负荷

(Norminal) Chain Diameter (名义)链径 (mm)	Proof Load 拉力负荷 (kn)		Breaking Load 破断负荷 (kn)		Weight 重量 kg/27.5m
	二级 Grade2	三级 Grade3	二级 Grade2	三级 Grade3	
81	2410	3380	3380	4820	4030
84	2580	3610	3610	5160	4334
87	2750	3850	3850	5500	4650
90	2920	4090	4090	5840	4976
92	3040	4260	4260	6080	5199
95	3230	4510	4510	6440	5544
97	3340	4680	4680	6690	5780
100	3530	4940	4940	7060	6143
102	3660	5120	5120	7320	6398
105	3850	5390	5390	7700	6773
107	3980	5570	5570	7960	7033
111	4250	5940	5940	8480	7569
114	4440	6230	6230	8890	7983
117	4650	6510	6510	9300	8409
120	4850	6810	6810	9720	8863
122	5000	7000	7000	9990	9143
124	5140	7200	7200	10280	9598
127	5350	7490	7490	10710	9908
130	5570	7800	7800	11140	10382

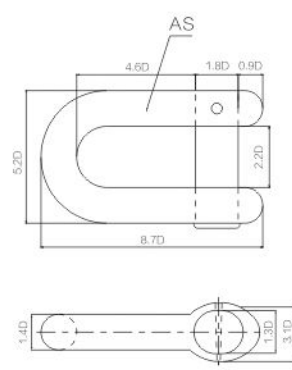


Accessories 附件 |

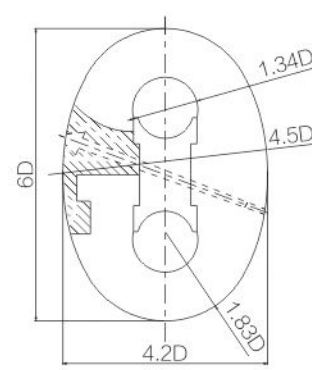
Joining Shackle(JS)
D型连接卸扣



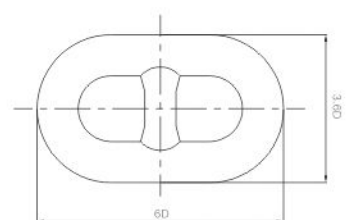
End Shackle(ES)
末端卸扣



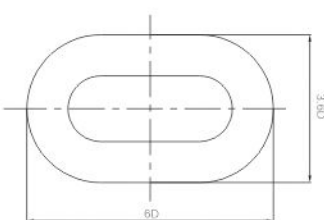
Kenter Shackle(KS)
肯特卸扣



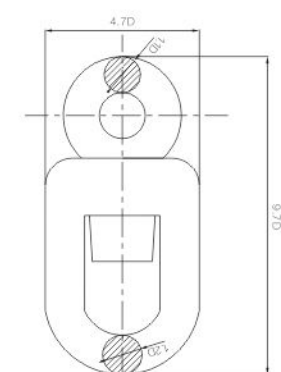
Common Link(C)
有档普通链环



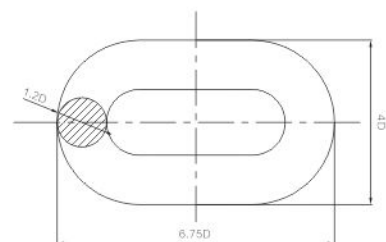
Studless Link(SL)
无档普通链环



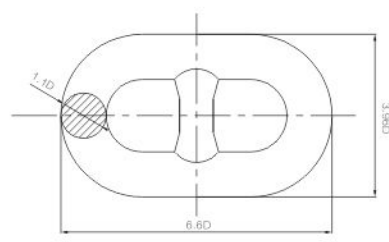
Swivel (SW)
单转环



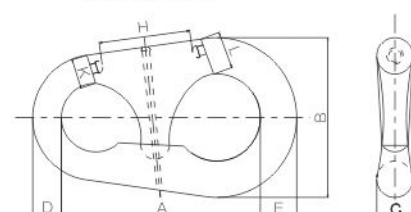
End Link(E)
末端链环



Enlarge Link(EL)
加大链环



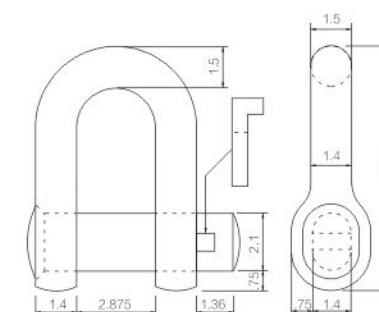
Pearlink Shackle
梨型环卸扣



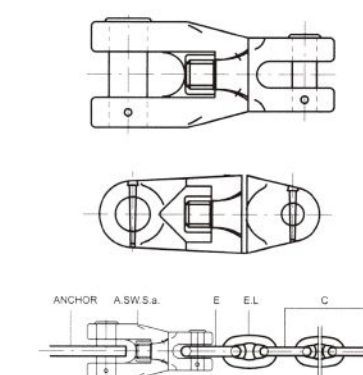
Pearlink Shackle

Type	Chain Dia mm	A	B	C	D	E	H	K	L	Weight kg
3	26-30	238	167	46	30	38	65	32	46	9
4	32-40	298	206	59	40	48	79	39x44	57	13
5	42-50	381	251	76	51	64	100	52.44	76	28
6	52-60	454	313	92	60	76	121	62x73	89	49
7	78-92	651	406	140	92	124	152	111x122	130	156

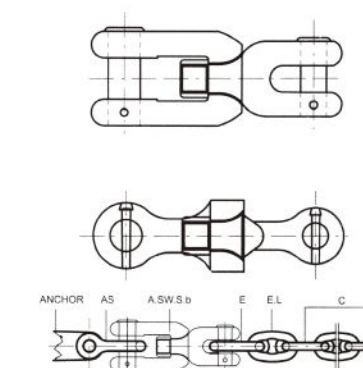
Fore Lock Anchor Shackle
前锁卸扣



Anchor Swivel Shackle(a)=A.SW.S(a)
A型旋转卸扣



Anchor Swivel Shackle(b)=A.SW.S(b)
B型旋转卸扣



Buoy Shackle Type A
A型浮筒卸扣



Buoy Shackle Type B
B型浮筒卸扣



Chain Equipment Tables
锚与锚链及索缆配用表

船用锚链 Stud Link Chain Cables				船用锚 Anchors for Ship			牵引钢索 Towing Lines		系泊缆绳 Mooring Lines		
链径 Diameter(mm)			总长 Total Length (m)	数量 Number	普通锚 Anchor	大抓力锚 H.H.P.Anchor	长度 Length (m)	最小破断力 MBL (kn)	数量 (条) Quantity	每条长度 Length (m)	破断拉力 MBL (kn)
一级 Grade1	二级 Grade2	三级 Grade3			重量 Weight(kg)						
14	12.5	--	220	2	180	135	180	100	3	80	35
16	14	--	220	2	240	180	180	100	3	100	40
17.5	16	--	247.5	2	300	225	180	100	3	110	40
19	17.5	--	247.5	2	360	270	180	100	3	110	45
20.5	17.5	--	275	2	420	315	180	100	3	120	50
22	19	--	275	2	480	360	180	100	3	120	55
24	20.5	--	302.5	2	570	430	180	110	3	120	60
26	22	20.5	302.5	3	660	495	180	130	4	120	65
28	24	22	330	3	780	585	180	150	4	120	70
30	26	24	357.5	3	900	675	180	175	4	140	80
32	28	24	357.5	3	1020	765	180	200	4	140	85
34	30	26	385	3	1140	855	180	225	4	140	95
36	32	28	385	3	1290	970	180	250	4	140	100
38	34	30	412.5	3	1440	1080	180	275	4	140	110
40	34	30	412.5	3	1590	1195	190	305	4	160	120
42	36	32	440	3	1740	1305	190	340	4	160	130
44	38	34	440	3	1920	1440	190	370	4	160	145
46	40	36	440	3	2100	1575	190	405	4	160	160
48	42	36	467.5	3	2280	1710	190	440	4	170	170
50	44	38	467.5	3	2460	1845	190	480	4	170	185
52	46	40	467.5	3	2640	1980	190	520	4	170	200
54	48	42	495	3	2850	2140	190	560	4	170	215
56	50	44	495	3	3060	2295	200	600	4	180	230
58	50	46	495	3	3300	2475	200	645	4	180	250
60	52	46	522.5	3	3540	2655	200	690	4	180	270
62	54	48	522.5	3	3780	2835	200	740	4	180	285
64	56	50	522.5	3	4050	3040	200	785	4	180	305
66	58	50	550	3	4320	3240	200	835	4	180	325
68	60	52	550	3	4590	3445	220	890	5	190	325
70	62	54	550	3	4890	3670	220	940	5	190	335
73	64	56	577.5	3	5250	3940	220	1025	5	190	350
76	66	58	577.5	3	5610	4210	220	1110	5	190	375

Chain Equipment Tables
锚与锚链及索缆配用表

船用锚链 Stud Link Chain Cables				船用锚 Anchors for Ship			牵引钢索 Towing Lines		系泊缆绳 Mooring Lines		
链径 Diameter(mm)			总长 Total Length (m)	数量 Number	普通锚 Anchor	大抓力锚 H.H.P.Anchor	长度 Length (m)	最小破断力 MBL (kn)	数量 (条) Quantity	每条长度 Length (m)	破断拉力 MBL (kn)
一级 Grade1	二级 Grade2	三级 Grade3			重量 Weight(kg)						
78	68	60	577.5	3	6000	4500	220	1170	5	190	400
81	70	62	605	3	6450	4840	240	1260	5	200	425
84	73	64	605	3	6900	5175	240	1355	5	200	450
87	76	66	605	3	7350	5515	240	1455	5	200	480
90	78	68	632.5	3	7800	5850	260	1470	6	200	480
92	81	70	632.5	3	8300	6225	260	1470	6	200	490
95	84	73	632.5	3	8700	6525	260	1470	6	200	500
97	84	76	660	3	9300	6975	280	1470	6	200	520
100	87	78	660	3	9900	7425	280	1470	6	200	555
102	90	78	660	3	10500	7875	280	1470	6	200	590
105	92	81	687.5	3	11100	8325	300	1470	6	200	620
107	95	84	687.5	3	11700	8775	300	1470	6	200	650
111	97	87	687.5	3	12300	9225	300	1470	7	200	650
114	100	87	715	3	12900	9675	300	1470	7	200	660
117	102	90	715	3	13500	10125	300	1470	7	200	670
120	105	92	715	3	14100	10575	300	1470	7	200	680
122	107	95	742.5	3	14700	11025	300	1470	7	200	685
124	111	97	742.5	3	15400	11550	300	1470	8	200	685
127	111	97	742.5	3	16100	12075	300	1470	8	200	695
130	114	100	742.5	3	16900	12675	300	1470	8	200	705
132	117	102	742.5	3	17800	13350	300	1470	9	200	705
137	120	107	742.5	3	18800	14100	300	1470	9	200	715
--	124	111	770	3	20000	15000	300	1470	9	200	725
--	127	114	770	3	21500	16125	300	1470	10	200	725
--	132	117	770	3	23000	17250	--	--	--	--	--



Weight of Anchor Chain Fittings
锚链附件重量表

Diameter mm	Common Link kgs	Enlarged Link kgs	End Link kgs	Joining Shackle Kenter kgs	Joining Shackle Type D kgs	Anchor Shackle Type D kgs	Swivel kgs	Swivel Shackle kgs
12.5	0.17	0.23	0.23	0.39	0.8	1.1	0.9	--
14	0.24	0.32	0.36	0.51	1.1	1.3	1.3	--
16	0.36	0.5	0.51	0.62	1.3	1.6	1.7	--
17.5	0.47	0.74	0.68	0.82	1.6	2.0	2.1	--
19	0.60	0.88	0.89	1.00	1.8	2.5	2.5	--
20.5	0.75	1.10	1.13	1.35	2.1	3.3	3.1	--
22	0.93	1.25	1.28	1.6	2.5	4.0	3.5	10
24	1.21	1.70	1.77	2.0	3.5	5.0	5.0	14
26	1.55	2.15	2.20	2.7	4.3	6.0	6.0	18
28	1.9	2.8	2.9	3.3	5.0	8.0	7.5	23
30	2.4	3.2	3.3	3.9	7.0	9.5	9.0	28
32	2.9	3.9	4.0	4.6	7.5	12.0	11.0	33
34	3.4	4.7	5.0	5.8	9.5	14.0	13.5	38
36	4.0	5.5	5.9	6.6	11.0	17.0	16.0	46
38	4.7	6.1	6.8	7.8	13.0	20.0	19.0	53
40	5.5	7.1	8.0	9.1	15.0	23.0	23.0	61
42	6.4	8.4	9.6	10.5	17.5	26.0	27.0	69
44	7.4	10.0	11.2	12.2	20.0	29.0	32.0	75
46	8.5	11.5	13.0	14.0	22.5	33	37.0	82
48	9.8	13.1	15.0	16.0	26.0	37	44.0	90
50	11	15	17	18	29	41	57	97
52	13	17	20	20	31	45	57	105
54	14	19	22	20	34	50	67	113
56	16	21	23	24	38	54	67	120
58	17	23	25	28	44	65	80	129
60	19	25	27	28	48	70	95	140
62	21	28	30	33	52	76	95	140
64	23	31	34	38	57	82	112	155
66	25	34	38	38	66	94	130	180
68	27	37	42	44	70	101	130	180
70	30	40	45	44	75	108	152	200
73	34	45	52	51	87	124	172	250
76	39	50	59	58	99	141	194	315

Weight of Anchor Chain Fittings
锚链附件重量表

Diameter mm	Common Link kgs	Enlarged Link kgs	End Link kgs	Joining Shackle Kenter kgs	Joining Shackle Type D kgs	Anchor Shackle Type D kgs	Swivel kgs	Swivel Shackle kgs
78	42	55	63	65	106	150	194	315
81	46	61	70	74	119	171	220	375
84	52	68	78	84	134	193	242	425
87	58	75	86	94	150	218	270	475
90	64	82	95	105	167	243	300	540
92	68	88	100	105	175	256	325	570
95	75	98	112	115	200	290	350	610
97	80	102	120	135	210	305	350	610
100	88	112	130	150	230	335	385	680
102	93	120	138	150	243	350	420	772
107	109	140	158	175	285	410	495	830
111	120	160	175	200	305	445	535	860
114	130	173	193	225	325	475	570	900
117	142	185	210	225	345	505	610	950
122	160	210	235	267	380	550	650	1000
127	182	235	260	315	420	600	720	1080
132	205	260	305	370	480	675	760	1150
137	230	285	330	390	550	750	900	1500
142	255	325	375	450	650	900	1100	1900

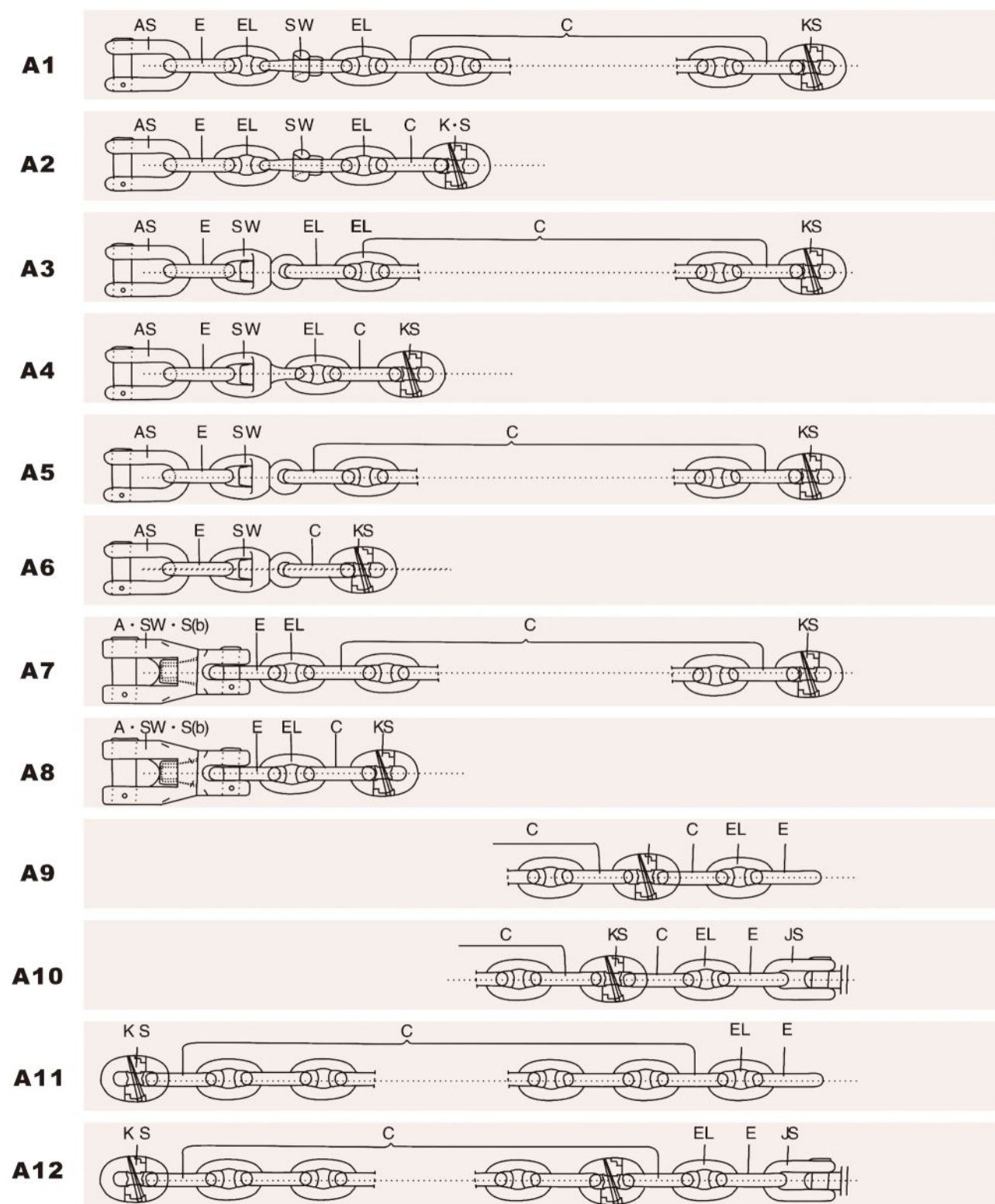
重量仅供参考，我司不对本表数据与实际提供产品差别负责。
The measurements are changed due to models.
Our company can not responsible for any deviations between this table and delivered products.



| Joining Form Fittings 连接方式 |

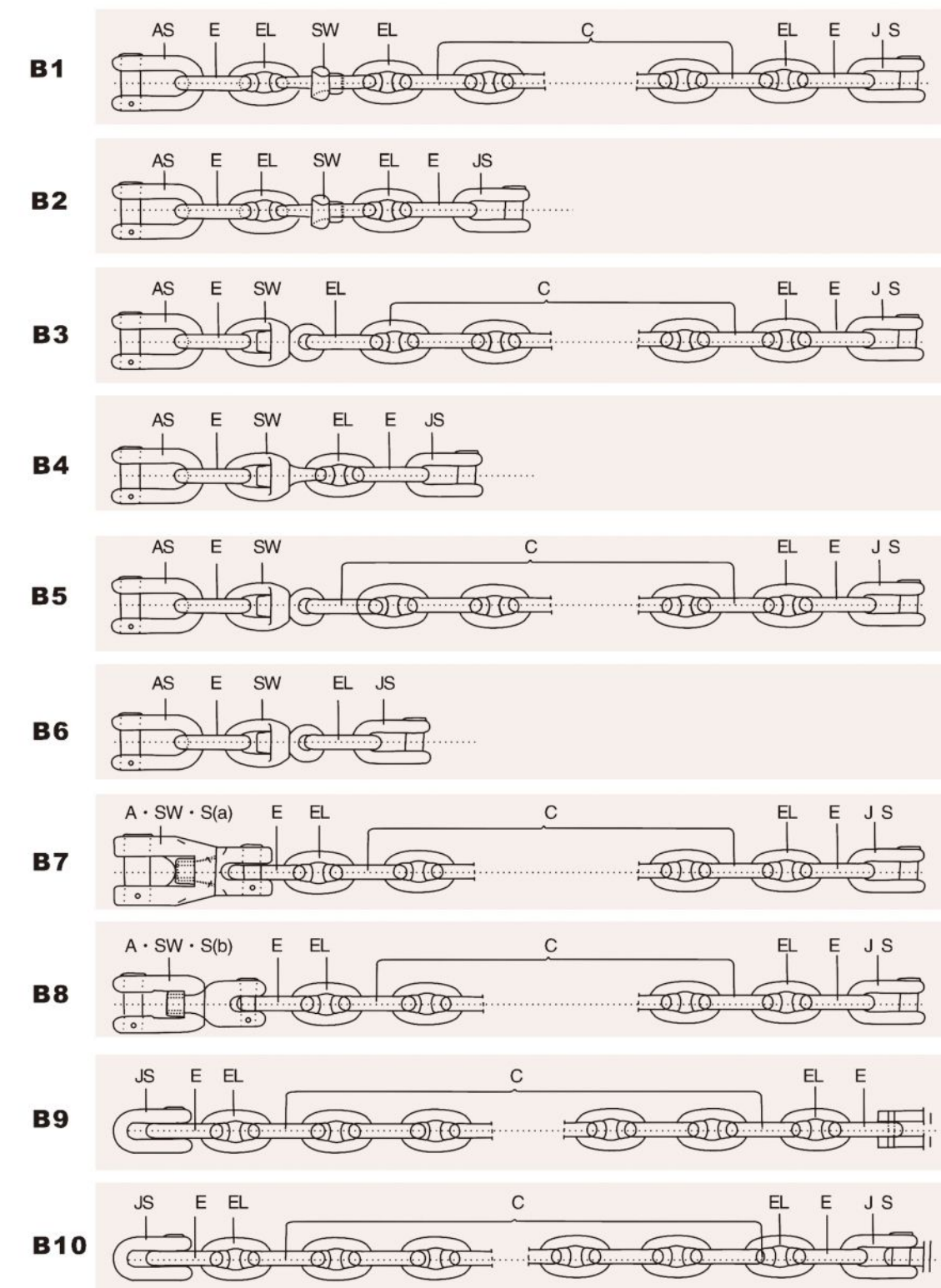
Arrangement Forms of anchor chain and fittings(KS)

肯特式连接链环连接形式



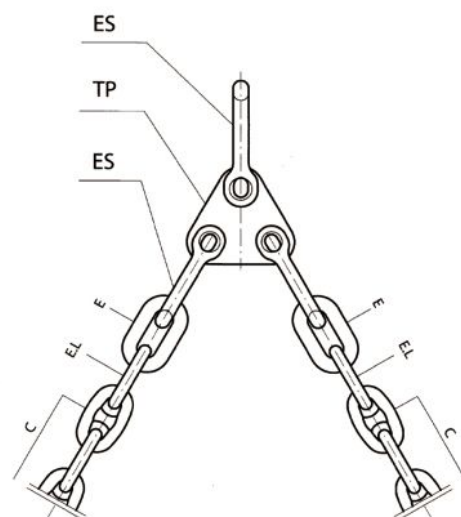
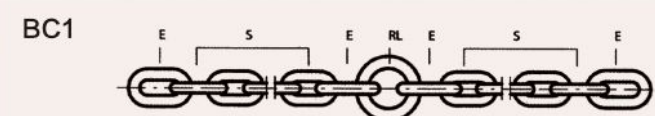
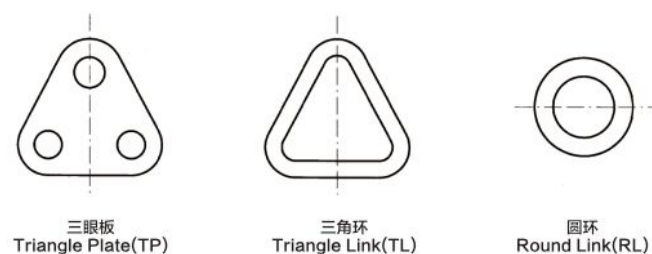
Arrangement Forms of anchor chain and fittings(JS)

“D”型连接卸扣连接形式

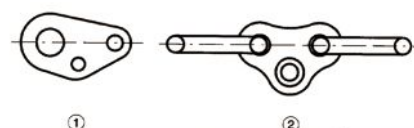
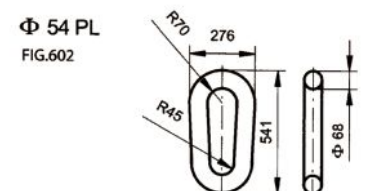
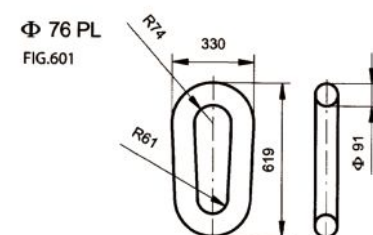
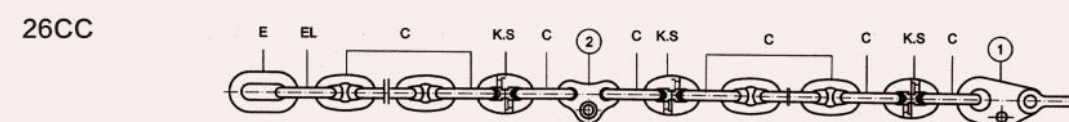
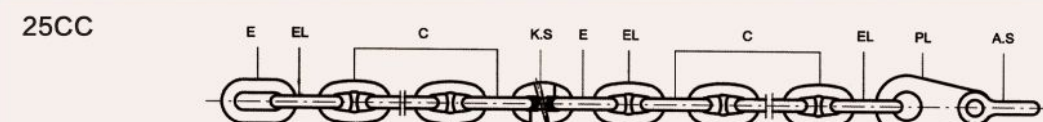
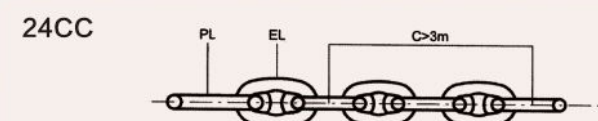
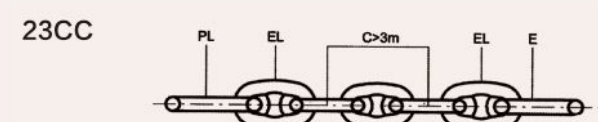
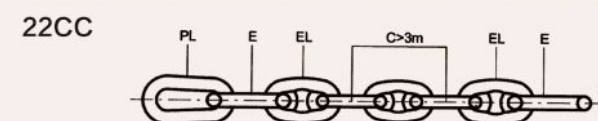


As the dimensions of the anchor ring are not standardized please check in every case the anchor ring can be fitted into A.S.(A.S.W.S)

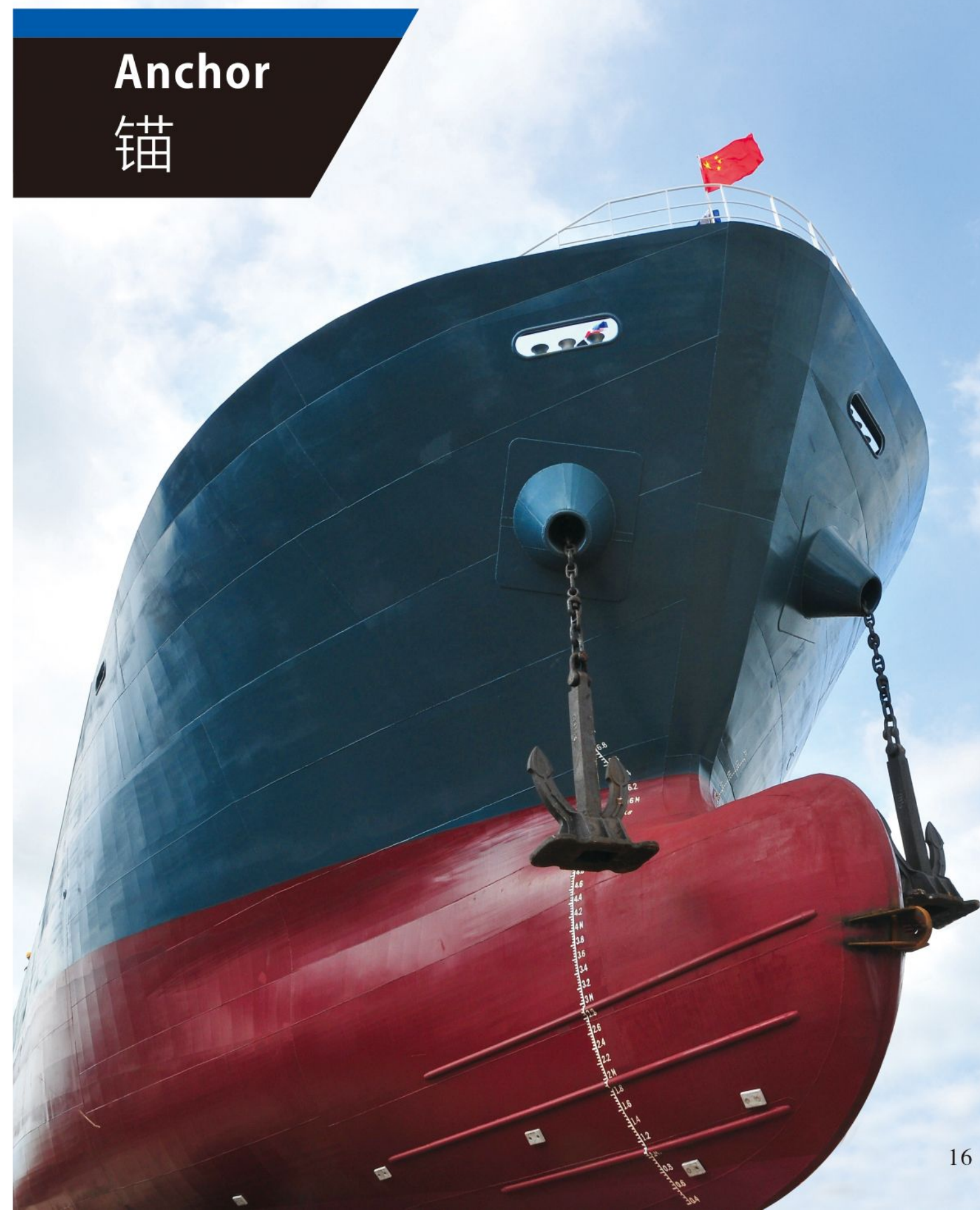
Buoy Chain=BC 浮筒链



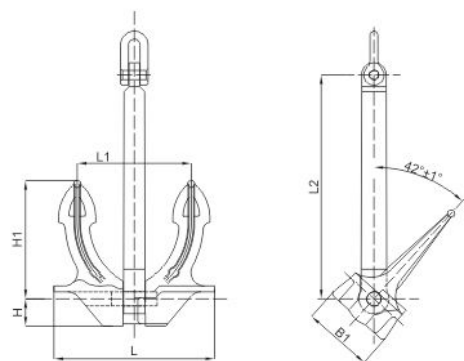
Chafe Chain=CC 摩擦链



Anchor 锚



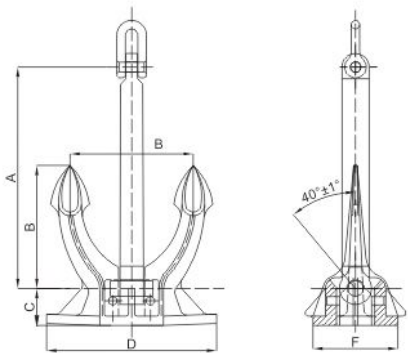
JIS Stockless Anchor
日式无杆锚



Nominal weight 锚的名义重量 kg	尺寸 mm					
	L	L1	L2	H	H1	B1
180	650	459	910	111	480	280
240	720	510	1010	122	530	310
300	770	540	1080	131	570	331
360	820	580	1150	139	610	353
420	860	610	1200	146	640	370
480	900	640	1260	153	670	387
570	950	670	1330	162	700	408
660	1000	710	1440	170	740	430
780	1060	750	1480	180	780	456
900	1110	780	1550	189	820	477
1020	1160	820	1620	197	860	500
1140	1200	850	1680	204	890	520
1290	1250	880	1750	212	920	540
1440	1300	920	1820	221	960	560
1590	1340	950	1880	228	990	580
1740	1380	980	1930	235	1020	600
1920	1430	1010	2000	243	1060	620
2100	1470	1040	2060	250	1090	640
2280	1510	1070	2110	257	1120	650
2460	1550	1100	2170	264	1150	670
2640	1590	1120	2230	270	1180	690
2850	1630	1150	2280	277	1210	700
3060	1670	1180	2340	284	1240	720
3300	1710	1210	2390	291	1270	740
3540	1750	1240	2450	298	1290	750
3780	1790	1260	2510	304	1320	770

Nominal weight 锚的名义重量 kg	尺寸 mm					
	L	L1	L2	H	H1	B1
4050	1830	1290	2560	311	1350	790
4320	1870	1320	2620	318	1380	800
4590	1910	1350	2670	325	1410	820
4890	1950	1380	2730	332	1440	840
5250	2000	1410	2800	340	1480	860
5610	2040	1440	2860	347	1510	880
6000	2090	1480	2930	355	1540	900
6450	2140	1510	3000	364	1580	920
6900	2190	1550	3070	372	1620	940
7350	2260	1600	3140	380	1660	960
7800	2280	1610	3190	388	1680	980
8300	2330	1650	3260	396	1720	1000
8700	2380	1670	3320	403	1750	1020
9300	2420	1710	3390	411	1790	1040
9900	2470	1740	3460	420	1820	1060
10500	2540	1800	3530	430	1880	1090
11100	2570	1820	3600	437	1900	1100
11700	2610	1840	3650	444	1930	1120
12300	2650	1870	3710	450	1960	1140
12900	2690	1900	3770	457	1990	1160
13500	2740	1940	3840	466	2020	1180
14100	2780	1960	3890	473	2050	1200
14700	2820	1990	3950	479	2080	1210
15400	2860	2020	4000	486	2110	1230
16100	2900	2050	4060	493	2140	1250

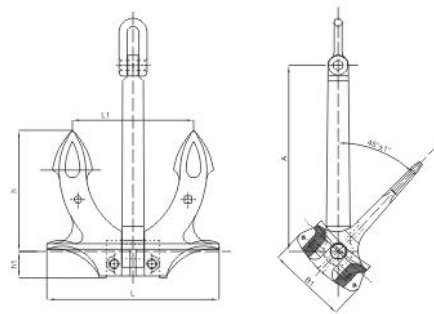
CB711-95 Spek Anchor / SR Type / M Type
斯贝克锚 / SR 型 / M型



Nominal weight 锚的名义重量 kg	尺寸 mm				
	A	B	C	D	F
100	672	373	112	515	250
150	770	428	128	590	290
180	846	470	140	640	300
240	900	500	150	690	358
300	990	550	166	760	398
360	1065	600	180	828	417
420	1080	600	180	828	431
480	1170	650	196	900	446
570	1170	650	196	900	475
660	1260	700	210	962	486
780	1355	750	225	1032	519
900	1445	800	240	1100	547
1020	1538	850	252	1170	573
1140	1620	900	268	1240	591
1290	1710	900	268	1240	620
1440	1710	950	279	1300	640
1590	1710	950	279	1300	671
1740	1800	1000	300	1378	669
1920	1850	1050	312	1454	704
2100	1890	1050	312	1454	717
2280	2010	1050	312	1454	736
2460	2010	1100	324	1514	764
2640	2070	1150	352	1584	794
2850	2070	1150	352	1584	804
3060	2155	1200	360	1650	802
3300	2155	1200	360	1650	834
3540	2350	1200	360	1650	834
3780	2400	1350	393	1850	880
4050	2430	1350	393	1850	917

Nominal weight 锚的名义重量 kg	尺寸 mm				
	A	B	C	D	F
4320	2520	1400	413	1926	914
4590	2520	1400	413	1926	931
4890	2520	1400	413	1926	954
5250	2610	1450	414	2000	964
5610	2610	1450	414	2000	981
6000	2700	1500	446	2060	1006
6450	2700	1500	446	2060	1028
6900	2890	1550	456	2138	1034
7350	2890	1550	456	2138	1062
7800	2920	1550	456	2138	1091
8300	3060	1700	510	2332	1126
8700	3060	1700	510	2332	1156
9300	3060	1700	510	2332	1188
9900	3160	1700	510	2332	1188
10500	3190	1770	531	2440	1187
11100	3290	1770	531	2440	1212
11700	3390	1770	531	2440	1237
12300	3440	1910	573	2632	1279
12900	3440	1910	573	2632	1279
13500	3440	1910	573	2632	1316
14100	3440	1910	573	2632	1353
14700	3690	2050	615	2824	1369
15400	3690	2050	615	2824	1369
16100	3690	2050	615	2824	1387
16900	3820	2120	636	2922	1415
17800	3950	2120	636	2922	1431
18800	3950	2190	657	3018	1461
20000	4070	2190	657	3018	1493
26000	4250	2360	716	3256	1618

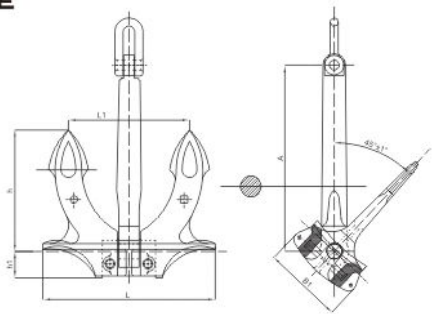
Type A B C Hall Anchor
霍尔锚A B C型



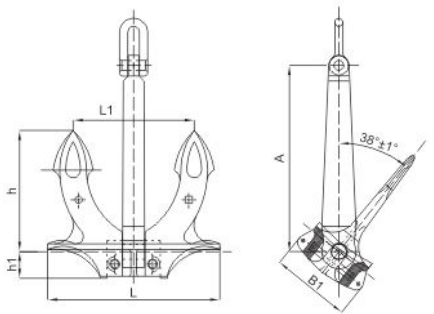
Type A Hall Anchor

Nominal weight 锚的名义重量 kg	A			h	h1	L	L1	B1
	A型	B型	C型					
40	557	557	430	303	67	430	303	198
60	637	637	492	347	76	492	347	227
100	760	760	590	410	90	584	410	270
125	814	814	629	443	97	629	443	290
150	866	866	665	470	103	670	470	308
180	919	919	710	500	110	710	500	327
240	1019	1019	788	552	121	784	552	361
300	1095	1095	850	595	130	844	595	388
360	1160	1160	898	630	138	898	630	412
420	1222	1222	946	660	145	946	660	434
480	1282	1282	986	690	152	988	690	454
570	1356	1356	1042	732	161	1042	732	481
660	1422	1422	1093	769	169	1096	769	506
780	1506	1506	1159	813	178	1160	813	535
900	1580	1580	1215	855	188	1220	855	560
1020	1645	1645	1268	891	195	1268	891	584
1140	1705	1705	1316	926	203	1319	926	605
1290	1778	1778	1378	965	211	1374	965	630
1440	1844	1844	1448	1001	219	1430	1001	655
1590	1906	1906	1511	1035	226	1475	1035	677
1740	1966	1966	1571	1068	234	1517	1068	698
1920	2031	2031	1602	1104	241	1568	1104	722
2100	2093	2093	1651	1136	249	1614	1136	743
2280	2150	2150	1716	1165	255	1657	1165	763
2460	2207	2207	1785	1194	262	1700	1194	784
2640	2259	2259	1843	1221	268	1741	1221	801
2850	2318	2318	1890	1253	275	1787	1253	822
3060	2374	2374	1935	1283	282	1832	1283	841
3300	2432	2432	1985	1317	288	1880	1317	862
3540	2490	2490	2032	1349	295	1926	1349	883
3780	2547	2547	2077	1376	302	1965	1376	902
4050	2610	2610	2125	1406	309	2008	1406	924
4320	2661	2661	2171	1435	316	2051	1435	943
4590	2712	2712	2216	1465	322	2093	1465	962
4890	2769	2769	2263	1498	329	2135	1498	984
5250	2836	2836	2317	1535	337	2185	1535	1008
5610	2899	2899	2369	1569	345	2234	1569	1031
6000	2965	2965	2422	1605	352	2284	1605	1054
6450	3037	--	2482	1644	361	2340	1644	1080
6900	3100	--	2538	1681	369	2393	1681	1105

Type A B C Hall Anchor
霍尔锚A B C型



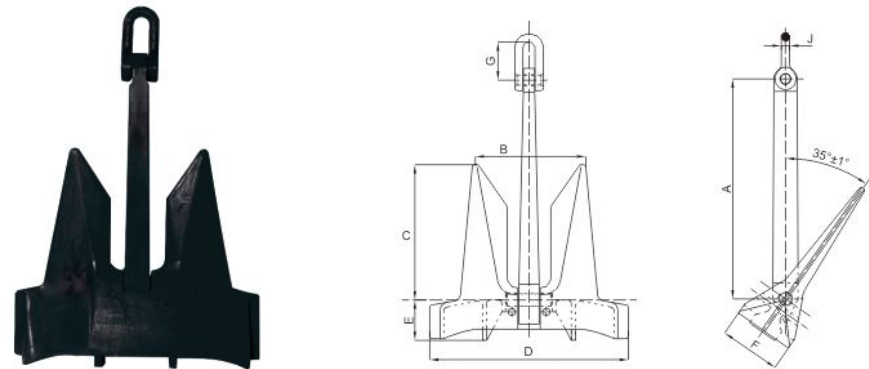
Type B Hall Anchor



Type C Hall Anchor

Nominal weight 锚的名义重量 kg	A			h	h1	L	L1	B1
	A型	B型	C型					
7350	3173	--	2592	1717	377	2444	1717	1129
7800	3235	--	2644	1752	385	2493	1752	1152
8300	3363	--	2699	1788	393	2545	1788	1176
8500	3355	--	2742	1816	399	2585	1816	1195
9300	3430	--	2804	1857	408	2643	1857	1222
9900	3502	--	2863	1896	417	2699	1896	1248
10500	3571	--	2920	1934	425	2752	1934	1273
11100	3638	--	2975	1970	433	2803	1970	1297
11700	3702	--	3028	2005	441	2853	2005	1320
12300	3764	--	3079	2039	448	2901	2039	1342
12900	3824	--	3128	2072	455	2947	2072	1363
13500	3882	--	3176	2104	462	2992	2104	1384
14100	3939	--	3222	2135	469	3036	2135	1404
14700	3994	--	3267	2165	476	3078	2165	1424
15400	4056	--	3318	2199	483	3126	2199	1446
16100	4117	--	3368	2232	490	3173	2232	1468
16900	4184	--	3423	2268	498	3225	2268	1492
17800	4252	--	3479	2308	506	3281	2308	1518
18800	4330	--	3543	2350	516	3341	2350	1546
20000	4420	--	3617	2399	526	3411	2399	1578
21500	4528	--	3705	2458	539	3494	2458	1617
23000	4631	--	3789	2514	551	3573	2514	1654
24500	4730	--	3870	2568	563	3649	2568	1689
26000	4825	--	3947	2619	574	3722	2619	1723
27500	4916	--	4021	2668	585	3792	2668	1756
29000	5004	--	4093	2716	595	3860	2716	1787
31000	5126	--	4188	2774	609	3949	2774	1822
33000	5234	--	4276	2833	622	4032	2833	1860
35500	5363	--	4381	2903	637	4132	2903	1906
38500	5510	--	4502	2982	655	4245	2982	1958
42000	5672	--	4634	3070	674	4370	3070	2015
46000	5847	--	4777	3165	695	4505	3165	2078

Type AC-14 HHP Anchor/SB HHP Anchor
AC-14 大抓力锚/AC-14 全平衡大抓力锚

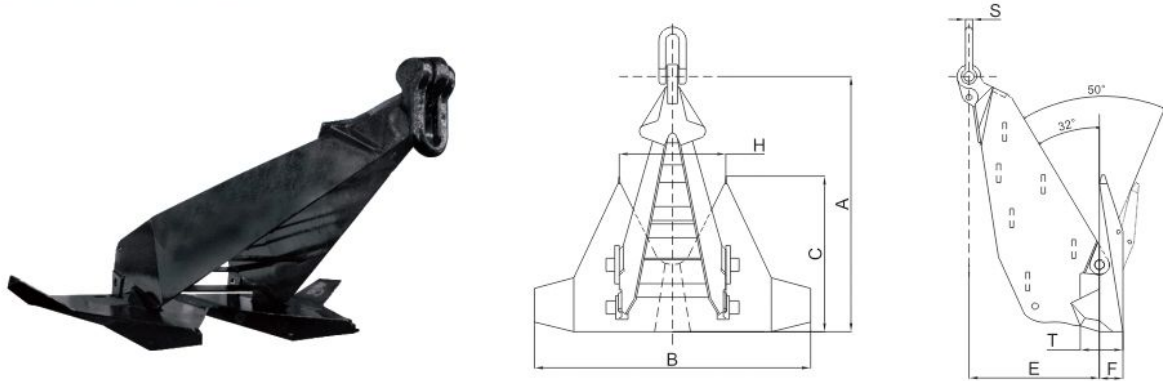


Nominal weight 锚的名义重量 kg	尺寸 mm							
	A	B	C	D	E	F	G	J
56	612	298	376	555	109	170	115	24
100	745	364	458	675	133	200	130	28
180	909	442	558	822	162	252	160	36
300	1075	524	660	975	194	298	192	45
428	1213	590	745	1098	216	336	215	48
675	1412	690	868	1278	250	390	255	60
765	1470	718	906	1335	263	408	255	60
910	1560	760	957	1410	273	430	280	62
1080	1650	805	1014	1495	294	455	280	62
1305	1760	858	1028	1595	315	485	310	68
1440	1818	885	1118	1645	324	505	310	68
1710	1925	940	1184	1745	343	532	310	68
2100	2065	1005	1270	1865	367	570	385	82
2475	2178	1062	1340	1970	385	602	385	82
2794	2265	1105	1393	2055	404	625	410	90
3550	2455	1198	1508	2225	438	680	410	90
4500	2655	1295	1632	2405	473	735	450	100
5610	2858	1396	1758	2590	509	790	500	110
6000	2922	1426	1796	2645	521	810	500	110
6900	3062	1496	1884	2775	546	848	540	117
7800	3190	1558	1962	2890	569	884	580	121
8300	3256	1590	2002	2950	581	902	600	130
9300	3382	1652	2080	3064	603	936	630	135
9900	3452	1686	2124	3128	616	956	640	140
10575	3523	1720	2166	3192	628	976	640	140
11100	3589	1752	2207	3252	637	994	660	145
11700	3650	1782	2245	3308	648	1010	680	150

Nominal weight 锚的名义重量 kg	尺寸 mm							
	A	B	C	D	E	F	G	J
12300	3712	1812	2283	3364	660	1028	700	155
12900	3772	1842	2320	3418	670	1044	700	155
13500	3830	1870	2355	3470	679	1060	700	155
14100	3885	1896	2389	3520	689	1076	730	160
14700	3940	1924	2423	3570	700	1090	730	160
15400	4002	1954	2461	3626	710	1108	730	160
16100	4062	1982	2498	3680	721	1125	770	170
16900	4128	2016	2538	3740	721	1144	770	170
17800	4200	2050	2583	3806	725	1162	800	180
18800	4277	2088	2630	3875	729	1185	800	180
20000	4350	2101	2694	3945	729	1185	820	199
25000	5046	2437	3125	4577	846	1375	848	230



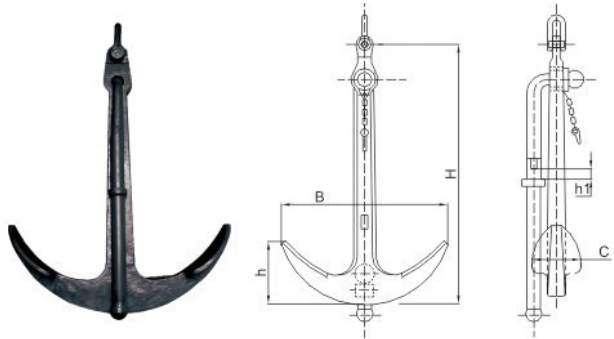
STEVEN-MK5 Type High Holding Power Anchor
斯蒂纹MK5型大抓力锚



Nominal weight 锚的名义重量 kg	尺寸 mm								Shackle model 卸扣型号
	A	B	C	E	F	H	T	S	
1000	2580	2780	1582	1314	236	1074	430	62	a14
1500	2954	3184	1812	1505	271	1230	493	80	a17
3000	3721	4011	2283	1896	342	1550	622	90	a19
5000	4412	4756	2707	2248	406	1837	738	110	a23
7000	4910	5290	3011	2500	453	2045	825	117	a25
8000	5161	5563	3166	2629	474	2149	862	130	a27
10000	5559	5992	3410	2832	511	2315	929	140	a29
12000	5908	6368	3624	3010	543	2460	988	150	a31
14000	6219	6704	3815	3169	572	2590	1040	160	a33
15000	6364	6860	3904	3242	585	2650	1064	170	a34
18000	6763	7290	4149	3446	622	2816	1131	180	a35
20000	7004	7550	4297	3569	644	2917	1171	190	a37
22000	7230	7794	4436	3684	665	3011	1209	200	a39
25000	7545	8133	4629	3844	694	3142	1262	200	a39
30000	8018	8643	4919	4085	737	3339	1341	220	a42

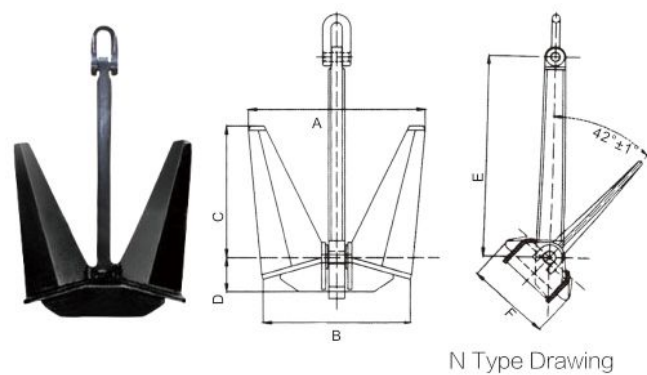


GB/T545-1996 Admiralty Anchor
海军锚



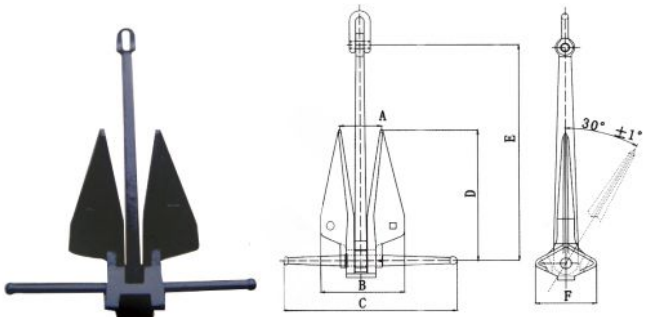
Nominal weight 锚的名义重量 kg	尺寸 mm				
	H	h	h1	B	C
50	960	230	42	635	185
75	1105	266	45	710	210
100	1215	293	49	780	230
125	1310	316	52	840	245
150	1395	336	55	900	265
200	1535	370	61	990	290
250	1650	398	65	1065	310
300	1755	423	70	1105	330
400	1930	465	77	1240	365
500	2080	502	84	1335	390
600	2210	533	89	1440	415
700	2330	560	93	1500	440
800	2435	587	97	1570	460
900	2530	610	101	1630	475
1000	2620	633	104	1685	495
1250	2825	680	112	1810	535
1500	3000	725	118	1955	565
2000	3300	797	131	2140	625
2500	3550	857	138	2270	672
3000	3780	912	150	2415	715
3500	3980	960	158	2540	750
4000	4160	1000	155	2650	785
5000	4480	1100	184	2830	800
6000	4740	1113	190	3000	438
7000	5025	1180	200	3165	960
8000	5240	1280	210	3300	980
9000	5450	1330	220	3440	990
10000	5680	1340	230	3600	1085

Pool Anchor N Type/TW Type
N型/TW型 波尔锚



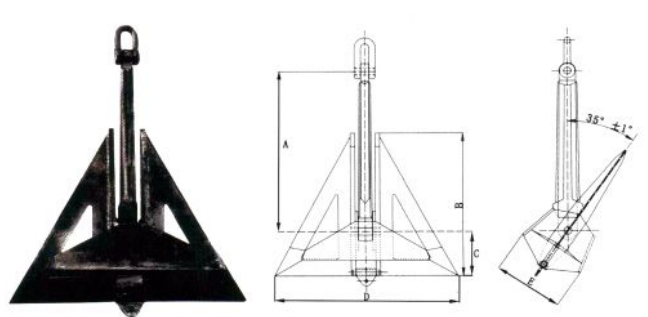
Nominal weight 锚的名义重量 kg	尺寸 mm					
	A	B	C	D	E	F
12	323	275	250	65	383	155
20	386	325	300	75	458	185
25	409	350	316	80	485	200
40	479	410	370	95	567	235
50	517	440	400	100	613	255
60	550	470	425	110	652	270
80	608	515	470	120	720	295
100	653	555	505	130	775	320
120	699	595	540	135	825	340
135	723	614	562	139	858	342
160	764	650	590	150	905	370
180	795	675	615	155	940	385
200	825	700	640	160	978	400
225	858	729	666	165	1016	406
240	880	745	680	175	1040	425
280	925	780	715	180	1092	450
320	964	820	745	190	1140	470
360	1005	855	780	195	1190	490
400	1040	885	805	205	1230	505
440	1074	910	830	210	1270	520
480	1105	940	855	215	1305	535
520	1133	960	875	220	1340	550
560	1165	985	900	230	1375	565
600	1191	1010	920	235	1410	580
640	1217	1035	940	240	1440	585
675	1237	1051	960	245	1464	590
720	1262	1075	975	250	1495	615
800	1310	1115	1015	255	1550	633

Danforth HHP Anchor
丹福斯大抓力锚

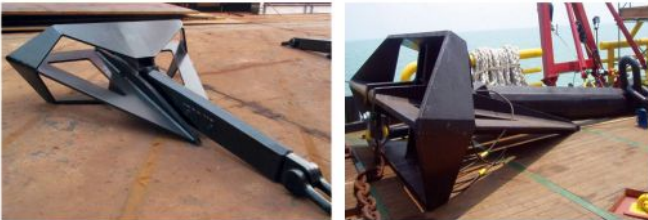


Nominal weight 锚的名义重量 kg	尺寸 mm					
	A	B	C	D	E	F
60	186	408	755	535	985	240
75	200	450	830	590	1080	260
100	216	490	930	640	1180	290
120	220	505	970	670	1230	300
125	234	520	1000	690	1270	310
150	242	550	1060	732	1348	330
200	266	600	1150	810	1490	360
250	294	650	1240	870	1600	390
276	296	660	1250	885	1620	400
300	312	690	1320	925	1700	420
400	342	750	1460	1010	1810	460
500	368	800	1570	1100	2020	490
750	414	910	1800	1260	2300	560
1000	450	980	1980	1380	2540	620
1250	484	1070	2100	1490	2740	670
1500	512	1120	2220	1580	2850	700
2000	560	1130	2440	1730	2910	770
2500	605	1217	2628	1864	3070	830
3000	640	1290	2790	1980	3330	880
4000	700	1420	3070	2170	3590	970
5000	735	1482	3200	2270	3840	1020
6000	800	1620	3500	2480	4100	1100
7000	840	1696	3850	2590	4180	1150
8500	910	1936	3940	2600	4490	1240
10000	940	2000	4150	2900	4640	1280

Delta HHP Anchor
德尔塔大抓力锚



Nominal weight 锚的名义重量 kg	尺寸 mm					Shackle model 卸扣型号
	A	B	C	D	E	
300	1080	960	300	1200	485	a10
500	1280	1138	356	1423	575	a12
750	1466	1303	407	1629	658	a13
1000	1613	1434	448	1793	724	a14
1500	1847	1642	513	2052	829	a15
2000	2033	1807	565	2259	913	a17
2500	2190	1946	608	2433	983	a18
3000	2327	2068	646	2585	1045	a19
3500	2449	2177	680	2722	1100	a21
4000	2561	2276	711	2846	1150	a22
5000	2759	2452	766	3065	1239	a23
6000	2932	2606	814	3257	1316	a24
7000	3086	2743	857	3429	1386	a26
7500	3158	2807	877	3509	1418	a26
8000	3227	2868	896	3585	1449	a27
9000	3356	2983	932	3729	1507	a28
10000	3476	3090	965	3862	1561	a29
11000	3588	3189	997	3987	1611	a30
12000	3694	3283	1026	4104	1659	a31
13500	3841	3415	1067	4268	1725	a33
15000	3979	3537	1105	4421	1787	a34
20000	4379	3893	1216	4866	1967	a36

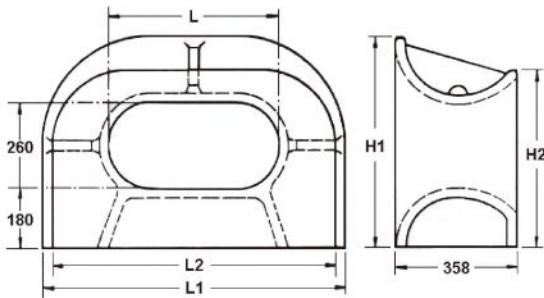


Deck Fittings & Equipment 舾装配件及船舶设备



| Chock 导缆孔 |

Panama Chock JIS F-2017 Type AC
巴拿马导缆孔 AC型

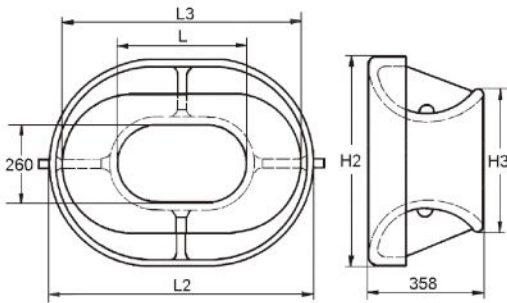


(JIS F-2017-AC)

Nominal Size (mm)	Dimensions (mm)					Mass (kgs)
	L	L1	L2	H1	H2	
310	310	708	652	639	541	253
360	360	760	704	640	542	289
400	400	804	750	642	545	323
450	450	856	802	643	547	351
500	500	908	854	644	549	395

舾装设备
Deck Fittings

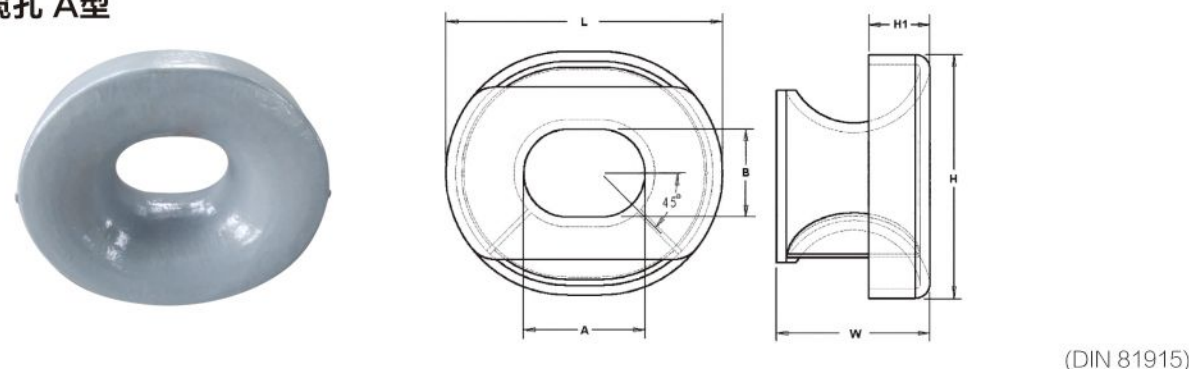
Panama Chock JIS F-2017 Type BC
巴拿马导缆孔 BC型



(JIS F-2017-BC)

Nominal Size (mm)	Dimensions (mm)					Mass (kgs)
	L	L2	L3	H2	H3	
310	310	734	652	684	462	276
360	360	788	701	688	464	305
400	400	832	750	692	470	344
450	450	886	802	696	474	385
500	500	940	854	700	478	422

Panama Chock DIN81915 Type A 巴拿马导缆孔 A型

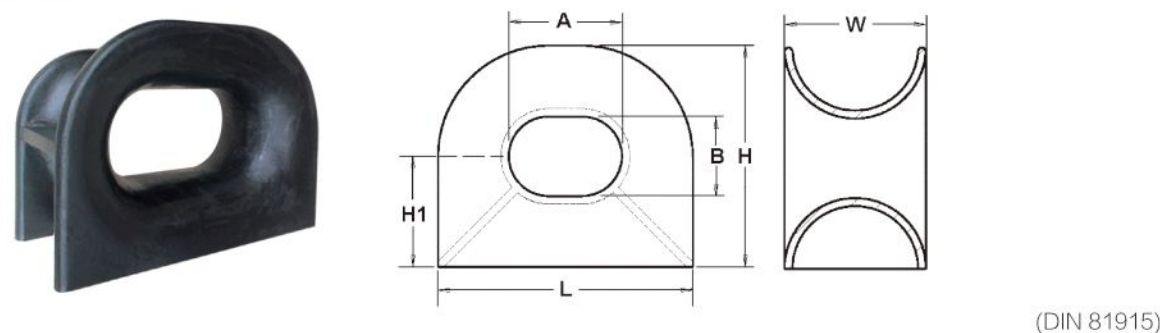


(DIN 81915)

Model	SWL (kn)	Dimensions (mm)						Mass (kgs)
		L	W	H	H1	A	B	
A2	20	360	200	315	70	160	115	30
A3	30	450	250	390	75	200	140	50
A5	50	550	300	480	80	250	180	85
A8	80	680	360	585	90	320	225	140
A12	125	840	440	710	110	400	270	210
A20	200	1020	520	840	130	500	320	320
A32	320	1300	700	1100	150	600	400	800

Remark :Type A2 A8=Single Chock according to Panama Rules.
Type A12 A32=Double Chock according to Panama Rules.

Panama Chock DIN81915 Type C 巴拿马导缆孔 C型



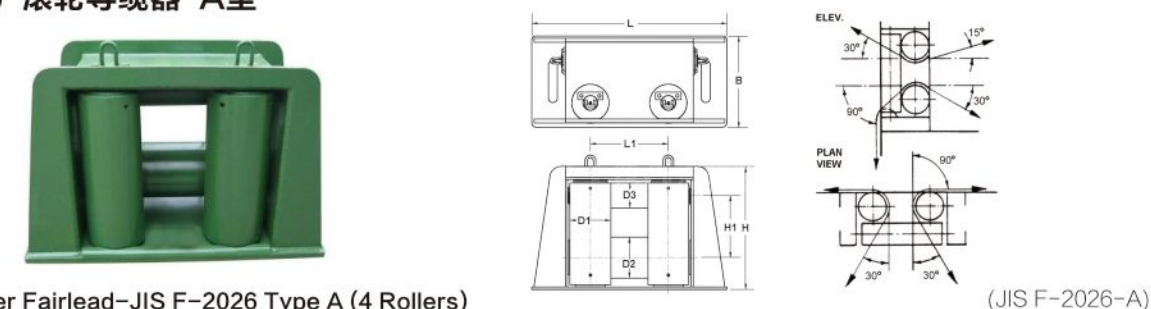
(DIN 81915)

Model	SWL (kn)	Dimensions (mm)						Mass (kgs)
		L	W	H	H1	A	B	
C2	20	360	200	316	158	160	115	29
C3	30	450	250	390	195	200	140	48
C5	50	550	300	480	240	250	180	85
C8	80	680	360	586	293	320	225	136
C12	125	840	440	710	355	400	270	211
C20	200	1020	520	840	420	500	320	356
C32	320	1300	700	1100	550	600	400	840

Remark :Type C2-C8=Single Chock according to Panama Rules.
Type C12-C32=Double Chock according to Panama Rules.

Roller Fairlead 滚轮导缆器

Horizontal Roller Fairlead – JIS F-2026 Type A JIS F 2026 滚轮导缆器 A型

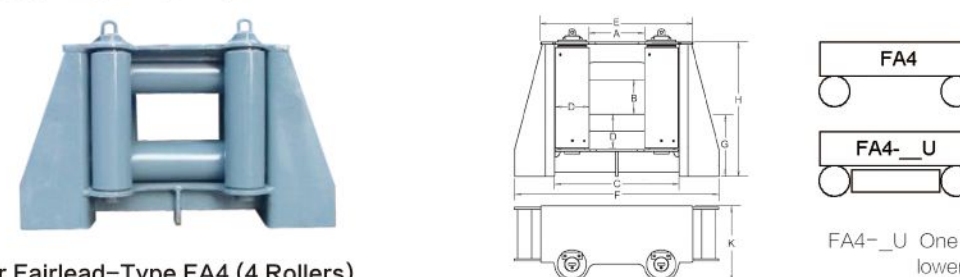


Horizontal Roller Fairlead–JIS F-2026 Type A (4 Rollers)

Nominal Dia. (mm)	Dimensions(mm)								Open Size	Wire Rope Dia.	SWL (Ton)	Mass (kgs)
	B	D1	D2	D3	H	H1	L	L1				
140	355	140	140	114	542	275	805	335	148 × 195	18	12	214
160	405	165	165	114	584	290	890	365	149 × 197	22.4	17	307
180	455	190	190	140	636	315	960	390	148 × 196	25	24	411
200	505	216	216	140	680	330	1049	420	150 × 226	28	28	568
250	610	267	267	165	824	415	1303	520	194 × 247	35	46	1000
315	715	318	318	216	998	420	1562	620	260 × 295	42	60	1624

Note: 1.MBL may be MBL of actual Mooring Line. 2.Inboard Line Leads may correspond to actual Leads to Winch Drum.
3.Position of Line in aperture to be assumed such as to produce max. stress in part investigated.
4.Assume highest position to calculate stress in frame and roller bearings ; At mid-length of Roller to calculate bending in Roller.

Universal Roller Fairlead – 4 Rollers/6Rollers/7Rollers 万向滚轮导缆器-4轮/6轮/7轮

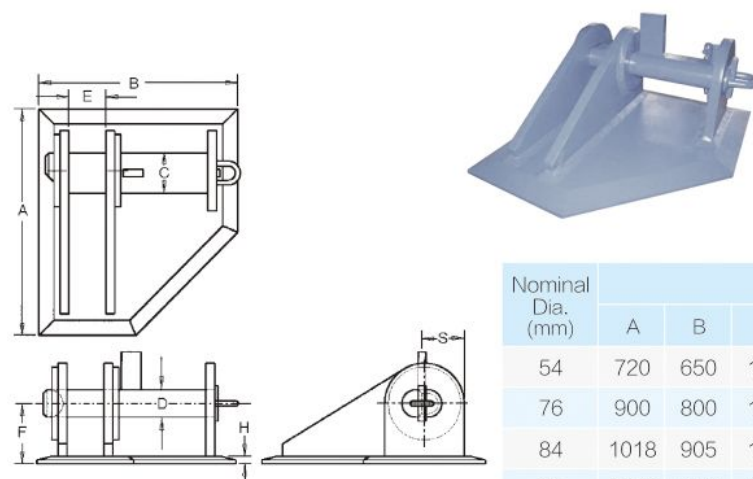


Universal Roller Fairlead–Type FA4 (4 Rollers)

Type	Rope Dia. (mm)	Dimensions(mm)									Mass (kgs)
		A	B	C	D	E	F	G	H	K	
FA4-12	12	180	100	356	80	446	650	160	370	170	75
FA4-16	16	230	130	446	100	546	785	200	480	210	120
FA4-20	20	250	130	506	120	714	900	250	520	250	180
FA4-24	24	280	160	576	140	716	1000	260	590	288	330
FA4-32	32	300	200	700	190	916	1185	340	752	415	580
FA4-40	40	400	250	900	245	1100	1479	450	970	548	1180
FA4-48	48	400	250	1018	300	1214	1700	470	1048	618	2210
FA4-56	56	400	250	1116	350	1336	1900	580	1216	710	2980
FA4-64	64	500	300	1360	420	1620	2300	720	1475	854	3680

Remark: 1.Design: For 1 Rope. 2.Mounting:Free on deck, welding into bulwark. 3.Bearing:High performance self-lubricating bearing.
4.SWL, Load Position, Safety Factor and Test Load : Please refer to recommended table (page 1).

| Smit Bracket 掣链器托架 |

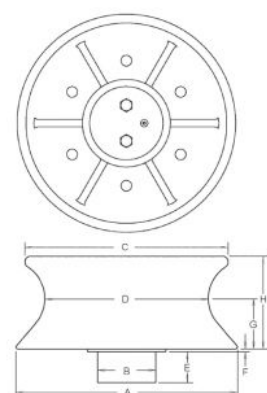


Type Approval
For Emergency Towing System and Single Point Mooring
By ABS, BV, DNV, LR's, NKK.
Size : 54mm and 76mm

Nominal Dia. (mm)	Dimensions(mm)								Mass (kgs)	SWL (kn)	MBL (kn)
	A	B	C	D	E	F	H	S			
54	720	650	115	75	100	205	30	118	195	1000	2000
76	900	800	160	110	150	240	30	170	390	2000	4000
84	1018	905	170	120	160	273	35	210	560	2500	5000
95	1120	940	195	135	170	290	40	276	760	3000	6570

| Warping Roller 滚轮 |

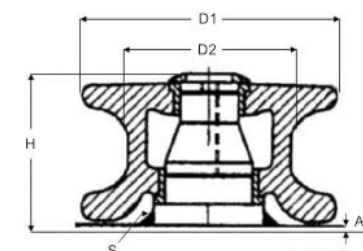
Warping Roller – DIN 81906-8



Nominal Dia. (mm)	Rope Dia. (mm)	Dimensions(mm)								Mass (kgs)	Rated Towing Pull (kn)	Breaking Strength of Wire (kn)
		A	B	C	D	E	F	G	H			
160	12	210	60	195	160	50	5	42	80	10	10	90
200	16	265	70	245	200	50	5	56	102	19	20	150
250	20	330	85	300	250	50	6	71	126	36	30	220
320	24	420	106	390	320	50	4	88	160	76	50	350
400	32	530	125	490	400	60	8	113	208	146	80	500
450	40	610	160	560	450	85	8	139	256	238	120	800
500	48	640	190	620	500	100	8	144	278	328	200	1150
560	52	780	230	740	560	150	8	183	348	551	320	1750

Remark : 1. with Warp Bushing. 2. Lubrication Free. 3. Sealed for bushing as requested. 4. DIN 81907- with Base.

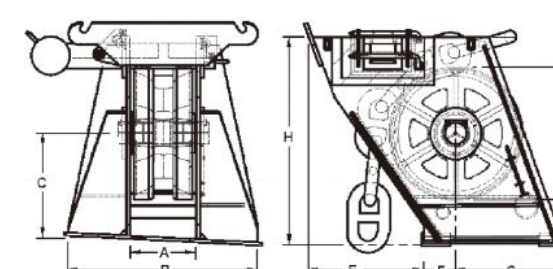
Guide Roller NS2585



Nominal Dia. (mm)	A	D1	D2	H	S	Weight (kg)	Breaking Load (Mp)
150	5	240	150	154	15	25	15.5
200	5	310	200	186	15	50	19.5
250	6	380	250	230	18	92	28
300	7	440	300	255	18	127	33
350	7	500	350	271	18	169	44
400	7	560	400	307	15	253	57
450	7	360	450	316	15	310	63

| Chain Stopper 掣链器 |

Chain Cable Stopper – Roller Type

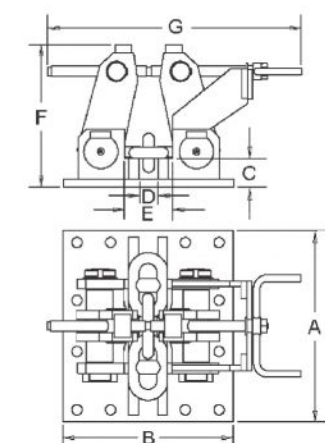
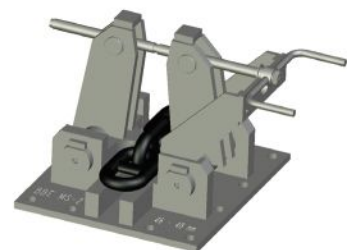


Feature:

1. Bronze Bushing.
2. Bar Stopper (Adjust on board to secure the Ship's Anchor at Anchor House).
3. Turnbuckle and Wire Stopper to secure the Ship's Anchor at Hawse Pipe.
4. Withstand 80% of Chain Cable's breaking load.
5. Incline Angle as request.
6. Port and Starboard Side as request.
7. Save Deck Space.

Rope Dia. (mm)	Dimensions(mm)								Mass (kgs)
	A	B	C	D	E	F	G	H	
20-26	150	350	275	270	125	200	375	475	165
28-34	200	450	350	270	235	240	425	550	200
36-44	250	560	340	444	275	270	520	600	380
46-52	300	640	625	530	235	325	680	750	650
54-58	330	740	515	620	320	380	800	900	1080
60-64	360	780	565	670	385	400	900	1000	1750
66-73	420	900	610	750	390	470	950	1100	2100
76-84	470	1000	680	870	430	520	980	1200	2850
87-95	530	1100	760	1000	520	610	1100	1350	3900
97-104	575	1225	880	1100	525	650	1250	1450	4900
107-114	640	1400	930	1250	620	720	1400	1650	4950
117-124	680	1450	1000	1350	720	780	1500	1750	5100
127-132	700	1500	1100	1450	810	820	1650	1920	5600

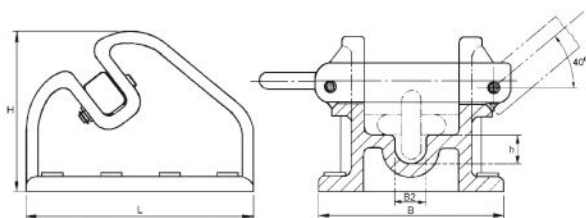
Chain Cable Stopper – Screw Type



Nominal Dia. of Chain (mm)	Dimensions(mm)							Pull Load (KN)	
	A	B	C	D	E	F	G	Grade 2	Grade 3
22 - 26	500	450	78	50	130	400	680	312	445
28 - 32	560	500	85	55	141	420	746	466	666
34 - 36	640	520	90	62	162	504	802	586	840
38 - 40	640	530	95	65	173	508	802	717	1024
42 - 44	700	600	104	72	192	512	900	864	1232
46 - 48	760	680	115	78	210	517	1000	1016	1448
50 - 52	820	760	128	86	230	540	1080	1180	1689
54 - 56	960	820	142	90	242	640	1180	1358	1943
58 - 60	1040	860	162	96	254	668	1220	1546	2213
62 - 64	1100	900	180	102	264	692	1320	1746	2497

Remark : 1. For Grade 2 and Grade 3 Chain. 2. Weld or Bolt Mounted on Deck.
3. Class A-Withstand 80% of Chain Cable Braking Load. 4. Port and Starboard Side as request.

JIS F-2002 Bar Type (Bolt Mounting)



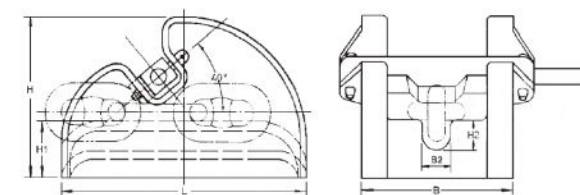
Chain Cable Stopper–JIS F-2002 Bar Type (Bolt Mounting)

(JIS F-2002)

Nominal No.	Cable Dia. (mm)	Dimensions(mm)					Mass (kgs)
		B	H	L	h	B2	
19	17-19	195	190	270	32	32	22
22	20-22	215	216	310	37	38	31
25	23-25	240	241	345	43	43	44
28	26-28	265	270	385	48	49	58
32	30-32	305	305	435	54	55	89
36	34-36	340	342	490	61	61	122
40	38-40	370	378	540	68	65	160
44	42-44	405	412	590	75	72	208
48	46-48	440	450	640	82	78	272
52	50-52	470	491	695	88	85	338
56	54-56	495	522	745	95	92	414
60	58-60	530	564	795	102	98	505
64	62-64	565	600	850	109	104	618
68	66-68	590	635	900	116	110	737

Remark : The Bar can be opened in right or left hand side.

JIS F-2015 Cast Steel Bar Type Chain Stopper



Chain Cable Stopper–JIS F-2015 Cast Steel Bar Type (Weld Mounting)

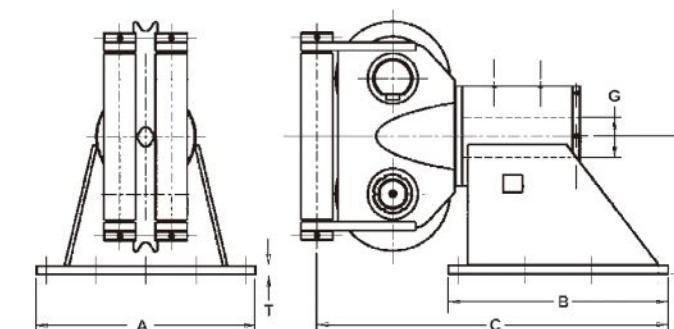
(JIS F-2015)

Nominal Dia. of Chain (mm)	Dimensions(mm)						Mass (kgs)
	B	B2	H	H1	H2	L	
38 - 40	336	65	378	130	68	540	110
42 - 44	366	72	412	142	75	590	138
46 - 48	397	78	450	155	82	640	177
50 - 52	428	85	491	170	88	695	214
54 - 56	457	92	528	182	95	745	261
58 - 60	488	98	465	195	102	795	319
62 - 64	517	104	600	208	109	850	396
66 - 68	547	110	635	220	116	900	482
70 - 73	582	117	675	233	125	960	609
76 - 78	617	123	715	245	133	1020	740

Remark: Size 62mm to 78mm counter-weight shall be equipped.
The Bar can be opened in right or left hand side.

Fairleader 导缆器

Double Sheave Fairleaders



Anchor Fairleader –Model: A-38,Deck Mounted,Double Sheave 2 Rollers

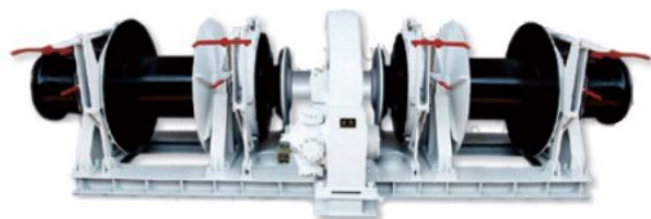
Wire Rope Diameter		Sheave Dia.(mm)	Dimensions(mm)						Mass (kg)
(mm)	(mm)		A	B	C	T	H	G	
25	1	254	486	420	722	20	277	70	210
32	1-1/4	305	570	492	839	20	342	104	365
38	1-1/2	406	780	782	1266	30	489	143	850
44	1-3/4	508	1064	914	1467	40	546	150	1520
50	2	610	1219	1067	1763	40	648	186	2600
64	2-1/2	762	1372	1219	2045	50	800	230	4000
76	3	938	1800	1500	2634	50	960	300	7200
82	3-1/4	1020	1800	2000	3186	50	1100	320	10800

Remark: Wire Rope at 90° wrap on sheave and 360° rotation of swivel head.
Optional: 1.Tail Sheave / Tail Roller as requested. 2. Bolt Mounted.

| Equipment 船舶设备 |



Electric Anchor Windlass
电动起锚机



Hydraulic Combined Anchor Mooring Windlass
液压起锚机系泊组合



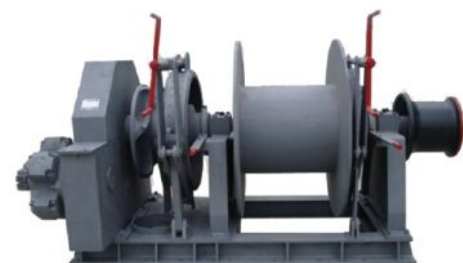
Electric Explosion Proof Mooring Winch
防爆电动系泊绞车



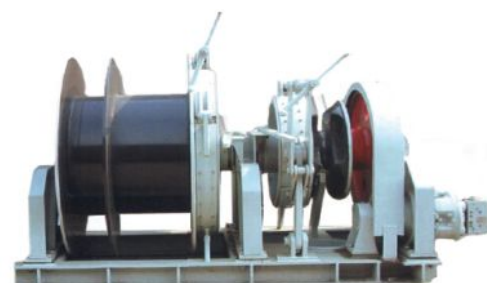
Electric Windlass Four Drums
电动四卷筒式起锚机



Hydraulic Single Chain Windlass(double Drum)
液压双侧单链式起锚机（双卷筒）



Hydraulic Single Chain Windlass(single Drum)
液压单侧单链式起锚机（单卷筒）



Anchor Twists Machine
锚绞机



Hydraulic Towing Winch
液压拖缆绞车



Hydraulic Winch
液压绞车



Electric Combined Anchor Mooring Winch
电动锚绞机



Hydraulic Windlass
液压起锚机



Hand Winch
手动绞车



Air Driven Capstan
气动绞盘



Electric Capstan
电动绞盘



Electric Anchor Capstan
电动锚绞盘



Hydraulic Anchor Capstan
液压锚绞盘



Marine Telescopic Boom Crane
船用伸缩臂起重机



Marine Knuckle Boom Crane
船用折臂起重机



Marine Hydraulic Service Crane
船用液压起重机

Mooring Ropes

缆绳



8-ply braided rope
八股编织绳



12-ply braided rope
十二股编织绳



16-ply braided rope
十六股编织绳



Three-ply rope
三股绳索



Double-layer multi-ply braided rope
双层多股编织绳



Safety net and Cargo net
安全网及吊货网

Fender & Air bag

护舷及气囊



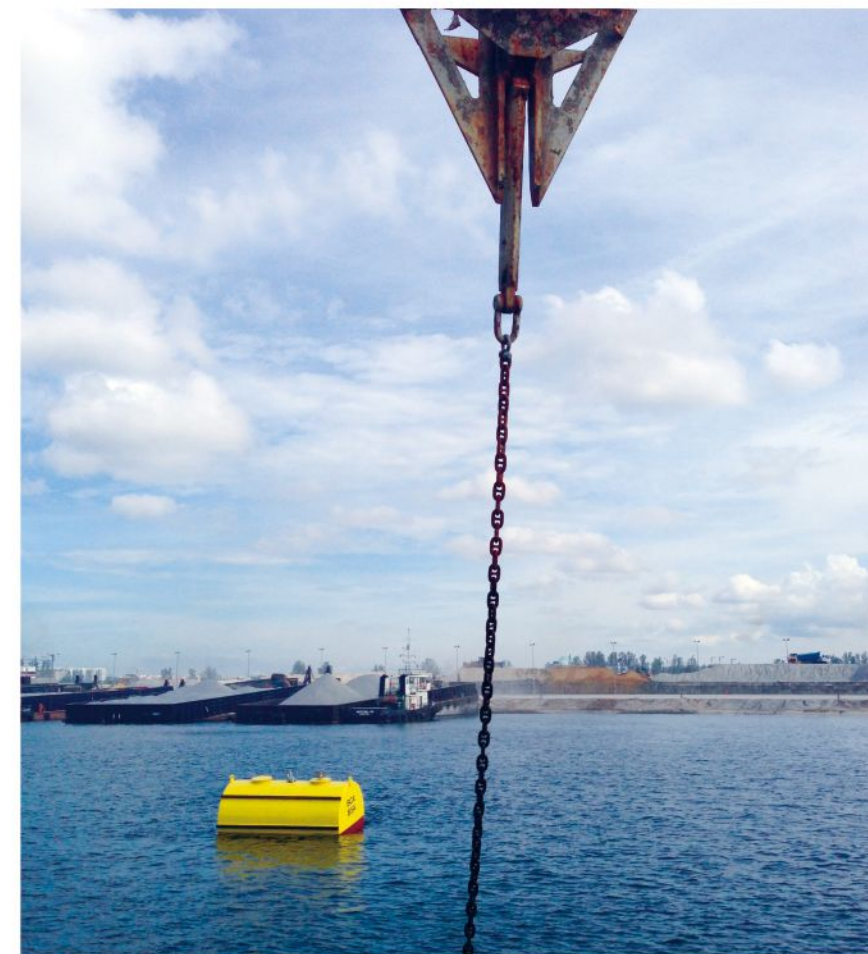
Sacrificial Anode

牺牲阳极



Mooring Buoy

浮筒





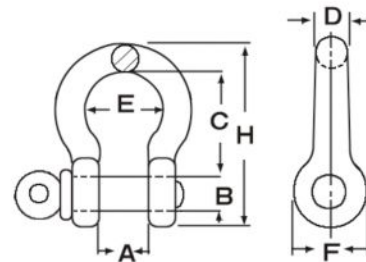
Marine Hardware Series 船舶五金系列



| Shackles 卸扣 |



G-209



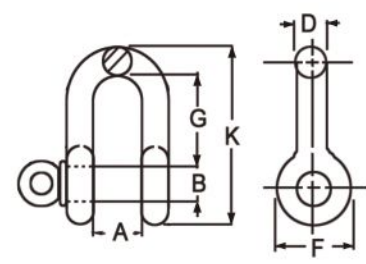
U.S. Type G209 Screw Pin Anchor Shackle, Drop Forged 美式弓型模锻卸扣

Available For Stainless Steel AISI 304/316

Nominal Size (in.)	Working Load Limit (tons)	Dimensions (in.)							Weight Each (lbs)	
		A	B	C	D	E	F	H	G-209	G-213
3/16	1/3	0.38	0.25	0.88	0.19	0.60	0.56	1.47	0.05	--
1/4	1/2	0.47	0.31	1.13	0.25	0.78	0.61	1.84	0.12	0.13
5/16	3/4	0.53	0.38	1.22	0.31	0.84	0.75	2.09	0.19	0.17
3/8	1	0.66	0.44	1.44	0.38	1.03	0.91	2.49	0.31	0.25
7/16	1-1/2	0.75	0.50	1.69	0.44	1.16	1.06	2.91	0.38	0.38
1/2	2	0.81	0.63	1.88	0.50	1.31	1.19	3.28	0.63	0.70
5/8	3-1/4	1.06	0.75	2.38	0.63	1.69	1.50	4.19	1.38	1.5
3/4	4-3/4	1.25	0.88	2.81	0.75	2.00	1.81	4.97	2.25	2.32
7/8	6-1/2	1.44	1.00	3.31	0.88	2.28	2.09	5.83	3.38	3.40
1	8-1/2	1.69	1.13	3.75	1.00	2.69	2.38	6.56	5.32	5.00
1-1/8	9-1/2	1.81	1.25	4.25	1.16	2.91	2.69	7.47	6.81	6.97
1-1/4	12	2.03	1.38	4.69	1.29	3.25	3.00	8.25	9.50	9.75
1-3/8	13-1/2	2.25	1.50	5.25	1.42	3.63	3.31	9.16	13.25	13.25
1-1/2	17	2.38	1.63	5.75	1.54	3.88	3.63	10.00	17.20	17.25
1-3/4	25	2.88	2.00	7.00	1.84	5.00	4.19	12.34	30.38	29.46
2	35	3.25	2.25	7.75	2.08	5.75	4.81	13.68	45.00	45.75
2-1/2	55	4.13	2.75	10.50	2.71	7.25	5.69	17.84	85.75	--



G-210



U.S. Type G210 Screw Pin Chain Shackle, Drop Forged 美式D型模锻卸扣

Available For Stainless Steel AISI 304/316

Nominal Size (in.)	Working Load Limit (tons)	Dimensions (in.)							Weight Each (lbs)	
		A	B	D	F	G	K	H	G-210	G-215
1/4	1/2	0.47	0.31	0.25	0.61	0.88	1.59	0.11	0.11	0.10
5/16	3/4	0.53	0.38	0.31	0.75	1.03	1.91	0.17	0.17	0.18
3/8	1	0.66	0.44	0.38	0.91	1.25	2.30	0.24	0.24	0.25
7/16	1-1/2	0.75	0.50	0.44	1.06	1.44	2.66	0.40	0.40	0.38
1/2	2	0.81	0.63	0.50	1.19	1.63	3.03	0.59	0.59	0.50
5/8	3-1/4	1.06	0.75	0.63	1.50	2.00	3.75	1.21	1.21	1.21
3/4	4-3/4	1.25	0.88	0.75	1.81	2.38	4.53	2.25	2.25	2.00
7/8	6-1/2	1.44	1.00	0.88	2.09	2.81	5.33	3.16	3.16	3.28
1	8-1/2	1.69	1.13	1.00	2.38	3.19	5.94	4.75	4.75	4.75
1-1/8	9-1/2	1.81	1.25	1.13	2.69	3.58	6.78	6.75	6.75	6.3
1-1/4	12	2.03	1.38	1.25	3.00	3.94	7.50	9.06	9.06	9.00
1-3/8	13-1/2	2.25	1.50	1.38	3.31	4.38	8.28	11.63	11.63	12.00
1-1/2	17	2.38	1.62	1.50	3.62	4.81	9.06	15.95	15.95	16.15
1-3/4	25	2.88	2.12	1.75	4.19	5.75	10.97	26.75	26.75	29.96
2	35	3.25	2.00	2.00	4.81	6.75	12.28	42.31	42.31	43.25
2-1/2	55	4.13	2.62	2.62	5.69	8.00	14.84	71.75	71.75	--

Note: * Drop Forged, Quenched And Tempered, With Alloy Pins.
* Max Proof Load Is 2.2 Times The Working Load Limit, Min Break Strength Is 6 Times W.L.L.

U.S. Type Bolt Type Safety Shackle, Drop Forged
美式模锻保险卸扣

Anchor Shackle

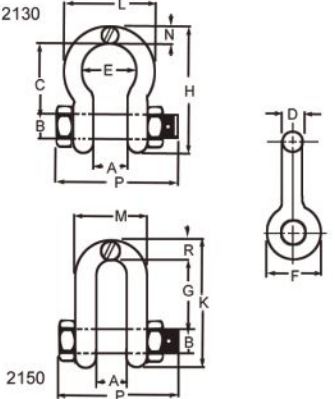


G-2130

Chain Shackle



G-2150



Available For Stainless Steel AISI 304/316

Nominal Size (in.)	Working Load Limit (tons)	Dimensions (in.)														2130 Weight Each (lbs)	2150 Weight Each (lbs)
		A	B	C	D	E	F	G	H	K	L	M	N	P	R		
3/16	1/3	0.38	0.25	0.88	0.19	0.60	0.56	--	1.47	--	0.98	--	0.19	1.29	--	0.06	--
1/4	1/2	0.47	0.31	1.13	0.25	0.78	0.61	--	1.84	--	1.28	--	0.25	1.56	--	0.17	0.13
5/16	3/4	0.53	0.38	1.22	0.31	0.84	0.75	--	2.09	--	1.47	--	0.31	1.82	--	0.22	0.23
3/8	1	0.66	0.44	1.44	0.38	1.03	0.91	--	2.49	--	1.78	--	0.38	2.17	--	0.33	0.33
7/16	1-1/2	0.75	0.50	1.69	0.44	1.16	1.06	--	2.91	--	2.03	--	0.44	2.51	--	0.49	0.49
1/2	2	0.81	0.63	1.88	0.50	1.31	1.19	1.63	3.28	3.03	2.31	1.81	0.50	2.80	0.50	0.79	0.75
5/8	3-1/4	1.06	0.75	2.38	0.63	1.69	1.50	2.00	4.19	3.75	2.94	2.31	0.69	3.53	0.63	1.68	1.47
3/4	4-3/4	1.25	0.88	2.81	0.75	2.00	1.81	2.38	4.97	4.53	3.50	2.75	0.81	4.07	0.81	2.72	2.58
7/8	6-1/2	1.44	1.00	3.31	0.88	2.28	2.09	2.81	5.83	5.33	4.03	3.19	0.97	4.71	0.97	3.95	3.85
1	8-1/2	1.69	1.13	3.75	1.00	2.69	2.38	3.19	6.56	5.94	4.96	3.69	1.06	5.31	1.00	6.12	5.55
1-1/8	9-1/2	1.81	1.25	4.25	1.13	2.91	2.69	3.58	7.47	6.78	5.16	4.06	1.25	5.09	1.25	8.27	7.60
1-1/4	12	2.03	1.38	4.69	1.25	3.25	3.00	3.94	8.25	7.50	5.75	4.53	1.38	6.51	1.38	11.71	10.81
1-3/8	13-1/2	2.25	1.50	5.25	1.38	3.63	3.31	4.38	9.16	8.28	6.38	5.00	1.50	7.21	1.50	15.83	13.75
1-1/2	17	2.38	1.63	5.75	1.50	3.88	3.63	4.81	10.00	9.06	6.88	5.38	1.62	7.73	1.62	20.80	18.50
1-3/4	25	2.88	2.00	7.00	1.75	5.00	4.19	5.75	12.34	10.97	8.86	6.38	2.25	9.05	2.12	33.91	31.40
2	35	3.25	2.25	7.75	2.00	5.75	4.85	6.75	13.68	12.28	9.97	7.25	2.40	10.41	2.00	52.25	46.75
2-1/2	55	4.13	2.75	10.50	2.62	7.25	5.69	8.00	17.84	14.84	12.87	9.38	3.13	13.56	2.62	98.25	85.00
3	85	5.00	3.25	13.00	3.00	7.88	6.50	8.50	21.50	16.88	14.36	11.00	3.62	16.50	3.50	154.00	124.25
3-1/2	120	5.25	3.75	14.63	3.62	9.00	8.00	--	24.63	--	16.50	--	4.12	19.00	--	265.00	--
4	150	5.50	4.24	14.50	4.10	10.00	9.00	--	25.69	--	18.12	--	4.56	19.75	--	338.00	--

Note: * Drop Forged, Quenched And Tempered,With Alloy Pins.
* Max Proof Load Is 2.2 Times The Working Load Limit,Min Break Strength Is 6 Times W.L.L.

European Type Large Dee Shackles
欧式D型卸扣

Same Size Diameter Pin With Body



Galvanized



Stainless Steel

Size mm	I.L. mm	S.W.L. kg	100pcs/N.W. kg
5	19	80	1.9
6	25	100	3.4
8	32	200	7
10	38	320	13
12	51	520	24
16	64	800	50
20	76	1100	80
22	89	1500	130
25	100	2100	200
28	115	3000	300
32	127	3500	430
38	152	5000	675
45	180	7000	1250
50	200	8000	1750

European Type Large Bow Shackles
欧式弓型卸扣

Same Size Diameter Pin With Body



Galvanized



Stainless Steel

Size mm	I.L. mm	S.W.L. kg	100pcs/N.W. kg
5	19	80	1.9
6	25	100	3.4
8	32	200	7
10	38	320	13
12	51	520	26
16	64	800	50
20	76	1100	80
22	89	1500	130
25	100	2100	200
28	115	3000	310
32	127	3500	430
38	152	5000	700
45	180	7000	1250
50	200	8000	1750

JIS Type Screw Pin Chain Shackle
日式D型卸扣

Same Size Diameter Pin With Body



Galvanized



Stainless Steel

Nominal Size mm	in.	I.L. mm	S.W.L. ton	N.W. kg
4.8	3/16	18.5	0.09	0.014
6	1/4	25	0.15	0.028
8	5/16	31	0.25	0.049
9	3/8	36	0.4	0.073
12	1/2	46	0.6	0.18
16	5/8	59	0.8	0.42
19	3/4	74	1	0.72
22	7/8	86	1.5	1.18
25	1	95	2	1.8
28	1-1/8	110	2.5	2.5
32	1-1/4	130	3.2	3.7
38	1-1/2	145	4.2	6.1
44	1-3/4	160	6.5	--
50	2	185	8	--
65	2-1/2	240	15	--
75	3	300	20	--

JIS Type Screw Pin Anchor Shackle
日式弓型卸扣

Same Size Diameter Pin With Body



Galvanized

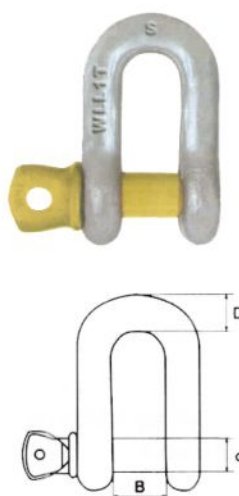


Stainless Steel

Nominal Size mm	in.	I.L. mm	S.W.L. ton	N.W. kg
4.8	3/16	18.5	0.09	0.026
6	1/4	25	0.15	0.028
8	5/16	31	0.25	0.065
9	3/8	36	0.4	0.08
12	1/2	46	0.6	0.2
16	5/8	59	0.8	0.495
19	3/4	74	1	0.8
22	7/8	86	1.5	1.26
25	1	95	2	1.9
28	1-1/8	110	2.5	2.65
32	1-1/4	130	3.2	4
38	1-1/2	145	4.2	7
44	1-3/4	160	6.5	--
50	2	185	8	--
65	2-1/2	240	15	--
75	3	300	20	--

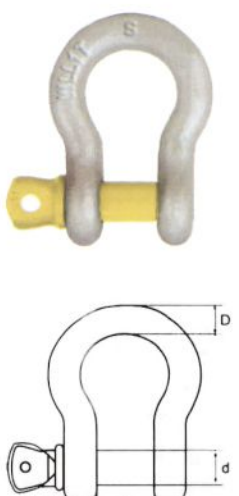
Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Grade S Dee Shackle AS2741 Standard
S级澳标AS2741 D型卸扣



Size mm	S.W.L. ton	D mm	d mm	B mm
6	0.5	6	8	12
8	0.75	8	10	13
10	1	10	11	17
11	1.5	11	13	18
13	2	13	16	21
16	3.2	16	19	27
19	4.7	19	22	32
22	6.5	22	25	37
25	8.5	25	29	43
29	9.5	29	32	46
32	12	32	35	52
35	13.5	35	38	57
38	17	38	41	60
44	25	44	51	73
51	35	51	57	83

Grade S Bow Shackle AS2741 Standard
S级澳标AS2741弓型卸扣



Size mm	S.W.L. ton	D mm	d mm	B mm
6	0.5	6	8	12
8	0.75	8	10	13
10	1	10	11	17
11	1.5	11	13	18
13	2	13	16	21
16	3.2	16	19	27
19	4.7	19	22	32
22	6.5	22	25	37
25	8.5	25	29	43
29	9.5	29	32	46
32	12	32	35	52
35	13.5	35	38	57
38	17	38	41	60
44	25	44	51	73
51	35	51	57	83

Large Dee BS3032 Shackle
BS3032 D型卸扣



Size mm	I.L. mm	S.W.L. kg	N.W. kg
6	25	150	0.1
10	38	450	0.16
12	54	750	0.33
16	64	1250	0.63
20	73	2000	0.98
22	83	2750	1.5
25	95	3750	2.18
28	105	4750	3.02
32	115	5750	4.05
38	138	8500	6.4
45	155	11500	10.3
50	188	15000	19.1

Large Bow BS3032 Shackle
BS3032弓型卸扣



Size mm	I.L. mm	S.W.L. kg	N.W. kg
6	29	150	0.11
10	41	450	0.17
12	54	750	0.35
16	70	1250	0.66
20	86	2000	1.02
22	98	2750	1.57
25	108	3750	2.3
28	124	4750	3.2
32	137	5750	4.3
38	168	8500	6.8
45	206	11500	11
50	238	15000	20

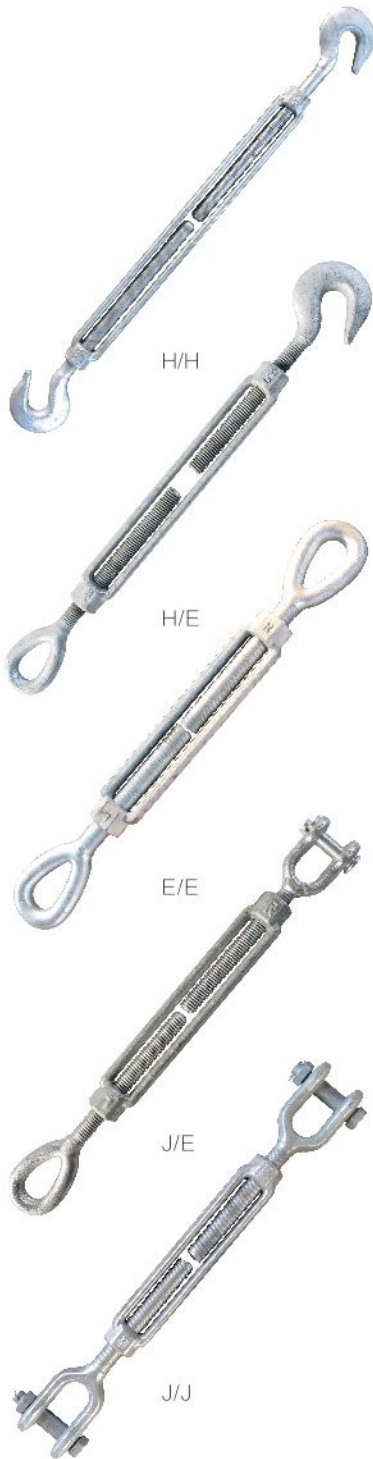
Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Trawling Shackle With Screw Pin
拖网卸扣



Turnbuckles 花兰

U.S. Type Drop Forged Turnbuckle
美式锻打花兰



Thread dia & Take up (inch)	W.L.L. (lbs)					Approx Weight Each(lbs)				
	H/H	H/E	E/E	J/E	J/J	H/H	H/E	E/E	J/E	J/J
1/4 × 4	400			500		0.30	0.30	0.30	0.32	0.39
5/16 × 4-1/2	700			800		0.47	0.47	0.46	0.47	0.54
3/8 × 6	1000			1200		0.75	0.75	0.73	0.76	0.83
1/2 × 6	1500			2200		1.60	1.60	1.46	1.53	1.57
1/2 × 9	1500			2200		1.83	1.83	1.71	1.76	1.95
1/2 × 12	1500			2200		2.08	2.08	2.19	2.20	2.24
5/8 × 6	2250			3500		2.75	2.75	2.47	2.65	2.80
5/8 × 9	2250			3500		3.13	3.13	2.90	3.06	3.35
5/8 × 12	2250			3500		3.50	3.50	3.48	3.78	4.00
3/4 × 6	3000			5200		3.89	3.89	3.90	4.00	4.30
3/4 × 9	3000			5200		4.61	4.61	4.60	4.75	4.89
3/4 × 12	3000			5200		5.43	5.43	5.46	5.76	5.90
3/4 × 18	3000			5200		7.25	7.25	6.97	7.00	7.52
7/8 × 6	4000			7200		5.85	5.85	5.85	6.29	6.84
7/8 × 12	4000			7200		8.10	8.10	7.65	8.00	8.60
7/8 × 18	4000			7200		9.95	9.95	10.25	10.60	11.44
1 × 6	5000			10000		9.33	9.33	8.98	9.16	9.44
1 × 12	5000			10000		11.93	11.93	11.31	11.40	11.53
1 × 18	5000			10000		14.00	14.00	14.00	14.75	16.10
1 × 24	5000			10000		17.25	17.25	16.02	17.50	18.60
1-1/4 × 6	6500			15200		15.45	15.45	15.45	16.03	16.69
1-1/4 × 12	6500			15200		19.00	19.00	19.00	20.00	23.00
1-1/4 × 18	6500			15200		23.00	23.00	22.50	24.18	26.60
1-1/4 × 24	6500			15200		27.00	27.00	25.00	28.50	31.20
1-1/2 × 12	7500			21400		27.50	27.50	27.00	31.10	35.50
1-1/2 × 18	7500			21400		31.00	31.00	31.69	35.00	40.70
1-1/2 × 24	7500			21400		37.50	37.50	38.20	44.20	47.60
1-3/4 × 18	--			28000	--	--	--	45.20	48.80	52.40
1-3/4 × 24	--			28000	--	--	--	58.00	60.00	64.00
2 × 24	--			37000	--	--	--	81.57	102.00	115.00
2-1/2 × 24	--			60000	--	--	--	180.00	183.00	200.00
2-3/4 × 24	--			75000	--	--	--	210.00	214.00	248.00

* PROOF LOAD IS 2.5 TIMES OF W.L.L.; M.B.S.IS 5 TIMES OF W.L.L.

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Turnbuckle DIN1480 With Hook & Eye Or Plates

德标DIN1480花兰,钩/圈,平板式



Size mm	Body Length mm	S.W.L. n	Weight kg	Size mm	Body Length mm	S.W.L. n	Weight kg
M6	110	2250	0.078	M20	200	27000	1.56
M8	110	4100	0.15	M22	220	32000	2.3
M10	125	6500	0.294	M24	255	39200	3.25
M12	125	9300	0.363	M30	255	62500	4.15
M16	170	17700	0.56	M36	295	91000	7.45

JIS Frame Type Turnbuckle With Eye & Eye, Hook & Eye, Hook & Hook

日式开体花兰,圈/圈,钩/圈,钩/钩



Size mm	Body Length mm	Weight (kg/pc)			T.L. ton
		Eye & Eye	Hook & Eye	Hook & Hook	
6	100	0.116	0.114	0.112	1
8	125	0.22	0.218	0.215	1.2
9	150	0.3	0.293	0.29	1.5
12	200	0.58	0.585	0.57	2
16	250	1.07	1.05	1.03	3
19	300	1.77	1.78	1.77	4
22	325	2.55	2.58	2.6	5
25	350	3.79	3.77	3.72	6
32	400	7.6	7.52	7.44	8

Italian Type Malleable Turnbuckle With Hook & Eye

意大利式花兰,钩/圈



Size mm	Body Length mm	Weight kg	Size mm	Body Length mm	Weight kg
M12	140	0.3	M20	220	1.31
M14	162	0.54	M22	240	1.27
M16	190	0.71	M24	250	2.32
M18	200	1	--	--	--

U.S. Type Turnbuckle Split Body With Eye & Eye, Jaw & Jaw

美式开体花兰,眼/眼,叉/叉



Size in.	M.B.S. lbs	Weight (kg/pc)	
		E/E	J/J
3/4 x 18	23000	3.3	3.9
7/8 x 18	31000	4.3	4.2
1 x 18	38000	5.9	6.9

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Turnbuckle Commercial Type(Malleable Iron) With Hook & Eye

普通玛钢花兰,钩/圈



Size mm	Body Length mm	S.W.L. kg	Weight kg	Size mm	Body Length mm	S.W.L. kg	Weight kg
6	100	100	0.16	16	250	1000	1.44
8	125	200	0.24	20	300	1500	2.25
10	150	300	0.36	22	330	2200	3.53
12	200	500	0.64	24	350	3000	4.34

Korean Type Malleable Trunbuckle With Eye & Eye

韩式六方花兰,圈/圈



Size in.	Body Length mm	Weight kg/pc	Size in.	Body Length mm	Weight kg/pc
3/16	57.4	0.03	5/8(long)	350	1.54
5/16	90	0.145	3/4	250	1.67
3/8	160	0.345	3/4(long)	300	2.05
1/2	190	0.56	7/8	330	2.565
1/2(long)	225	0.79	1	350	3.655
5/8	250	1.12	--	--	--

Rigging Screws With Jaw & Jaw, Eye & Eye, Jaw & Eye

封闭花兰,叉/叉,圈/圈,叉/圈



Galvanized



Stainless Steel

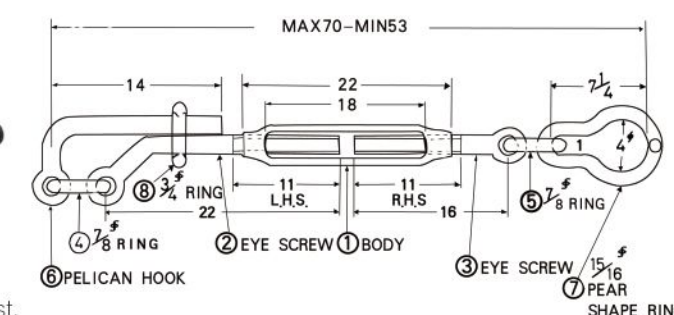
Size mm	S.W.L. kg	Body Length mm	Weight kg
6	100	102	0.1
8	150	127	0.2
10	380	152	0.4
12	500	229	1
16	760	229	1.4
20	1200	229	2
22	1700	305	3.4
24	2200	356	4.4
27	2800	356	5.5
33	3800	381	8

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Deck Lashing Turnbuckles 捆绑花兰



Material: Drop forged high tensile steel
Standard: Formerly U.S. Federal Specification FF-C-450D
Finish: Hot dipped galvanized
Certificated: A works certificated can be supplied upon request.



| Wire Rope Clips 卡头 |

U.S. Type Malleable Wire Rope Clips 美式玛钢卡头



Size in.	N.W. kg	Size in.	N.W. kg	Size in.	N.W. kg	Size in.	N.W. kg
1/8	0.015	5/16	0.0595	1/2	0.1742	3/4	0.35
3/16	0.03	3/8	0.1001	9/16	0.2256	7/8	0.53
1/4	0.0518	7/16	0.1143	5/8	0.2484	1	0.666

U.S. Type Forged Wire Rope Clips 美式模锻卡头



Size in.	N.W. lbs	Size in.	N.W. lbs	Size in.	N.W. lbs	Size in.	N.W. lbs	Size in.	N.W. lbs
1/8	0.06	3/8	0.47	5/8	1.06	1-1/8	2.9	1-5/8	7
3/16	0.1	7/16	0.76	3/4	1.5	1-1/4	4.3	1-3/4	9.25
1/4	0.2	1/2	0.8	7/8	2.12	1-3/8	4.6	2	13
5/16	0.3	9/16	1.04	1	2.6	1-1/2	5.4	2-1/4	16

DIN 741 Malleable Wire Rope Clips 德标DIN741卡头



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
3	0.014	8	0.041	13	0.13	19	0.28	30	0.66
5	0.015	10	0.068	14	0.135	22	0.4	34	0.85
6.5	0.021	11	0.072	16	0.21	26	0.44	40	1.04

DIN 1142 Malleable Wire Rope Clips 德标DIN1142卡头



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
5	0.0208	10	0.092	19	0.49	30	1.4
6.5	0.04	13	0.275	22	0.68	34	2.13
8	0.082	16	0.43	26	1.17	40	2.68

Type A Malleable Wire Rope Clips A型玛钢卡头



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
6	0.025	12	0.18	22	0.62	32	1.57	50	4.8
8	0.045	15	0.28	25	0.85	40	2.61	--	--
10	0.09	20	0.47	28	1.2	45	3.63	--	--

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Type B Malleable Wire Rope Clips B型玛钢卡头



Size in.	N.W. kg	Size in.	N.W. kg	Size in.	N.W. kg	Size in.	N.W. kg
1/8	0.0117	5/16	0.038	5/8	0.2308	7/8	0.571
3/16	0.017	3/8	0.0793	11/16	0.268	1	0.8843
1/4	0.0253	1/2	0.144	3/4	0.443	--	--

Australian Type Malleable Wire Rope Clips 澳式玛钢卡头



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
6	0.031	12	0.215	18	0.5	25	1.12
8	0.056	14	0.23	20	0.54	--	--
10	0.12	16	0.49	22	0.6	--	--

Thailand Type Malleable Wire Rope Clips 泰式玛钢卡头



Size mm	N.W. kg	Size mm	N.W. kg
3	0.016	8	0.037
5	0.018	10	0.079
6	0.034	12	--

Note: Available Drop Forged Type

JIS Type Drop Forged Wire Rope Clips 日式锻打卡头



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
6	0.047	12	0.25	18	0.45
8	0.08	14	0.29	20-22	0.96
10	0.15	16	0.35	24-25	1.25

U.S. Type Drop Forged Fist Grip Clips 美式合式锻打卡头



Size in.	N.W. lbs	Size in.	N.W. lbs	Size in.	N.W. lbs	Size in.	N.W. lbs
3/16-1/4	0.185	1/2	0.75	7/8	2.25	1-3/8	7
5/16	0.28	9/16	1	1	3	1-1/2	7
3/8	0.4	5/8	1	1-1/8	4	--	--
7/16	0.7	3/4	1.75	1-1/4	4	--	--

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

| Wire Rope Thimbles 套环 |

U.S. Type Standard Wire Rope Thimbles 美式标准套环G-411



Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs
1/8	0.025	5/16	0.0375	5/8	0.25	1	1
3/16	0.025	3/8	0.0625	3/4	0.50	1-1/2	3.4
1/4	0.0375	1/2	0.125	7/8	0.85	1-3/4	5.8

U.S. Type Extra Heavy Duty Wire Rope Thimbles 美式重型套环G-414



Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs	Rope DIA. in.	N.W. lbs
1/4	0.0675	7/16	0.3	5/8	0.75	1	2.75
5/16	0.1125	1/2	0.51	3/4	1.47	1-5/8	17
3/8	0.21	9/16	0.51	7/8	1.75	1-3/4	17.75

BS464 Wire Rope Clip Thimble BS464套环



Rope DIA.			Weight			Rope DIA.			Weight			Rope DIA.			Weight		
in.	mm	kg	in.	mm	kg	in.	mm	kg	in.	mm	kg	in.	mm	kg	in.	mm	kg
5/16	8	0.077	1/2	13	0.155	3/4	19	0.55	1-1/8	28	1.28						
3/8	9	0.09	9/16	14	0.19	7/8	22	0.7	1-1/4	32	1.5						
7/16	11	0.107	5/8	16	0.29	1	25	1.1	1-3/8	35	2.35						

European Type Commercial Thimble 欧式普通套环



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
4	0.01	8	0.031	16	0.139	24	0.484	32	1.245
5	0.012	10	0.068	18	0.22	26	0.662	--	--
6	0.017	12	0.093	20	0.291	28	0.786	--	--
7	0.026	14	0.12	22	0.399	30	1.01	--	--

Wire Rope Thimbles, DIN6899 A Type 德标DIN6899A套环



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
2.5	0.0014	6	0.0085	10	0.035	14	0.0833	22	0.365
3	0.0035	7	0.011	11	0.037	16	0.123	24	0.417
4	0.0042	8	0.017	12	0.0525	18	0.185	28	0.721
5	0.008	9	0.021	13	0.0725	20	0.315	--	--

Wire Rope Thimbles, DIN6899 B Type 德标DIN6899B套环



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
2.5	0.005	9	0.047	17	0.2	28	1.1	40	3.2
3.5	0.008	10	0.068	18	0.29	30	1.23	42	3.64
4	0.01	13	0.08	20	0.32	32	1.56	--	--
5	0.016	13	0.1	22	0.47	34	1.76	--	--
6	0.019	15	0.145	24	0.59	36	1.92	--	--
7	0.03	16	0.18	26	0.8	38	2.92	--	--

Standard Type Thimble 普通套环



Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
6	0.023	12	0.108	20	0.213	28	0.917
8	0.045	14	0.13	22	0.3	--	--
10	0.089	16	0.173	24	0.588	--	--

G-412 Solid Wire Rope Thimble G-412实心套环



Rope Dia. In.	N.W. lbs	Rope Dia. In.	N.W. lbs	Rope Dia. In.	N.W. lbs
1/2	0.61	7/8	5.45	1-1/4-1-3/8	9.81
5/8	2.21	1	5.25	--	--
3/4	2.32	1-1/8	9.29	--	--

Cast Steel Capel 铸钢鸡心环

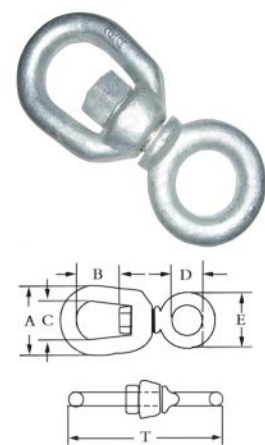


Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg	Size mm	N.W. kg
8	0.08	16	0.78	24	2.41	36	9.77	52	28.41
10	0.17	18	1.14	26	3.46	40	12.94	56	35.56
12	0.32	20	1.41	28	4.3	44	17.02	60	48.35
14	0.5	22	1.96	32	6.46	48	22.75	--	--

Note: All above items Material Available for Stainless Steel AISI 304/316.



| U.S. Type Swivels 美式旋转环 |



Chain Swivels G401

Size (in.)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in.)					
			A	B	C	D	E	T
1/4	850	0.13	1.25	0.69	0.75	0.62	1.12	2.75
5/16	1250	0.25	1.63	0.81	1.00	0.75	1.38	3.34
3/8	2250	0.61	2.00	0.94	1.25	1.00	1.75	4.19
1/2	3600	1.12	2.50	1.31	1.50	1.25	2.25	5.25
5/8	5200	1.75	3.00	1.56	1.75	1.50	2.75	6.31
3/4	7200	3.09	3.50	1.75	2.00	1.75	3.25	7.22

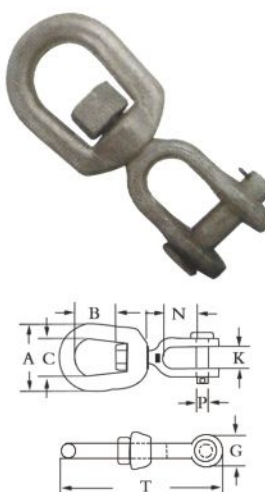
*M.B.S. IS 5 TIMES OF W.L.L.



Regular Swivels G402

Size (in.)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in.)				
			A	B	C	D	T
1/4	850	0.21	1.25	0.69	0.75	1.06	3.44
5/16	1250	0.39	1.63	0.81	1.00	1.25	4.19
3/8	2250	0.75	2.00	0.94	1.25	1.50	5.06
1/2	3600	1.43	2.50	1.31	1.50	2.00	6.44
5/8	5200	2.50	3.00	1.56	1.75	2.38	7.81
3/4	7200	4.13	3.50	1.75	2.00	2.63	8.69
7/8	10000	6.25	4.00	2.06	2.25	3.06	10.13
1	12500	9.00	4.50	2.31	2.50	3.50	11.63
1-1/4	18000	16.37	5.63	2.69	3.13	3.69	13.36
1-1/2	45200	49.06	7.00	4.19	4.00	4.19	20.13

*M.B.S. IS 5 TIMES OF W.L.L.



Jaw End Swivels G403

Size (in.)	Working Load Limit (lbs)	Weight Each (lbs)	Dimensions (in.)									
			A	B	C	G	K	N	P	T		
1/4	850	0.25	1.25	0.69	0.75	0.69	0.47	0.88	0.25	3.38		
5/16	1250	0.37	1.63	0.81	1.00	0.81	0.50	0.88	0.31	3.88		
3/8	2250	0.70	2.00	0.94	1.25	1.00	0.63	1.06	0.38	4.75		
1/2	3600	1.43	2.50	1.31	1.50	1.31	0.75	1.31	0.50	6.06		
5/8	5200	2.48	3.00	1.56	1.75	1.63	0.94	1.50	0.63	7.31		
3/4	7200	3.88	3.50	1.75	2.00	1.88	1.13	1.75	0.75	8.31		
7/8	10000	5.75	4.00	2.06	2.25	2.13	1.19	2.06	0.88	9.53		
1	12500	10.25	4.50	2.31	2.50	2.63	1.75	2.81	1.13	11.69		
1-1/4	18000	15.75	5.69	2.69	3.13	3.31	2.06	2.81	1.38	13.13		
1-1/2	45200	54.75	7.00	4.19	4.00	5.63	2.88	4.44	2.25	20.84		

*M.B.S. IS 5 TIMES OF W.L.L.

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

| Eye Bolts & Eye Nuts 吊环 |

Eye Bolt DIN580 德标DIN580吊环螺栓



Size	W.L.L. ton	I.D. OF EYE mm	100pcs/N.W. kg
M6	0.07	20	5
M8	0.14	20	6
M10	0.23	25	11
M12	0.34	30	18
M14	0.49	35	28
M16	0.7	35	28.5
M20	1.2	40	45
M22	1.5	45	67
M24	1.8	50	87
M27	2.5	50	88
M30	3.6	60	166
M33	4.3	60	172
M36	5.1	70	265

Eye Nut DIN582 德标DIN582吊环螺母



Size	W.L.L. ton	I.D. OF EYE mm	100pcs/N.W. kg
M6	0.07	20	4.9
M8	0.14	20	5.0
M10	0.23	25	9.0
M12	0.34	30	16.0
M16	0.7	35	24.0
M20	1.2	40	36.0
M22	1.5	45	58.0
M24	1.8	50	72.0
M27	2.5	50	80.0
M30	3.6	60	132.0
M33	4.3	60	130.0
M36	5.1	70	208.0

JIS1168 Type Eye Bolt 日式1168吊环螺栓



Size mm	W.L.L. kn	I.D. OF EYE mm	Weight kg
6	0.588	14.5	0.016
8	0.785	20	0.03
10	1.47	25	0.06
12	2.16	30	0.12
16	4.41	35	0.22
20	6.18	40	0.39
24	9.32	50	0.8
30	14.7	60	1.56
36	22.6	70	2.9

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

JIS1169 Type Eye Nut 日式1169吊环螺母



Size mm	W.L.L. kn	I.D. OF EYE mm	Weight kg
6	0.588	14.5	0.016
8	0.785	20	0.026
10	1.47	25	0.064
12	2.16	30	0.125
16	4.41	35	0.223
20	6.18	40	0.39
24	7.74	50	0.57
30	9.32	60	0.85
36	14.7	70	1.75

Shoulder Type Machinery Eye Bolt 美式G279吊环螺栓



Size in.	W.L.L. lbs	Thread Length in.	I.D. OF EYE in.	100pcs/N.W. lbs
1/4 x 1	650	1	0.88	5
5/16 x 1-1/8	1200	1.13	1.12	9
3/8 x 1-1/4	1550	1.25	1.38	15
1/2 x 1-1/2	2600	1.5	1.75	28
5/8 x 1-3/4	5200	1.75	2.25	55
3/4 x 2	7200	2	2.75	96
7/8 x 2-1/4	10600	2.25	3.25	154
1 x 2-1/2	13300	2.5	3.75	238
1-1/4 x 3	21000	3	4.5	399
1-1/2 x 3-1/2	24000	3.5	5.5	720

M.B.S. IS 5 TIMES OF W.L.L.

Shoulder Type Nut Eye Bolt 美式G277吊环螺栓



Size in.	W.L.L. lbs	Thread Length in.	I.D. OF EYE in.	100pcs/N.W. lbs
1/4 X 2	650	1.5	0.5	6.61
1/4 X 4	650	2.5	0.5	8.61
5/16 X 2-1/4	1200	1.5	0.62	12.5
5/16 X 4-1/4	1200	2.5	0.62	18.75
3/8 X 2-1/2	1550	1.5	0.75	19
3/8 X 4-1/2	1550	2.5	0.75	31.58
1/2 X 3-1/4	2600	1.5	1	37.5
1/2 X 6	2600	3	1	56.25
5/8 X 4	5200	2	1.25	75
5/8 X 6	5200	3	1.25	100.25
3/4 X 4-1/2	7200	2	1.5	125
3/4 X 6	7200	3	1.5	150
7/8 X 5	10600	2.5	1.75	225
1 X 6	13300	3	2	375
1 X 9	13300	4	2	429
1-1/4 X 8	21000	4	2.5	650
1-1/4 X 12	21000	4	2.5	775
1-1/2 X 15	24000	6	3	1425

M.B.S. IS 5 TIMES OF W.L.L.

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

U.S. Type Eye Nut 美式G400吊环螺母



Stock Size in.	STD.TAP Size in.	W.L.L. lbs	O.L. in.	N.W. lbs
1/4	1/4	520	1-11/16	0.09
1/4	5/16	850	1-11/16	0.09
5/16	3/8	1250	2-1/16	0.18
3/8	7/16	1700	2-1/2	0.28
3/8	1/2	2250	2-1/2	0.38
1/2	5/8	3600	3-3/16	0.58
5/8	3/4	5200	3-7/8	1
3/4	7/8	7200	4-5/16	1.7
7/8	1	10000	5	2.75
7/8	1-1/8	12300	5	2.75
1	1-1/4	15500	5-3/4	3.85
1-1/8	1-3/8	18500	6-1/4	5
1-1/4	1-1/2	22500	6-3/4	6.7
1-1/2	2	40000	10	18.7

| Load Binder 紧索具 |

Ratchet Type Load Binder 棘轮式紧索具



Size in.	W.L.L. lbs	B.L. lbs	Weight lbs
1/4-5/16	2600	9200	3.75
5/16-3/8	5400	19000	10.5
3/8-1/2	9200	33000	12.9
1/2-5/8	13000	46000	14.55

Lever Type Load Binder 杠杆式紧索具



Size in.	W.L.L. lbs	B.L. lbs	Weight lbs
1/4-5/16	2600	9200	3.75
5/16-3/8	5400	19000	10.5
3/8-1/2	9200	33000	12.9
1/2-5/8	13000	46000	14.55

Snubber Spring Load Binder 弹簧式紧索具



Size in.	W.L.L. lbs	B.L. lbs	Weight lbs
1/4-5/16	2600	9200	5.36
5/16-3/8	5400	16200	11.25
3/8-1/2	9200	28000	18

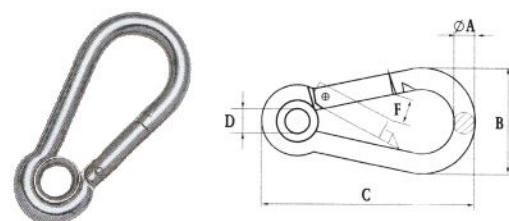
Claw Type Load Binder 带爪式紧索具



Size in.	W.L.L. lbs	B.L. lbs	Weight lbs
1/4-5/16	2200	7800	3.6
5/16-3/8	5400	19000	8.56
3/8-1/2	9200	33000	12.38

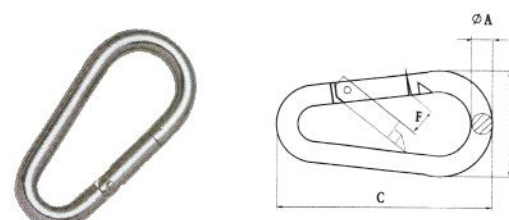
Snap Hook 弹簧钩

Snap Hook With Eyelet DIN5299 Form A



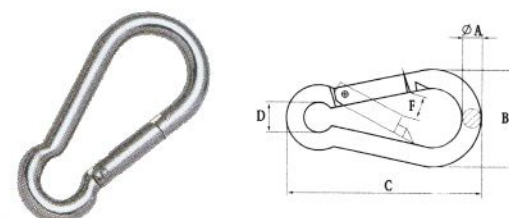
Size mm	ΦA mm	B mm	C mm	D mm	F mm	W.L.L. lbs
4×40	4	20	40	5	7	80
5×50	5	25	50	5	7	100
6×60	6	30	60	5	8	140
7×70	7	35	70	7	8	200
8×80	8	40	80	10	9	250
10×100	10	50	100	13	11	400
12×140	12	67	140	15	19	600
14×180	14	86	180	17	35	900

Egg Type Snap Hook DIN5299 Form B



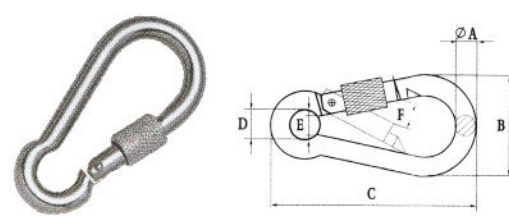
Size mm	ΦA mm	B mm	C mm	F mm	W.L.L. lbs
5×50	5	25	50	7	100
6×60	6	30	60	8	140
7×70	7	35	70	8	200
8×80	8	40	80	9	250
9×90	9	45	90	10	280
10×100	10	50	100	11	400
11×120	11	57	120	16	500
12×140	12	67	140	19	600

Snap Hook DIN5299 Form C



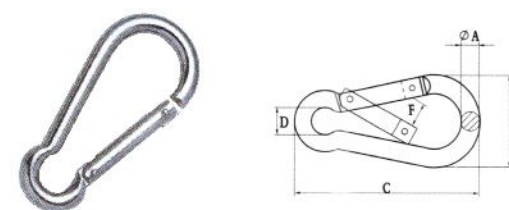
Size mm	ΦA mm	B mm	C mm	D mm	F mm	W.L.L. lbs
4×40	4	20	40	7	7	80
5×50	5	25	50	8	7	100
6×60	6	30	60	9	8	140
7×70	7	35	70	10	8	200
8×80	8	40	80	12	9	250
10×100	10	50	100	15	11	400
12×140	12	67	140	20	19	600
14×180	14	86	180	22	35	900

Snap Hook With Screw DIN5299 Form D



Size mm	ΦA mm	B mm	C mm	D mm	F mm	W.L.L. lbs
4×40	4	20	40	7	7	80
5×50	5	25	50	8	7	100
6×60	6	30	60	9	8	140
7×70	7	35	70	10	8	200
8×80	8	40	80	12	9	250
10×100	10	50	100	15	11	400
12×140	12	67	140	20	19	600
14×180	14	86	180	22	35	900

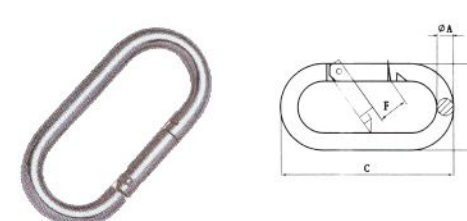
Snap Hook With Two Rivets



Size mm	ΦA mm	B mm	C mm	D mm	F mm	W.L.L. lbs
5×50	5	25	50	8	7	100
6×60	6	30	60	9	8	140
7×70	7	35	70	10	8	200
8×80	8	40	80	12	9	250
9×90	9	45	90	12	10	280
10×100	10	50	100	15	11	400
11×120	11	57	120	18	16	500
12×140	12	67	140	20	19	600

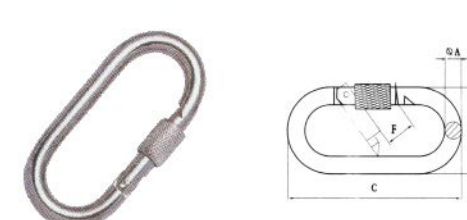
Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Straight Snap Hook



Size mm	ΦA mm	B mm	C mm	F mm	W.L.L. lbs
5×50	5	25	50	9	100
6×60	6	30	60	11	140
8×80	8	40	80	13	250
10×100	10	50	100	16	400
11×120	11	58	120	21	500

Straight Snap Hook With Screw



Size mm	ΦA mm	B mm	C mm	F mm	W.L.L. lbs
5×50	5	25	50	9	100
6×60	6	30	60	11	140
8×80	8	40	80	13	250
10×100	10	50	100	16	400
11×120	11	58	120	21	500

D Type Snap Hook With Screw



Size mm	ΦA mm	B mm	C mm	F mm
10×110	10	60	110	19

Snap Hook With Eyelet And Screw



Size mm	ΦA mm	B mm	C mm	D mm	F mm	W.L.L. lbs
5×50	5	25	50	5	7	100
6×60	6	30	60	5	8	140
7×70	7	35	70	7	8	200
8×80	8	40	80	10	9	250
9×90	9	45	90	10	10	280
10×100	10	50	100	13	11	400
11×120	11	57	120	13	16	500
12×140	12	67	140	15	19	600
13×160	13	74	160	17	25	700
14×180	14	86	180	17	35	900

Simple Snap Hook

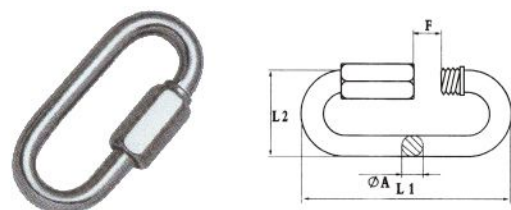


Size mm	ΦA mm	B mm
6×60	6	60
8×80	8	80

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

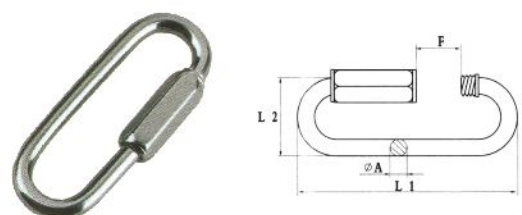
| Quick Link 快速连接环 |

Standard Quick Link



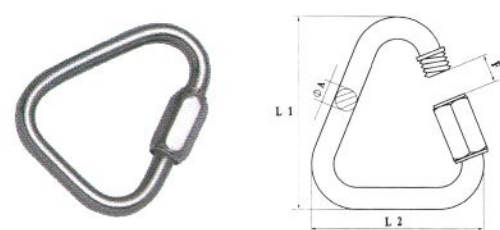
Size mm	ΦA mm	L1 mm	L2 mm	F mm	W.L.L. lbs
3.5	3.5	36.5	17	5	175
4	4	40	19.5	5.5	500
5	5	49	23	6.5	650
6	6	58	26.5	7.5	875
7	7	65	30.5	8.5	1200
8	8	75	33.5	10.5	1525
9	9	82	35	11.5	1975
10	10	90	40.5	12.5	2300
12	12	107	47.5	14.5	2500
14	14	125	54.5	17	2800

Wide Jaw Quick Link



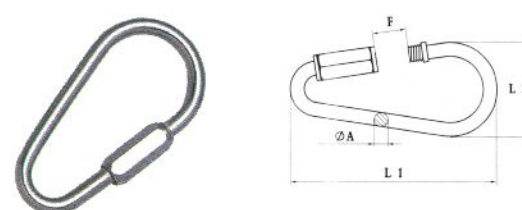
Size mm	ΦA mm	L1 mm	L2 mm	F mm	W.L.L. lbs
3.5	3.5	47	17	10	175
5	5	62	23	14	650
6	6	72	26.5	16	875
8	8	90	33.5	18	1525
10	10	105	40.5	20	2300
12	12	122	47.5	23	2500

Delta Shaped Quick Link



Size mm	ΦA mm	L1 mm	L2 mm	F mm	W.L.L. lbs
3.5	3.5	37	31	5	120
5	5	47	40	6	450
6	6	56	47	7.5	600
8	8	73	56	10	1100
10	10	87	66	12	1500
12	12	104	75	15	1650
14	14	122	86	19	1900

Pear Shaped Quick Link



Size mm	ΦA mm	L1 mm	L2 mm	F mm	W.L.L. lbs
3.5	3.5	52	27	9.5	120
4	4	60	32	11	350
5	5	70	37	12	450
6	6	81	42.8	14	600
8	8	100	50.8	17	1100
9	9	108	57	19	1300
10	10	117.5	63.5	20.5	1500
12	12	141	76	23	1650

Carabine Type Quick Link

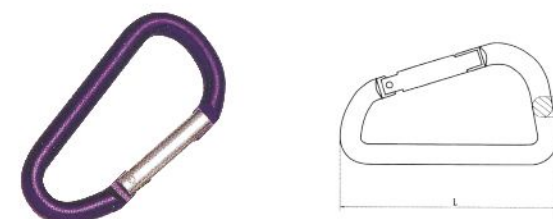


Size mm	ΦA mm	L1 mm	L2 mm
6	6	80	32
8	8	100	46

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

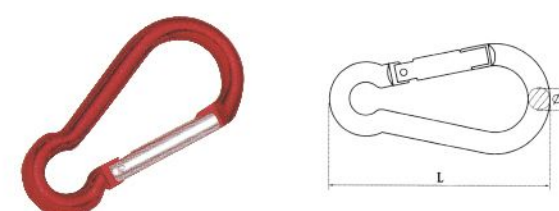
| Aluminum Snap Hook |

Aluminum Snap Hook D Type



Size mm	ΦA mm	L mm
5×50	5	50
6×60	6	60
7×70	7	70
8×80	8	80
10×100	10	100

Aluminum Snap Hook Carabine Type



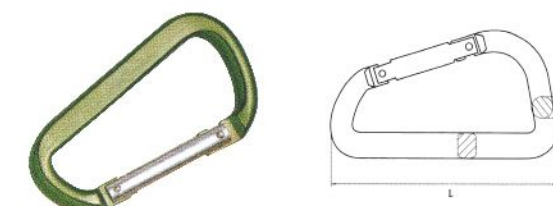
Size mm	ΦA mm	L mm
5×50	5	50
6×60	6	60
7×70	7	70
8×80	8	80
10×100	10	100

Aluminum Snap Hook Egg Type



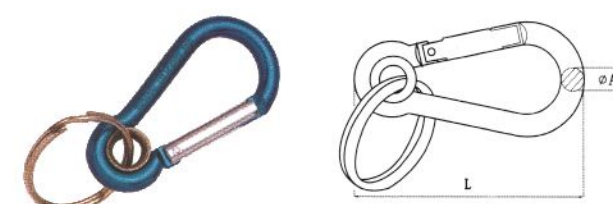
Size mm	ΦA mm	L mm
5×50	5	50
6×60	6	60
7×70	7	70
8×80	8	80
10×100	10	100

Aluminum Snap Hook D Type With Pin



Size mm	ΦA mm	L mm
5×50	5	50
6×60	6	60
7×70	7	70
8×80	8	80
10×100	10	100

Aluminum Snap Hook With Eyelet And Key Ring



Size mm	ΦA mm	L mm
5×50	5	50
6×60	6	60
7×70	7	70
8×80	8	80
10×100	10	100

| Pulley & Block 滑轮 / 滑车 |

Cast Iron Single Wheel Pulley
铸铁单轮固定滑轮

Size in.	N.W. g
1/2	16
3/4	31
1	55
1-1/4	87
1-1/2	147
2	260
2-1/2	446
3	625

Cast Iron Double Wheel Pulley
铸铁双轮固定滑轮

Size in.	N.W. g
1/2	30
3/4	50
1	90
1-1/4	130
1-1/2	230
2	400
2-1/2	700
3	1100

**Cast Iron Single Wheel Pulley
With Swivel**
铸铁单轮旋转滑轮

Size in.	N.W. g
1/2	18
3/4	35
1	60
1-1/4	92
1-1/2	155
2	270

**Cast Iron Double Wheel Pulley
With Swivel**
铸铁双轮旋转滑轮

Size in.	N.W. g
1/2	32
3/4	54
1	95
1-1/4	135
1-1/2	240
2	410

**SK1 Korea Type Block,Single Wheel
With Hook,Close Type**
SK1韩式闭合式滑车, 单轮, 带钩

Size in.	W.L.L. ton	N.W. kg
3	1	1.6
4	1.5	3.8
5	2	8.4

**SK2 Korea Type Block,Double Wheel
With Hook,Close Type**
SK2韩式闭合式滑车, 双轮, 带钩

A red metal block and tackle with two pulleys and a hook. The block is made of cast iron and has a hook at the top for lifting. The pulleys are made of a different material, possibly brass or a different grade of steel, and are mounted on a wooden or metal frame. The entire assembly is painted red.

Size in.	W.L.L. ton	N.W. kg
3	1	2.4
4	1.5	4.6
5	2	9.8

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

**Snatch Block Model S, Open Type,
With Hook,Single Wheel**
S型滑车, 开口式, 带钩, 单轮



Size in.	W.L.L. ton	DIA.of Rope mm	Weight kg
3	0.5	8	1.7
4	1	10	3.2
5	1.5	13	5
6	2	16	8.3
7	3	19	12
8	4	22	18
10	5	25	27

**Snatch Block Model S, Open Type,
With Eye,Single Wheel**
S型滑车, 开口式, 带眼, 单轮

Size in.	W.L.L. ton	DIA.of Rope mm	Weight kg
3	0.5	8	1.7
4	1	10	3.2
5	1.5	13	5
6	2	16	8.3
7	3	19	12
8	4	22	18
10	5	25	27

**Snatch Block Model B, Close Type
With Hook,Single Wheel**
B型滑车, 闭合式, 带钩, 单轮



Size in.	W.L.L. ton	DIA.of Rope mm	Weight kg
3	0.5	8	1.65
4	1	10	3.1
5	1.5	13	4.4
6	2	16	8.2
7	3	19	11.5
8	4	22	17.5
10	5	25	25

**Snatch Block Model B, Close Type
With Oval Eye,Double Wheel**
B型滑车, 闭合式, 带眼, 双轮

Size in.	W.L.L. ton	DIA.of Rope mm	Weight kg
3	0.5	8	2.4
4	1	10	4.5
5	1.5	13	7.8
6	2	16	13
7	3	19	17
8	4	22	24.5
10	5	25	37

**Snatch Block Model YB,
Single Wheel**
YB型滑车, 单轮

Size in.	W.L.L. ton	Weight kg
3	0.5	1.1
4	1	1.8
5	1.5	3.5
6	2	5.1
8	4	11.5
10	5	17

**Snatch Block Model YBO,
Double Wheel**
YBO型滑车, 双轮

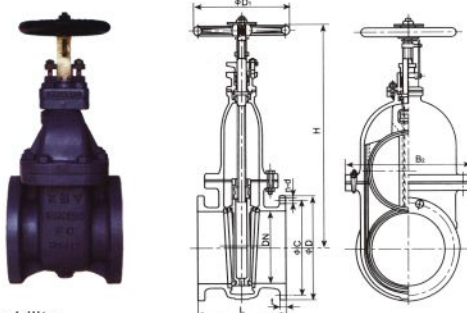
A close-up photograph of an orange snatch block. The block has a D-shaped shackle at the top and a green rope threaded through its pulley system. The device is shown from a side-on perspective, highlighting its mechanical components and the vibrant orange paint.

Size in.	W.L.L. ton	Weight kg
4	1	3
5	1.5	5.9
6	2	9

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

| Marine Valve 船用阀门 |

JIS F7363 5K Marine Cast Iron Gate Valve 船用法兰铸铁闸阀



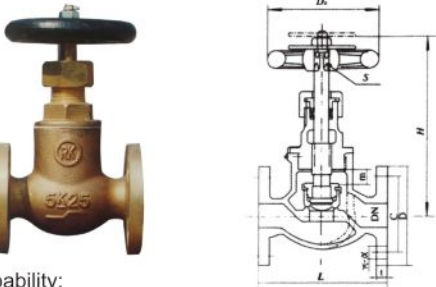
DN	L	D	C	n-d	t	H	D1	B2	Weight kg
50	180	130	105	4-15	16	285	125	153	13.5
65	190	155	130	4-15	18	330	140	172	19
80	200	180	145	4-19	18	380	160	195	24.2
100	230	200	165	8-19	20	430	180	230	35.3
125	250	235	200	8-19	20	495	200	265	48.1
150	270	265	230	8-19	22	560	224	295	65.3
200	290	320	280	8-23	24	680	280	365	103
250	330	385	345	12-23	26	800	355	438	164

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

Saturation steam 饱和蒸汽	$\phi < 200$ 3kgf/cm²	$\phi < 250$ 2kgf/cm²
Oil & flow water 油和流动水	5kgf/cm²(Mpa)	
Lenitic water ≤120° 静水	7kgf/cm²(Mpa)	

JIS F7301 5K Marine Bronze Globe Valve 船用青铜法兰直通截止阀



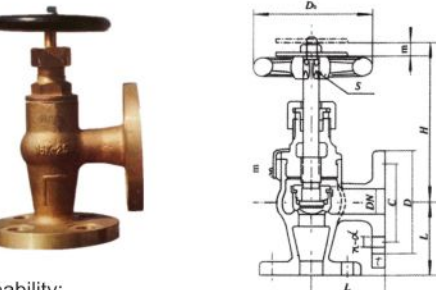
DN	L	H	Flange Dimensions						Hand Wheel	
			D	C	t	n	d	Do	S	
15	100	130	80	60	9	4	12	80	8	
20	110	140	85	65	10	4	12	100	10	
25	120	160	95	75	10	4	12	125	10	
32	140	170	115	90	12	4	15	125	10	
40	160	190	120	95	12	4	15	140	12	
50	210	235	130	105	14	4	15	140	12	
65	250	260	155	130	14	4	15	160	14	

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

Oil & flow water 油和流动水	5kgf/cm²(0.49Mpa)
Lenitic water ≤120° 静水	7kgf/cm²(0.69Mpa)

JIS F7302 5K Marine Bronze Angle Valve 船用青铜法兰直角截止阀



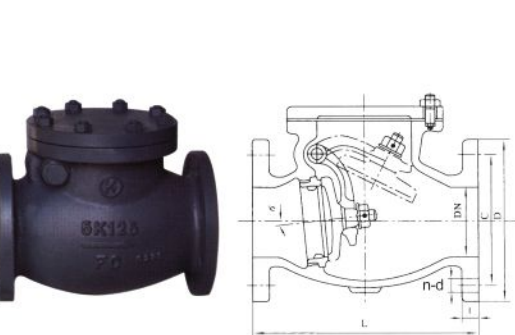
DN	L	H	Flange Dimensions						Hand Wheel	
			D	C	t	n	d	Do	S	
15	55	120	80	60	9	4	12	80	8	
20	60	130	85	65	10	4	12	100	10	
25	65	145	95	75	10	4	12	125	10	
32	80	150	115	90	12	4	15	125	10	
40	85	165	120	95	12	4	15	140	12	
50	100	200	130	105	14	4	15	140	12	
65	115	220	155	130	14	4	15	160	14	

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

Oil & flow water 油和流动水	5kgf/cm²(0.49Mpa)
Lenitic water ≤120° 静水	7kgf/cm²(0.69Mpa)

JIS F7372 5K Marine Cast Iron Swing Check Valve 船用法兰铸铁旋启式止回阀



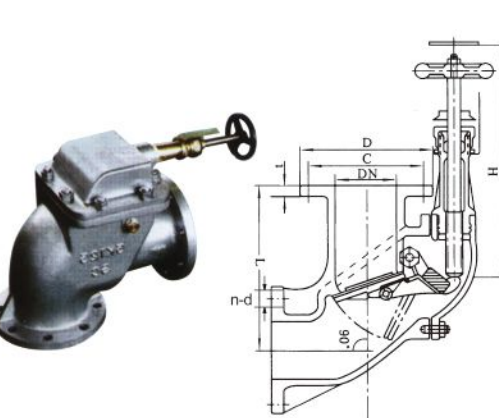
DN	L	D	C	n-d	t	Weight kg
50	190	130	105	4-15	16	9.06
65	220	155	130	4-15	18	13.9
80	250	180	145	4-19	18	19.1
100	280	200	165	8-19	20	27.1
125	330	235	200	8-19	20	39
150	380	265	230	8-19	22	53.7
200	460	320	280	8-23	24	94.4
250	550	385	345	12-23	26	150

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

Saturation steam 饱和蒸汽	$\phi < 200$ 3kgf/cm²	$\phi < 250$ 2kgf/cm²
Oil & flow water 油和流动水	5kgf/cm²(Mpa)	
Lenitic water ≤120° 静水	7kgf/cm²(Mpa)	

JIS F3060R 5K Marine Cast Steel Down Storm Valve 船用铸钢直角防浪阀



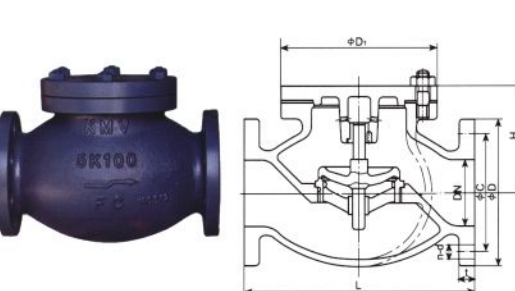
DN	L	D	C	n-d	t	H	Weight kg
50	170	130	105	4-15	14	131	13
65	190	155	130	4-15	14	141	19
80	220	180	145	4-19	14	155	23.8
100	250	200	165	8-19	16	171	29.6
125	270	235	200	8-19	16	195	50
150	310	265	230	8-19	18	212	67

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

Oil & flow water 油和流动水	5kgf/cm²(0.49Mpa)
Lenitic water ≤120° 静水	7kgf/cm²(0.69Mpa)

JIS F7358 5K Marine Cast Iron Lift Check Globe Valve 船用法兰铸铁止回阀



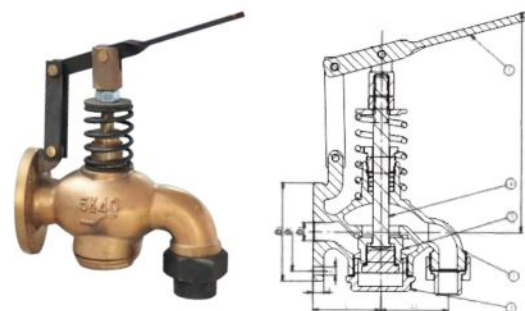
DN	L	D	C	n-d	t	H	D1	Weight kg
50	210	130	105	4-15	16	107	140	11.3
65	250	155	130	4-15	18	124	160	16.8
80	280	180	145	4-19	18	129	190	23.2
100	340	200	165	8-19	20	146	215	32.5
125	410	235	200	8-19	20	166	245	48.1
150	480	265	230	8-19	22	188	270	67.9
200	570	320	280	8-23	24	212	335	115

Medium
适用介质

Max Pressure kgf/cm² 最高使用压力

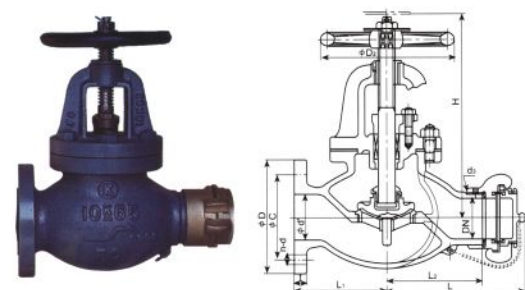
Oil & flow water 油和流动水	5kgf/cm²(0.49Mpa)
Lenitic water ≤120° 静水	7kgf/cm²(0.69Mpa)

JIS F7398 Marine Bronze Self Closing Drain Valve, F Type 船用青铜自闭式放泄阀



DN	d	L	D	C	h	t	H
5K15F	15	110	80	60	12	9	179
5K20F	20	130	85	65	12	10	187
10K20F	20	130	100	75	15	14	187
5K40F	40	180	120	95	15	12	229

JIS F7333 5K Marine Cast Iron Globe Hose Valve 船用铸铁消防阀



DN	K	d'	L	D	C	n-d	t	H	D2	d3	L1	L2	Weight kg
50	5	50	165	130	105	4-15	16	270	160	M64 x 2	105	110	14.7
	10	50	170	155	120	4-19	20	285	160	M64 x 2	110	115	18.9
65	10	65	200	175	140	4-19	22	310	200	M80 x 2	135	140	28.2

Capability:

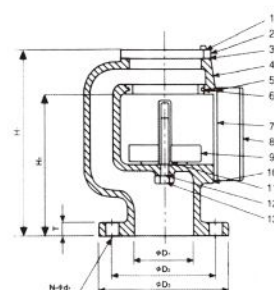
Nominal Pressure 公称压力	5kgf/cm ² (0.49Mpa)
Seal Pressure 密封实验压力	7.7kgf/cm ² (0.76Mpa)
Intensity Pressure 强度实验压力	10.5kgf/cm ² (1.03Mpa)
Medium 适用介质	Max Pressure kgf/cm ² 最高使用压力
Flow water 流动水	5kgf/cm ² (0.49Mpa)
Lenitic water ≤120° 静水	7kgf/cm ² (0.69Mpa)

Marine Cast Iron Wafer Type Butterfly Valve Lever Type 船用铸铁对夹式手柄蝶阀



Code	Module	Face to Face	Pitch	Weight kg
752201	DN50	43	105	4
752202	DN65	46	130	4.5
752203	DN80	46	145	5.5
752204	DN100	52	165	8
752205	DN125	56	200	13
752206	DN150	56	230	15.5
752207	DN200	60	280	23

JIS KS91A 121 Air Vent Head 空气管头



DN	D2	D3	Hr	Hi	T	N	A	A3	R	Weight kg
50	105	130	175	127	14	4-φ15	179	139	135	7.4
65	130	155	204	164	14	4-φ15	205	160	146	12.6
80	145	180	244	176	14	4-φ15	237	188	156	16
100	165	200	220	160	16	8-φ19	245	155	250	23
125	200	235	250	180	16	8-φ19	270	180	288	34
150	230	265	285	208	18	8-φ19	316	216	330	47
200	280	320	365	269	20	8-φ23	394	274	432	72
250	345	385	430	314	22	12-φ23	485	325	546	120
300	390	430	530	367	22	12-φ23	550	384	616	178
350	435	480	570	415	24	12-φ23	661	425	714	196
400	495	540	640	475	24	12-φ23	703	457	749	235
450	555	605	713	522	24	12-φ23	816	510	836	298

Release Hook

释放钩



Size	Instruction
15KN	Manual
21KN	Automatic
35KN	Automatic

Note: Material is Stainless Steel
AISI304/316
材质为不锈钢 304/316

D Rings

D型环



D Ring With Strap, Type A



D Ring With Strap, Type B

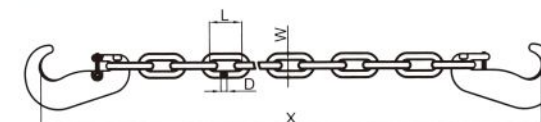


D Ring With Strap, Type C

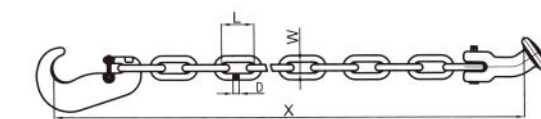
Lashing Chain

绑扎链

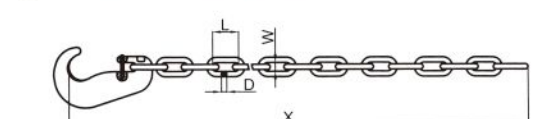
Lashing chain with C HOOK / HOOK C-1



Lashing chain with C HOOK / EL FOOT C-1B



Lashing chain with C HOOK / EL FOOT C-1B



DIA	L	W	B.L.	Weight/M
13mm	80mm	22mm	200kn	3kg
11mm	65mm	20mm	150kn	2.2kg
9mm	56mm	15mm	100kn	1.6kg

Specifications:
Classification: All items are approved by major classification societies
Materials: Forged steel & high tensile steel
Finish: Painted
Remark: Other dimensions, materials and finish upon request

Stainless Steel Accessories

不锈钢配件



U Bolt
U型栓



S Hook
S钩



Spring Shackle
弹簧卸扣



Spring Shackle
弹簧卸扣



Twist Shackle
扭扭卸扣



Cleat
系船柱



Diamond Eye Plate
钻石型眼板



Brige
骆驼背



Hinge
合页



Duplex Clip
双头卡扣



Swivel With Eye & Eye
旋转环 眼/眼



Swivel With Jaw & Jaw
旋转环 叉/叉



Swivel With Jaw & Eye
旋转环 叉/眼



Four Claw Anchor
四抓锚



Bruce Anchor
布鲁斯锚



Jaw Swage Terminal
叉式接线器



Eye Swage Terminal
眼式接线器



Turnbuckle with Jaw Terminal
带叉花兰接线器



Terminal Swift
快速接线器



Hose Clamp
喉箍



Round Ring
圆环



Lock Ring
卡簧



Delta Link
三角环



D Ring
D型环



C Link
C型环

Zinc Alloy Die Casting Accessories

锌合金配件



Single Wheel Fix Type
Pulley Nylon Wheel
单轮固定锌合金滑轮
尼龙轮



Double Wheel Fix Type
Pulley Nylon Wheel
双轮固定锌合金滑轮
尼龙轮



Double Wheel Fix Type
Pulley Steel Wheel
双轮固定锌合金滑轮



Double Wheel Swivel Type
Pulley Steel Wheel
双轮旋转锌合金滑轮



Snap Hook
锌合金弹簧钩



Snap Hook
锌合金弹簧钩



Snap Hook
锌合金弹簧钩



Snap Hook
锌合金弹簧钩



Snap Hook
锌合金弹簧钩



Turnbuckle With Hook & Eye
锌合金花兰 钩/圈

Other Accessories

其他配件



A Type Folding Anchor
A型折叠锚



Ground Anchor
地锚



Mushroom Anchor
蘑菇锚



Round Pin
圆型销



Simplex Clip
单头卡头



Pipe Clamp
管子夹



Wire Hand Winch
绞线车



Wire Hand Winch
绞线车



Cold Shut
链扣



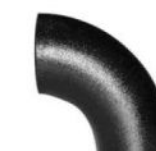
Repair Link
链卡



Flange
法兰



Elbow 180°
弯头 180°



Elbow 90°
弯头 90°



Tees
三通



Crosses
四通

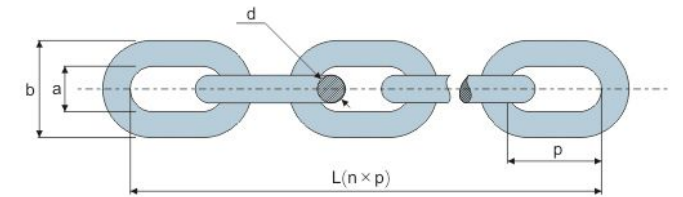


Lifting Chain and Rigging Series 起重链条及吊索具系列



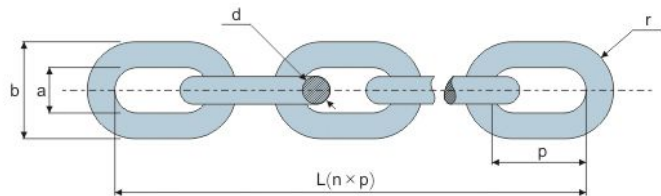
High Tensile Chain 高强度链条

Grade 80 Lifting Chain
80级起重链



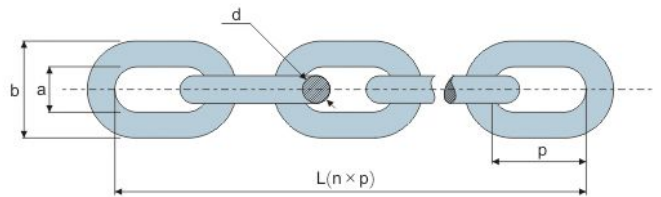
Size d × p mm	Width mm		Weight kg/m	Working Load Limit ton	Proof Load kn	Breaking Load kn
	Inside Min. a	Outside Max. b				
6x18	7.5	21	0.79	1.1	27	45.2
7x21	9	24.5	1.07	1.5	37	61.6
8x24	10	28	1.38	2	48	80.4
10x30	12.5	35	2.2	3.2	76	125
11x43	12.6	36.5	2.33	3.8	92	154
12x36	15	42	3.1	4.6	109	181
12.5x38	15.5	42.2	3.3	4.9	117	196
13x39	16.3	46	3.8	5	128	214
14x42	18	49	4.13	6.3	150	250
14x50	17	48	4	6.3	150	250
15x46	20	52	5.17	7	168	280
16x48	20	56	5.63	8	192	320
16x49	24.5	59.5	5.71	8	192	320
16x64	23.9	58.9	5.11	8	192	320
18x54	23	63	6.85	10	246	410
18x64	21	60	6.6	10	246	410
19x57	23.7	63.2	7.7	11.3	270	450
20x60	25	70	8.6	12.5	300	500
22x65	28	74.2	10.7	15.3	366	610
22x66	28	77	10.2	15.3	366	610
22x86	26	74	9.5	15.3	366	610
24x72	32	82	12.78	18	432	720
24x86	28	79	11.6	18	432	720
26x78	35	91	14.87	21.3	510	850
26x92	30	86	13.7	21.3	510	850
30x90	38	105	19.6	28.3	678	1130
30x108	34	98	18	28.3	678	1130
32x96	40	106	22.29	32.2	772	1286
34x126	38	109	22.7	36.3	870	1450
34x102	46.5	121.5	25.5	36.3	870	1450
36x108	49.5	128.5	31	40.7	978	1630
38x137	42	121	29	45.3	1086	1810
38x114	52	136	32	45.3	1086	1810
42x126	55.5	144.5	38.6	55.4	1332	2200

Mine Chain
矿用高强度链条



Chain Diameter(d) mm		Pitch of the Chain link(p) mm		Width mm		Curve Radius(r) mm	Proof Load kn		Breaking Load kn		Weight kg/m
				Inside(a) Min.	Outside(b) Max.		Class 1	Class 2	Class 1	Class 2	
10	± 0.4	40	± 0.5	12	34	15	85	100	110	130	1.9
14	± 0.4	50	± 0.5	17	48	22	150	200	190	250	4.0
18	± 0.5	64	± 0.6	21	60	28	260	330	320	410	6.6
22	± 0.7	86	± 0.9	26	74	34	380	490	480	610	9.5
24	± 0.8	86	± 0.9	28	79	37	460	580	580	720	11.6
26	± 0.8	92	± 0.9	30	86	40	540	680	680	850	13.7
30	± 0.9	108	± 1.0	34	98	46	710	900	890	1130	18.0
34	± 1.0	126	± 1.2	38	109	52	900	1160	1140	1450	22.7

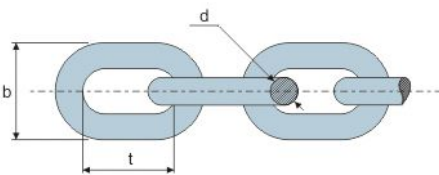
Lashing Chain
捆绑链



Size d×p mm	Width mm		Weight kg/m	Breaking Load kn
	Inside Min. a	Outside Max. b		
6x35	7.5	22	0.66	45.2
6.3x18.8	8.2	22.4	0.79	50
7.3x23.8	11.3	26.95	1.145	63
8x23.85	11.65	28.35	1.374	80.4
9x57	15	34	1.421	100
10x29.8	14	35	2.144	125
10x65	18	42	1.75	125
13x38	17.1	45	3.693	214
13x82	23.8	54.6	2.95	214
16x100	28.8	67.2	4.45	320

Germany Standard Link Chain 德国标准链条

DIN 5685 A/C Short/Long Link Chain
德国标准DIN5685短/长环链条

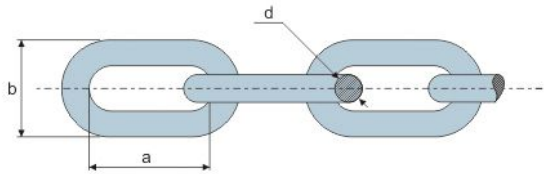


Size(d) mm	Inside Length(t) mm	Outside Width(b) mm	Weight per 100m kg	Working Load kn	Breaking Load kn	Type of Link
2.0	12.0	8.0	7.0	0.5	1.25	A
2.5	14.0	10.0	11.0	0.75	2	A
3.0	16.0	12.0	16.5	1.12	2.8	A
3.5	18.0	14.0	22.5	1.5	3.85	A
4.0	19.0	16.0	30.0	2	5	A
4.5	20.0	18.0	39.5	2.5	6.3	A
5.0	21.0	20.0	50.0	3.15	7.75	A
5.5	23.0	22.0	60.5	3.8	9.5	A
6.0	24.0	24.0	73.0	4.5	11.5	A
6.5	26.0	26.0	86.0	5.4	13.5	A
7.0	28.0	28.0	100.0	6	15	A
8.0	32.0	32.0	130.0	8	20	A
8.5	34.0	34.0	149.0	9	22.5	A
9.0	36.0	36.0	165.0	10	25	A
10.0	40.0	40.0	205.0	12.5	31	A
11.0	44.0	44.0	250.0	15	38	A
12.0	48.0	48.0	290.0	18	45	A
13.0	52.0	52.0	345.0	21.2	53	A

Size(d) mm	Inside Length(t) mm	Outside Width(b) mm	Weight per 100m kg	Working Load kn	Breaking Load kn	Type of Link
2.0	22.0	8.0	6.0	0.5	1.25	C
2.5	24.0	10.0	10.0	0.75	2	C
3.0	26.0	12.0	15.0	1.12	2.8	C
3.5	28.0	14.0	20.0	1.5	3.85	C
4.0	32.0	16.0	27.0	2	5	C
4.5	34.0	18.0	35.0	2.5	6.3	C
5.0	35.0	20.0	43.0	3.15	7.75	C
5.5	38.5	22.0	52.0	3.8	9.5	C
6.0	42.0	24.0	63.0	4.5	11.5	C
6.5	45.5	26.0	74.0	5.4	13.5	C
7.0	49.0	28.0	86.0	6	15	C
8.0	52.0	32.0	110.0	8	20	C
8.5	56.0	34.0	125.0	9	22.5	C
9.0	59.0	36.0	141.0	10	25	C
10.0	65.0	40.0	175.0	12.5	31	C
11.0	72.0	44.0	211.0	15	38	C
12.0	78.0	48.0	255.0	18	45	C
13.0	82.0	52.0	295.0	21.2	53	C

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

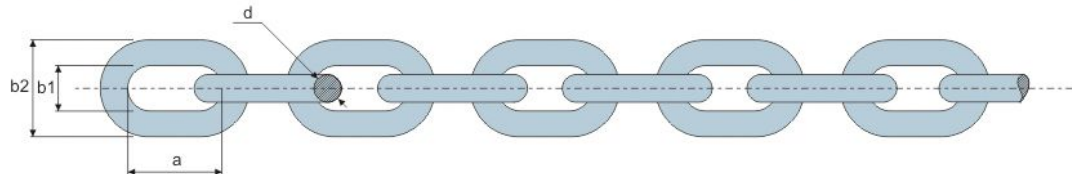
DIN763 Link Chain
德国标准DIN763链条



Size(d) mm	Inside Length(a) mm	Outside Width(b) mm	Working Load kn	Proof Load kn	Breaking Load kn	Weight Per M kg
2	22	8	0.25	0.8	1.25	0.06
2.5	24	10	0.4	0.8	2	0.10
3	26	12	0.55	1.05	3.2	0.15
3.5	28	14	0.8	1.54	3.85	0.20
4	32	16	1	2.5	6	0.27
4.5	34	18	1.28	3	6.3	0.35
5	35	20	1.6	4	10	0.43
5.5	38.5	22	1.95	4.2	10.5	0.52
6	42	24	2.4	5	14	0.63
7	49	28	3	7.5	18	0.86
8	52	32	4	10	25	1.10
8.5	56	34	4.6	10.2	25.5	1.25
9	59	36	5.3	10.5	32	1.41
10	65	40	6.3	16	40	1.75
11	72	44	7.9	16.8	47.5	2.11
12	78	48	9.4	18	56.5	2.55
13	82	52	10	25	63	2.95
16	100	64	16	40	100	4.45
18	113	70	21.2	42.3	127	5.65
19	119	72	23.7	47.3	142	6.25
20	120	75	25	50	160	7.00
22	127	82	31.7	63.3	190	8.55
25	140	85	40.9	81.7	245	10.90
28	152	96	60	120	300	13.90
32	171	108	80	160	400	18.20

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

DIN764 Link Chain
德国标准DIN764链条

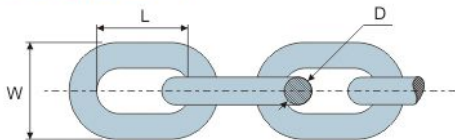


Size(d) mm	Inside Length (a) mm	Inside Width (b1) mm	Outside Width (b2) mm	Weight Per M kg	Breaking Load kn	Proof Load kn
4	16	5	14	0.313	7	4
5	18	7.0	18.2	0.514	11.8	6.8
6	21	8.0	21.5	0.74	16.5	8.5
8	28	11.0	29	1.315	32	16.8
10	35	14.0	36	2	50	26.3
12	42	16.0	41	2.98	70	36.8
13	45	18.0	47	3.5	80	42
14	49	20.0	48	4.06	92	48.3
16	56	22.0	58	5.2	125	67
18	63	24.0	65	6.5	160	84
20	70	27.0	72	8.2	200	100
23	80	31.0	83	11	250	130
26	91	35.0	94	14	320	160



Note: All Above Items Material Available For Stainless Steel AISI 304/316.

| British Standard Link Chain 英制普通链条 |



Short Link Chain 短环链条

Link Specification				Proof Load	Breaking Load	N.W. per 200FT(kg)	
D		L	W			self color	H.D.G
in.	mm	mm	mm	kg	kg		
1/8	3.20	16	12	200	400	11.4	11.74
5/32	4.00	18.5	14.5	300	600	18.6	19
3/16	4.70	19	17	400	800	26.2	27
7/32	5.50	20	19	550	1100	36.8	38
1/4	6.35	22	21	750	1500	50	51.5
5/16	7.94	26	26	1200	2400	80	82.4
3/8	9.50	28	32	1700	3400	122	125.7
7/16	11.11	32	36	2300	4600	164	169
1/2	12.70	39	43	3000	6000	210	216
5/8	15.80	45	53	4700	9400	334	344
3/4	19.00	55	63	6800	13600	485	499
7/8	22.20	64	74	9250	18500	656	675
1	25.40	73	84	12150	24300	870	896

Medium Link Chain 中环链条

Link Specification				Proof Load	Breaking Load	N.W. per 200FT(kg)	
D		L	W			self color	H.D.G
in.	mm	mm	mm	kg	kg		
1/8	3.2	20	12	200	400	10.4	11
5/32	4	23	15	300	600	17.4	18
3/16	4.7	25	18	400	800	24.4	25
7/32	5.5	26	19	550	1100	34	35
1/4	6.35	26	23	750	1500	48.8	50
5/16	7.94	32	29	1200	2400	76	78
3/8	9.5	35	35	1700	3400	111	114
7/16	11.11	38	38	2300	4600	154	158
1/2	12.7	50	45.5	3000	6000	194	200
5/8	15.8	60	56.7	4700	9400	303	312
3/4	19	76	69	6800	13600	432	445
7/8	22.2	90	80	9250	18500	586	603
1	25.4	105	95	12150	24300	770	792

Long Link Chain 长环链条

Link Specification				Proof Load	Breaking Load	N.W. per 200FT(kg)	
D		L	W			self color	H.D.G
in.	mm	mm	mm	kg	kg		
1/8	3.2	23	12	200	400	10.8	10.7
5/32	4	27	15	300	600	16.6	17.5
3/16	4.7	31	17	400	800	22.4	23.3
7/32	5.5	32	19	550	1100	32	33
1/4	6.35	33	21	750	1500	43.5	44.8
5/16	7.94	48	31	1200	2400	68	70
3/8	9.5	60	37	1700	3400	96	99
7/16	11.11	71	41	2300	4600	126	129
1/2	12.7	85	48.5	3000	6000	167	172
5/8	15.8	114	61.5	4700	9400	256	264
3/4	19	125	75	6800	13600	381	392
7/8	22.2	140	88	9250	18500	527	543
1	25.4	155	100	12150	24300	696	716

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

| U.S. Standard Link Chain 美国标准链条 |

ASTM 80 Standard Link Chain



Proof Coil Chain ASTM80(G30)

Material Diameter		Working Load		Proof Load		Breaking Load		Weight Per 100'		Inside Length (max)		Inside Width (min)	
in.	mm	kg	lbs	kn	lbs	kn	lbs	kg	lbs	mm	in.	mm	in.
1/8	4	190	420	3.78	850	7.56	1700	8.80	19	22.60	0.89	7.40	0.29
3/16	5.50	360	800	7.11	1600	14.20	3200	18.30	40	24.10	0.95	10.20	0.40
1/4	7.10	600	1330	11.80	2650	23.60	5300	32.70	72	25.40	1.00	12.70	0.50
5/16	8.70	910	2000	17.80	4000	35.60	8000	48.00	106	27.90	1.10	12.70	0.50
3/8	10.30	1270	2800	24.90	5600	49.80	11200	70.30	155	31.20	1.23	15.70	0.62
1/2	13.50	2190	4800	42.90	9650	85.80	19300	123.00	271	38.90	1.53	20.30	0.80
5/8	16.70	3350	7400	65.80	14800	131.60	29600	184.00	405	48.30	1.90	25.40	1.00
3/4	19.80	4700	10400	92.50	20800	185.00	41600	264.00	582	54.60	2.15	28.40	1.12
7/8	23.00	6350	14000	124.50	28000	249.00	56000	368.00	811	63.50	2.50	34.80	1.37
1	26.50	8400	18600	165.40	37200	330.80	74400	474.00	1045	69.90	2.75	38.10	1.50

High Test Chain ASTM80(G43)

Material Diameter		Working Load		Proof Load		Breaking Load		Weight Per 100'		Inside Length (max)		Inside Width (min)	
in.	mm	kg	lbs	kn	lbs	kn	lbs	kg	lbs	mm	in.	mm	in.
1/4	7.10	1180	2600	19.10	4300	34.50	7750	36.30	80	21.80	0.86	10.20	0.40
5/16	8.70	1770	3900	28.40	6400	51.60	11600	50.40	111	26.70	1.05	12.20	0.48
3/8	10.30	2450	5400	39.60	8900	72.00	16200	72.60	160	30.30	1.19	14.70	0.58
1/2	13.50	4170	9200	68.00	15300	122.70	27600	128.60	284	36.00	1.43	19.10	0.75

Transport Chain ASTM80(G70)

Material Diameter		Working Load		Proof Load		Breaking Load		Weight Per 100'		Inside Length (max)		Inside Width (min)	
in.	mm	kg	lbs	kn	lbs	kn	lbs	kg	lbs	mm	in.	mm	in.
1/4	7.10	1430	3150	27.80	6300	56.00	12600	34.00	75	21.80	0.86	11.40	0.45
5/16	8.70	2130	4700	41.80	9400	83.60	18800	50.40	111	25.60	1.01	11.70	0.46
3/8	10.30	2990	6600	58.70	13200	117.40	26400	71.00	156	30.20	1.19	14.00	0.55

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

NACM90 Standard Link Chain

Proof Coil Chain NACM90(G30)

Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
4	1/8	170	375	3.60	800	7.10	1600	23.90	0.94	6.40	0.25
5.50	3/16	365	800	7.20	1600	14.30	3200	24.80	0.98	7.70	0.30
7.00	1/4	580	1300	11.60	2600	23.10	5200	31.50	1.24	9.80	0.38
8.00	5/16	860	1900	15.10	3400	30.20	6800	32.80	1.29	11.20	0.44
10.00	3/8	1200	2650	23.60	5300	47.10	10600	35.00	1.38	14.00	0.55
13.00	1/2	2030	4500	39.80	8950	79.60	17900	45.50	1.79	18.20	0.72
16.00	5/8	3130	6900	60.30	13600	120.60	27200	56.00	2.20	20.00	0.79
20.00	3/4	4800	10600	94.30	21200	188.50	42400	70.00	2.76	25.00	0.98
22.00	7/8	5810	12800	114.10	25600	228.10	51200	77.00	3.03	27.50	1.08
25.00	1	8140	17900	159.10	35800	318.20	71600	90.90	3.58	31.70	1.25

High Test Chain NACM90(G43)

Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
7.00	1/4	1180	2600	16.60	3750	33.10	7500	31.50	1.24	9.80	0.38
8.00	5/16	1770	3900	21.60	4900	43.20	9700	32.80	1.29	11.20	0.44
10.00	3/8	2450	5400	33.80	7600	67.60	15200	35.00	1.38	14.00	0.55
13.00	1/2	4170	9200	57.10	12900	114.20	25700	45.50	1.79	18.20	0.72
16.00	5/8	5220	11500	86.50	19500	172.90	38900	56.00	2.20	20.00	0.79

Transport Chain NACM90(G70)

Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
7.00	1/4	1430	3150	27.00	6100	53.90	12100	31.50	1.24	9.80	0.38
8.00	5/16	2130	4700	41.60	9400	83.50	18800	33.50	1.29	11.20	0.44
10.00	3/8	2990	6600	55.00	12400	110.00	24700	35.00	1.38	14.00	0.55
13.00	1/2	5130	11300	92.90	20900	185.80	41800	45.50	1.79	18.20	0.72
16.00	5/8	7170	15800	140.40	31600	280.80	63200	56.00	2.20	20.00	0.79

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

NACM96 Standard Link Chain

Proof Coil Chain NACM96(G30)

Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
4	1/8	180	400	3.60	800	7.20	1600	23.90	0.94	6.40	0.25
5.50	3/16	355	800	7.20	1600	14.30	3200	24.80	0.98	7.70	0.30
7.00	1/4	580	1300	11.60	2600	23.10	5200	31.50	1.24	9.80	0.38
8.00	5/16	860	1900	16.90	3800	33.80	7600	32.80	1.29	11.20	0.44
10.00	3/8	1200	2650	23.50	5300	47.20	10600	35.00	1.38	14.00	0.55
11.90	7/16	1680	3700	32.90	7400	65.80	14800	41.50	1.64	16.60	0.65
13.00	1/2	2030	4500	40.00	9000	80.00	18000	45.60	1.79	18.20	0.72
16.00	5/8	3130	6900	61.30	13800	122.80	27600	56.00	2.20	20.00	0.79
20.00	3/4	4800	10600	94.30	21200	188.60	42400	70.00	2.76	25.00	0.98
22.00	7/8	5810	12800	114.10	25600	228.20	51200	77.00	3.03	27.50	1.08
25.00	1	8140	17900	159.10	35800	318.20	71600	90.90	3.58	31.70	1.25

High Test Chain NACM96(G43)

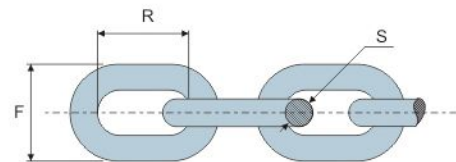
Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
7.00	1/4	1180	2600	17.30	3900	34.60	7800	31.50	1.24	9.80	0.38
8.70	5/16	1770	3900	26.00	5850	52.00	11700	32.80	1.29	11.20	0.44
10.00	3/8	2450	5400	36.00	8100	72.00	16200	35.00	1.38	14.00	0.55
11.90	7/16	3270	7200	48.00	10800	96.00	21600	41.60	1.64	16.60	0.65
13.00	1/2	4170	9200	61.30	13800	122.60	27600	45.50	1.79	18.20	0.72
16.00	5/8	5910	13000	86.50	19500	173.00	3900	56.00	2.20	20.00	0.79

Transport Chain NACM96 (G70)

Material Diameter		Working Load		Proof Load		Breaking Load		Inside Length (max)		Inside Width (min)	
mm	in.	kg	lbs	kn	lbs	kn	lbs	mm	in.	mm	in.
7.00	1/4	1430	3150	28.00	6300	56.00	12600	31.50	1.24	9.80	0.38
8.00	5/16	2130	4700	41.80	9400	83.60	18800	32.80	1.29	11.20	0.44
10.00	3/8	2990	6600	58.70	13200	117.40	26400	35.00	1.38	14.00	0.55
13.00	1/2	5130	11300	100.40	22600	200.80	45200	45.50	1.79	18.20	0.72
16.00	5/8	7170	15800	140.40	31600	280.80	63200	56.00	2.20	20.00	0.79

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Australian Standard Link Chain 澳大利亚标准链条



Short Link Chain 短环链条

Chain Size mm	Working Load ton	Link Dimension			Links Per M pc	Length Per 100KG	
		S mm	R mm	F mm		B.F. m	H.D.G m
5	0.24	5.0	14.6	17.2	68.3	174.0	167.0
6	0.32	6.3	18.9	21.5	52.9	114.0	108.0
8	0.53	8.0	24.0	27.5	41.7	70.5	67.0
10	0.83	10.0	29.5	33.5	33.9	45.2	42.9
12	1.50	12.5	37.5	40.6	26.7	29.5	28.0
13	1.60	13.0	38.8	44.6	25.8	26.9	26.3
16	2.31	16.0	47.0	54.0	21.3	17.6	16.7
20	3.45	20.0	59.2	68.5	16.9	11.3	11.1
22	4.55	22.0	64.9	77.0	15.4	9.5	9.2
24	5.43	24.0	71.0	82.2	14.1	7.8	7.6

Medium Link Chain 中环链条

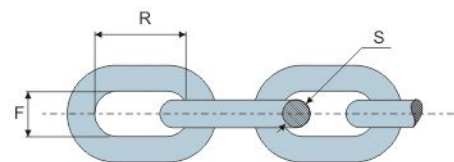
Chain Size mm	Working Load ton	Link Dimension			Links Per M pc	Length Per 100KG	
		S mm	R mm	F mm		B.F. m	H.D.G m
3	0.06	3.15	15.7	13.1	63.8	511.0	498.0
4	0.11	4.00	18.6	16.0	53.9	320.0	305.0
5	0.19	5.00	22.0	19.4	45.4	203.0	193.0
6	0.32	6.30	26.1	23.5	37.8	129.0	120.0
8	0.53	8.00	32.2	29.5	31.0	77.8	74.1
10	0.83	10.0	39.1	36.2	25.0	48.5	47.1
12	1.35	12.0	46.0	44.0	21.7	34.0	33.3
13	1.50	13.0	49.1	46.1	20.3	29.7	27.7
16	2.31	16.0	59.6	56.5	16.8	20.2	18.2
20	3.67	20.0	73.3	70.0	13.6	12.3	11.6
24	5.31	24.0	87.0	83.6	11.5	8.5	8.04

Long Link Chain 长环链条

Chain Size mm	Working Load ton	Link Dimension			Links Per M pc	Length Per 100KG	
		S mm	R mm	F mm		B.F. m	H.D.G m
3	0.05	3.15	22.1	15.7	45.3	555.0	526.0
4	0.09	4.00	25.4	18.6	39.3	345.0	323.0
5	0.19	5.00	29.3	21.8	34.1	217.0	206.0
6	0.32	6.30	34.5	26.1	29.0	135.0	128.0
8	0.53	8.00	41.2	31.9	24.3	82.2	78.1
10	0.83	10.00	49.0	38.7	20.4	52.8	50.2

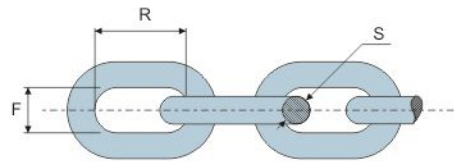
Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Korean Standard Link Chain 韩国标准链条



Nominal Size (S) mm		Material Size mm	Inside Length (R) mm	Inside Width (F) mm	Length Per pc m	Weight Per pc kg
Short Link	3	3.0	20.0	5.3	30	4.50
	4	4.0	22.0	7.5	30	9.00
	5	4.8	23.7	8.3	30	12.74
	6	5.8	27.3	10.0	30	18.86
	7	7.0	31.0	12.0	15	14.14
	8	7.8	35.0	13.7	15	17.23
	9	8.8	39.0	15.2	15	22.13
	12	12.0	38.0	18.0	15	45.00
	15	15.0	45.0	23.0	15	75.45
	16	16.0	53.0	23.0	15	76.41
Long Link	19	19.0	58.0	25.0	10	78.28
	4	3.9	34.3	6.2	30	7.26
	4.5	4.5	44.4	9.2	30	9.46
	5	4.8	45.0	11.0	30	11.31
	6	6.0	47.0	12.0	30	18.00
	7	6.8	50.0	11.4	15	11.19
	12	12.0	50.0	18.0	15	42.00
	15	14.8	64.0	23.0	15	61.44
	19	19.0	75.0	25.0	10	71.00

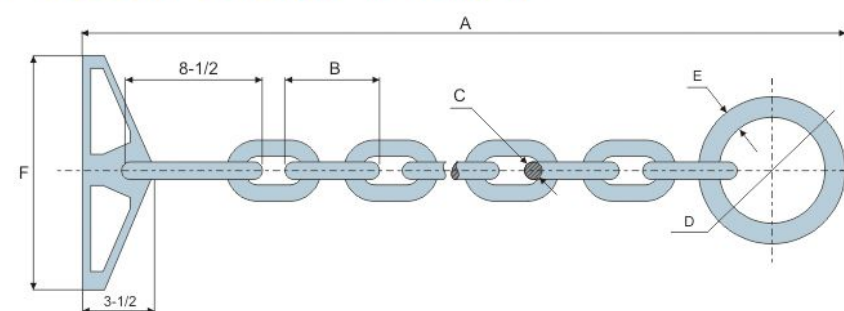
Norwegian Standard Link Chain 挪威标准链条



Size (S) mm	Inside Length (R) mm	Inside Width (F) mm	Weight Per M kg	Breaking Load kg	Length Per pc m	Length Per Reel m
3.5	18.0	5.5	0.25	500	100	100
5.0	22.0	8.5	0.50	1000	100	60
6.5	24.0	10.0	0.85	1500	50	37
8.0	25.5	11.0	1.35	2500	50	23
10.0	32.0	13.0	2.10	4000	30	15
11.0	35.0	16.0	2.55	5000	30	--
13.0	39.0	18.0	3.70	6400	30	--
16.0	48.0	23.0	5.70	10000	30	--
19.0	57.0	27.0	8.00	14000	30	--

Note: All Above Items Material Available For Stainless Steel AISI 304/316.

Boom Chain 码头链



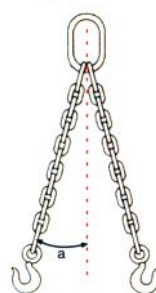
Nominal Size in.	Weight lbs	Average MBS lbs	Dimensions in.					
			A(ft)	B	C	D	E	F
3/4	37	50,000	7	4-1/2	2-5/8	5-1/2	1	12
7/8	53	70,000	7	5-1/4	3-1/8	6	1-1/8	12
1	65	90,000	7	6	3-1/2	6	1-1/8	12

With Delta Ring & Eye Grab Hook 钩子链

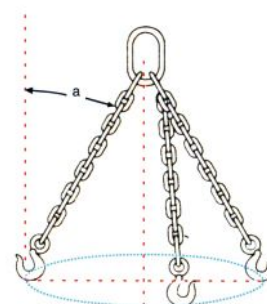


Delta Ring Size in.	Enlarged Link Size in.	Chain Size & Grade in.	Hook Size & Grade in.	Breaking Load (lbs)	Length in.	Unit Weight (kg/pc)	Packing (pc/bag)
A	B1/B2	C	D				
2	3/8	1/4 G70	5/16 G43	10000	18	0.90	50
2	3/8	5/16 G43	3/8 G43	10000	18	1.18	50
3	7/16	5/16 G70	5/16 G70	16200	18	1.32	35
3	7/16	5/16 G70	3/8 G43	16200	18	1.48	35
3	7/16	3/8 G43	3/8 G43	16200	18	1.28	35
3	7/16	3/8 G43	3/8 G43	16200	18	1.68	35
4	7/16	3/8 G70	3/8 G70	20000	18	1.94	35

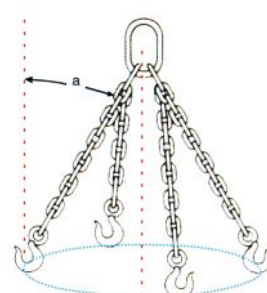
G80 Chain Sling 80级吊装链



TYPE 1
单只吊链



TYPE 2
双只吊链



TYPE 3
三只吊链

U.S. Type Double Loop Chain 美式编结链条



Diameter mm	Inside Length mm	Outside Width mm	Weight Per 100ft kg
1.6	23.37	7	1.8
1.8	25.4	8	2.2
2	27.94	9	3
2.3	33.78	10	3.5
2.7	39.12	12	4.5
2.7	51.56	12	4.2
3	45.21	14	5.7
3	56.9	14	5.2
3.4	46.23	15.5	7.5
3.4	56.9	15.5	7
3.8	55.12	17	9.4
4.1	55.63	19	11
4.9	73.78	21	15.7

DIN5686 Double Loop Chain DIN5686编结链条



Diameter mm	Inside Length mm	Outside Width mm	Breaking Load kg	Weight Per 100m kg
1.4	20	6.5	16	4.2
1.6	23	7	22	6
1.8	26.5	8	30	7.3
2	28	9	40	9
2.2	31	10	50	11
2.5	35	11	70	14
2.8	39	12.5	90	17
3.1	41	14	120	21
3.4	44	15.5	140	26
3.8	46	17	160	34
4.2	52	19	170	41
4.6	58	20.5	180	50
5	60	22.5	190	57

NACM90 Machine Chain Twist Link NACM90机制扭曲链



Trade Size		Material Diameter		Working Load (max)		Breaking Force (min)		Inside Length		Inside Width	
mm	NO.	mm	in.	kg	lbs	kn	lbs	mm	in.	mm	in.
3	4	3	0.12	93	205	3.64	820	13.1	0.52	4.3	0.17
3.4	3	3.4	0.135	116	255	4.53	1020	14.2	0.56	5.1	0.2
3.8	2	3.8	0.148	141	310	5.51	1240	14.7	0.58	5.3	0.21
4.1	1	4.1	0.162	168	370	6.58	1480	15	0.59	6.1	0.24
4.5	1/0	4.5	0.177	200	440	7.82	1760	17.2	0.68	6.6	0.26
4.9	2/0	4.9	0.192	236	520	9.24	2080	18.5	0.73	7.1	0.28
5.3	3/0	5.3	0.207	274	605	10.76	2420	20.3	0.8	7.9	0.31
5.5	4/0	5.5	0.218	304	670	11.91	2680	22.5	0.89	8.1	0.32
6.4	5/0	6.4	0.25	400	880	15.64	3520	25.3	1	9.4	0.37

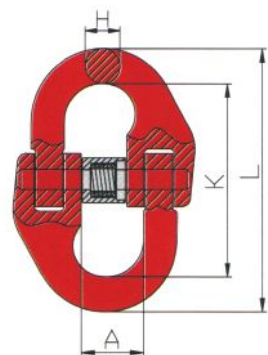
Plastic Chain 塑料链条



Nominal Size	I.L.	I.W.	W.L.L.	M.B.S
mm	mm	mm	kg	kg
6	28	7.30	6.10	10.98
8	36	10.00	12.50	22.50
10	63	14.00	14.00	25.20

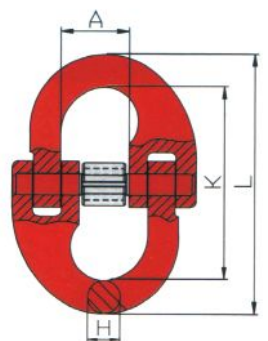
Link 环类

G80 U.S. Type A-336 Connection Link 80级美式A-336双环扣



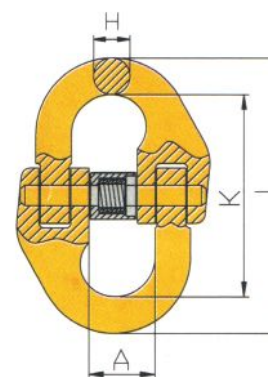
Chain Size in.	Weight lbs	W.L.L. lbs	B.L lbs	Dimensions(mm)			
				A	L	K	H
1/4	0.24	3250	13000	19.5	69	55	7
5/16	0.32	4500	18000	18	79.5	62.5	8.5
3/8	0.58	6600	26400	27	91.5	68.5	11.5
1/2	1.2	11250	45000	35	111	81	15
5/8	2.42	16500	66000	42	137.5	95.5	21
3/4	3.89	23000	92000	43	171	126	22.5
7/8	6.08	28750	115000	48	190.5	141.5	24.5

G80 U.S. Type A-337 Connection Link 80级美式A-337双环扣



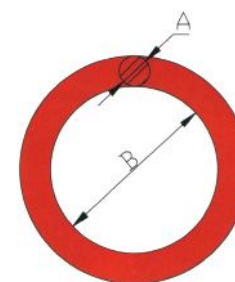
Chain Size in.	Weight lbs	W.L.L. lbs	B.L lbs	Dimensions(mm)			
				A	L	K	H
1/4	0.286	3500	14000	16.5	67	51	8
5/16	0.32	4500	18000	17	78.5	58.5	10
3/8	0.73	7100	28400	22	87.6	63.6	12
1/2	1.67	12000	48000	28.5	115.5	85.5	15
5/8	2.86	18100	72400	33	143	106	18.5
3/4	5.00	28300	113200	41	162	116	23
7/8	7.50	34200	136800	50.5	188.5	136.5	26
1	11.03	47700	190800	57	214.5	152.5	31
1-1/4	20.38	72300	289200	65	265	188.7	38

G80 European Type Connection Link 80级欧式双环扣



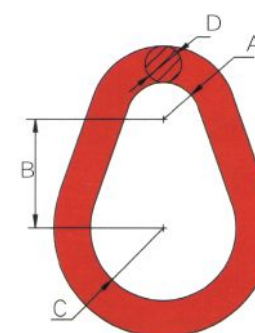
Chain Size mm	Weight kg	W.L.L. ton	B.L ton	Dimensions(mm)			
				A	L	K	H
6	0.08	1.12	4.48	15	58	42	7
7	0.145	1.5	6	19	71.8	54.8	8.5
7/8	0.146	2	8	18	79.5	62.5	8.5
8	0.16	2	8	18	79.5	60.5	8.5
10	0.30	3.15	12.6	25	93	68	10.8
13	0.70	5.3	21.2	29	117	87	15
16	1.1	8	32	34.5	148	108.4	19.8
18	1.84	10	40	38	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	220	158	30
32	9	31.5	126	67	281	205	37

Forged Round Ring 模锻圆环



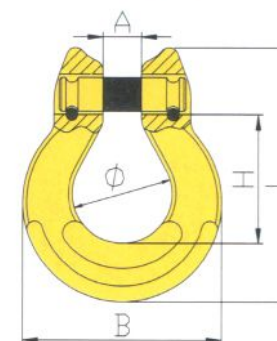
Size A×B in.	Weight kg	W.L.L. lbs	B.L lbs	Size in.	Weight kg	W.L.L. lbs	B.L lbs
3/8×2	0.11	1100	6600	1-1/8×6	2.87	10400	62400
1/2×2	0.21	2200	13200	1-1/4×5	3.1	17000	102000
5/8×3	0.46	3300	19800	1-1/4×6	3.6	17000	102000
5/8×3-5/16	0.5	3300	19800	1-1/4×10	5.6	17000	102000
3/4×3	0.67	5000	30000	1-3/8×6	4.5	19000	114000
3/4×4	0.84	5600	33600	1-1/2×8	6.8	25000	150000
7/8×4	1.2	7200	43200	1-1/2×8-3/4	7.32	25000	150000
7/8×5-1/2	1.55	5600	33600	1-1/2×10	8.22	25000	150000
1×4	1.59	10800	64800	2×12	17.8	35000	210000
1×5-1/2	2.1	10800	64800	--	--	--	--

Forged Pear Shape Link 锻造梨型环



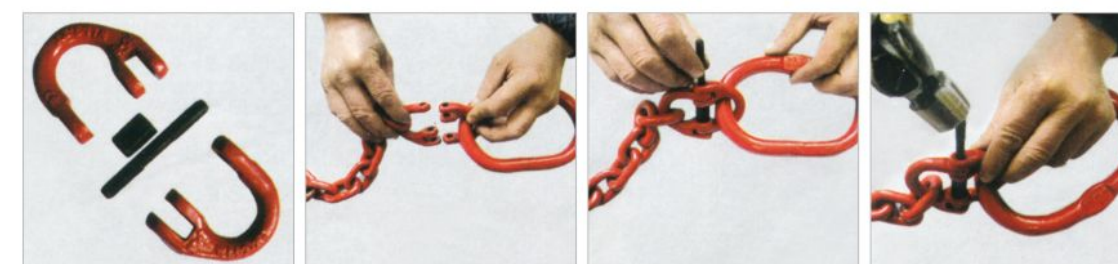
Chain Size in.	Weight kg	W.L.L.(lbs) Alloy(5:1)	W.L.L.(lbs) Carbon(5:1)	Dimensions(mm)			
				A	B	C	D
3/8	0.1	3600	1800	10	28.5	19	10
1/2	0.25	7000	2900	12.5	38	25.5	12.5
5/8	0.5	9000	4200	16	47.5	32	16
3/4	0.8	12300	6000	19	57	38	19
7/8	1.4	14000	8300	22	67	44.5	22.2
1	1.9	24360	10800	25	76	51	25.4
1-1/8	2.92	30600	12000	28	86	57	28.5
1-1/4	3.75	36000	16750	32	95	63.5	31.75
1-3/8	5.12	43000	20500	35	105	70	35
1-1/2	6.5	54300	25000	38	114	76	38

G80 Omega Link 80级欧米茄环

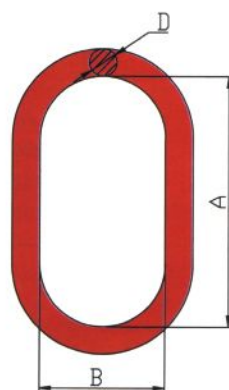


Chain Size mm	Weight kg	W.L.L. ton	B.L ton	A mm	B mm	Φ mm	H mm	L mm
6	0.12	1.12	4.48	8	41	20.5	25	52
7/8	0.22	2	8	10	52	23.5	35	68.5
10	0.36	3.15	12.6	12	62	31.5	40.5	81
13	0.71	5.3	21.2	15	81	41	54	108
16	1.3	8	32	19	99	49.5	64	126
20	2.2	12.5	50	23	118	58	75.6	152

Assembly method 装配方法

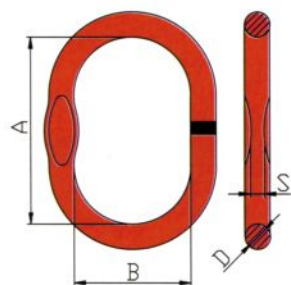


G80 U.S.Type A-342 Forged Master Link 80级美式A-342锻造强力环



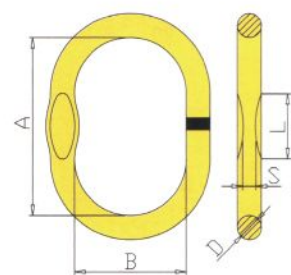
Chain Size in.	Weight kg	W.L.L. ton	B.L. ton	Dimensions(mm)		
				A	B	D
1/2	0.36	3.2	16	127	63.5	13
5/8	0.7	4.1	20.5	152	76	16
3/4	0.93	5.6	28	140	70	19
7/8	1.5	6.8	34	160	90	22
1	2.1	11	55	178	89	25
1-1/4	4.24	16.4	82	222	111	32
1-1/2	7.17	24.6	123	267	135	38
1-3/4	11.55	38.5	192.5	305	152	45
2	17.2	46.5	232.5	355	178	51
2-1/4	24.5	64.9	324.5	406	203	57
2-1/2	30.9	72.6	363	406	203	63.5
2-3/4	39.5	98.4	492	406	241	70
3	50.34	103.4	517	457	228	76
3-1/4	65.68	119	595	508	254	82.5
3-1/2	90.24	126.5	632.5	310	305	89
3-3/4	89.27	152.4	762	508	254	95
4	103.43	169.2	846	508	254	101.6

G80 U.S.Type A-344 Welded Master Link 80级美式A-344焊接强力环



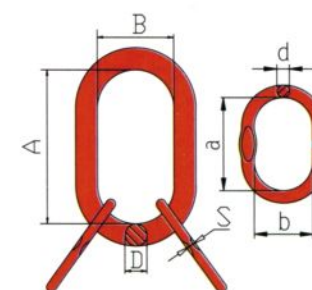
Chain Size in.	Weight kg	Chain (4:1)		Steel Wire (5:1)		Dimensions(mm)			
		W.L.L. ton	B.L. ton	W.L.L. ton	B.L. ton	A	B	D	S
7/16	0.27	1.6	6.4	1.2	6	100	60	12	6
1/2	0.38	2.76	11.04	2.2	11	100	60	14	7.6
11/16	0.85	4	26	3.2	16	160	90	18	8.4
3/4	1.2	6.5	26	5.2	26	160	90	20	10.4
7/8	1.63	8.2	32.8	6.5	32.5	180	100	22	13.5
1	2.13	11.5	46	9.2	46	180	100	25	16.5
1-1/8	3.81	11.8	47.2	9.4	47	270	140	28	19
1-1/4	5.05	16	64	12.8	64	270	140	32	19

G80 European Type A-343 Master Link 80级欧式A-343强力环



Chain Size mm	Weight kg	W.L.L. ton	B.L. ton	Dimensions(mm)				
				A	B	D	S	L
7 6	0.34	1.6	6.4	110	60	13	7	25
8 7	0.54	2.12	8.48	110	60	16	7	25
10 8	0.823	3.15	12.6	135	75	18	7	35
13 10	1.5	5.3	21.2	160	90	22	11	35
16 13	2.32	8	32	180	100	26	13	45
18 16	3.95	11.2	44.8	200	110	32	17	45
20 18	6.34	14	56	260	140	36	--	--
22 20	8.96	17	68	300	160	40	--	--
26 22	12.8	21.2	84.8	340	180	45	--	--
32 26	16.55	31.5	126	350	190	50	--	--
36 32	23.28	45	180	400	200	56	--	--
40 36	32	56	224	430	220	63	--	--

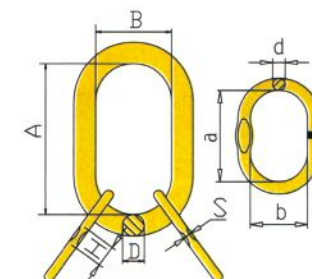
G80 U.S Type A-345 Master Link Assembly 80级美式A-345强力子母环



Chain Size in.	Weight kg	W.L.L. ton	B.L. ton	Dimensions(mm)						
				A	B	D	a	b	d	s
3/4	1.55	4.1	20.5	140	70	20	85	40	14	7.6
1	3.29	8.4	42	178	89	25	100	60	18	8.4
1-1/4	7.18	14.1	70.5	222	110	32	100	60	22	13.5
1-1/2	12.91	21.3	106.5	267	135	38	180	100	30	16.5
1-3/4	21.25	33.3	166.5	305	152	45	180	100	32	18.5
2	30.34	40.3	201.5	356	178	50	180	100	38	--

Note: Main Link Forged, Sub Link Welded

G80 European Type Master Link Assembly 80级欧式强力子母环



Chain Size mm	Weight kg	W.L.L. ton	B.L. ton	Dimensions(mm)						
				A	B	D	a	b	d	s
6	1.18	2.36	9.44	135	75	18	54	25	13	7
7	1.24	3.15	12.6	135	75	18	60	38	13	7
8	2.2	4.25	17	160	90	22	70	34	16	7
10	3.4	6.7	26.8	180	100	26	85	40	18	11
13	6.1	11.2	44.8	200	110	32	115	50	22	13
16	9.98	17	68	260	140	36	140	65	26	17
18	18.9	21.2	84.8	340	180	45	180	100	32	--
20	22.6	26.5	106	350	190	50	180	100	32	--
22	25.2	31.5	126	350	190	50	180	100	36	--
26	35.2	45	180	400	200	56	200	110	40	--
28	47	50	200	430	220	63	200	110	45	--
32	66.46	63	252	460	250	72	200	110	50	--

H Type Twin Clevis Link H型羊角环



Chain Size in.	W.L.L. lbs	I.L. in.	I.W. in.	Weight lbs
1/4-5/16	4700	1.18	0.47	0.32
3/8	6600	1.34	0.53	0.44
7/16-1/2	11250	1.75	0.65	1
5/8	16500	2.12	0.78	1.32

MIN.Breaking Strength=4 × W.L.L.

X Type Double Clevis Link X型羊角环



Chain Size in.	W.L.L. lbs	I.L. lbs	I.W. (in.)		Weight lbs
			Small end	Large end	
1/4	2600	1.50	0.50	0.75	0.44
5/16-3/8	5400	1.81	0.56	1.00	0.81
7/16	7000	2.19	0.69	1.13	1.28
1/2	9200	2.47	0.81	1.25	1.68
5/8	17500	3.03	0.78	1.63	2.91

MIN.Breaking Strength=4 × W.L.L.

HOOK 货钩

Eye Hoist Hook 美式眼型货钩



320

Chain Size in.	W.L.L. (ton)		I.L. in.	I.D. of Eye in.	N.W. lbs
	320C	320A			
1/2		3/4	2.8	0.63	0.35
3/4		1	3.22	0.75	0.55
1		1-1/2	3.66	0.91	0.75
1-1/2		2	4.09	1.12	1.25
2		3	4.69	1.25	1.7
3		4-1/2	5.78	1.56	3.6
5		7	7.38	2	7.08
7-1/2		11	9.06	2.44	13.00

320C-Carbon Steel, 320A-Alloy Steel; Min. Breaking Strength=5 x W.L.L.

Clevis Grab Hook 美式羊角抓钩



330

Chain Size in.	W.L.L. (lbs)		I.L. in.	N.W. lbs
	H330	A330		
1/4	2600	3600	1.97	0.4
5/16	3900	5400	2.26	0.79
3/8	5400	7500	2.63	1
7/16	7200	10000	2.75	1.5
1/2	9200	12750	3.19	2.1
5/8	12750	19000	4.09	4.2
3/4	18500	27000	4.63	6.5

H330-Carbon Steel, A330-Alloy Steel; Min. Breaking Strength=4 x W.L.L.

Clevis Slip Hook 美式羊角滑钩



331

Chain Size in.	W.L.L. (lbs)		I.L. in.	N.W. lbs
	H331	A331		
1/4	1950	2750	2.56	0.50
5/16	2875	4300	2.87	0.75
3/8	4000	5250	3.25	1.20
7/16	5000	7000	3.7	2.06
1/2	6500	9000	4.00	2.80
5/8	9250	13500	4.94	4.75
3/4	12500	19250	6.09	10.30

H331-Carbon Steel, A331-Alloy Steel; Min. Breaking Strength=4 x W.L.L.

Eye Grab Hook 美式眼型抓钩



323

Chain Size in.	W.L.L. (lbs)		I.L. in.	N.W. lbs
	H323	A323		
1/4	2600	3600	1.97	0.28
5/16	3900	5400	2.25	0.45
3/8	5400	7500	2.56	0.79
7/16	7200	10000	2.94	1.19
1/2	9200	12750	3.38	1.80
5/8	12750	19000	4.11	3.30
3/4	18500	27000	5.16	6.00

H323-Carbon Steel, A323-Alloy Steel; Min. Breaking Strength=4 x W.L.L.

Eye Slip Hook 美式眼型滑钩



324

Chain Size in.	W.L.L. (lbs)		I.L. in.	N.W. lbs
	H324	A324		
1/4	1950	2750	2.56	0.40
5/16	2875	4300	2.95	0.70
3/8	4000	5250	3.36	1.00
7/16	5000	7000	3.88	1.60
1/2	6500	9000	4.28	2.40
5/8	9250	13500	5.22	4.00
3/4	12500	19250	5.80	6.50

H324-Carbon Steel, A324-Alloy Steel; Min. Breaking Strength=4 x W.L.L.

Shank Hook 美式直杆货钩



319

Chain Size in.	W.L.L. (ton)		I.L. in.	DIA. of Shank in.	N.W. lbs
	319C	319A			
3/4		1	2.28	0.59	0.50
1		1-1/2	2.53	0.66	0.75
1-1/2		2	2.69	0.72	1.00
2		3	3.06	0.88	1.85
3		4-1/2	3.78	1.16	3.85
5		7	4.75	1.41	7.25
7-1/2		11	5.88	1.69	13.00

319C-Carbon Steel, 319A-Alloy Steel; Min. Breaking Strength=5 x W.L.L.

Swivel Hook 美式旋转货钩



322

Chain Size in.	W.L.L. (ton)		I.L. in.	I.W. of Swivel in.	N.W. lbs
	322C	322A			
3/4		1	4.47	1.25	0.75
1		1-1/2	5.28	1.50	1.25
1-1/2		2	6.02	1.75	2.25
2		3	6.38	1.75	2.57
3		4-1/2	7.41	2.00	4.75
5		7	9.59	2.50	10.29
7-1/2		11	11.13	2.75	16.25

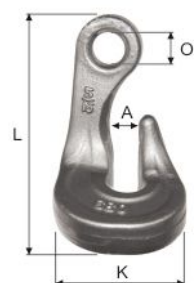
322C-Carbon Steel, 322A-Alloy Steel; Min. Breaking Strength=5 x W.L.L.

Trailer Hook 拖车钩



Chain Size in.	I.L. in.	I.D. of Eye in.	N.W. lbs
3/4	2.81	0.75	0.42

Eye Bend Hook 眼型弯钩



Chain Size in.	Dimensions(in.)				M.B.S. lbs	N.W. lbs
	A	K	L	O		
5/16	5/16	2.24	3.07	0.51	10000	0.81
3/8	3/8	2.71	3.97	0.67	13000	1.76
1/2	1/2	3.26	4.40	0.82	27000	2.97

Winch Hook 绞车钩



Chain Size in.	I.D. of Eye in.	M.B.S. lbs	N.W. lbs
5/8	0.75	6000	0.51

Claw Hook 爪钩



Chain Size in.	W.L.L. lbs	I.L. in.	N.W. kg
5/16	3400	3.40	0.28
3/8	5400	4.20	0.50

G80 Clevis Grab Shortening Hook 80级羊角带翅抓钩



Chain Size mm	W.L.L. ton	N.W. kg
6-8	1.2	0.175
7/8-8	2.0	0.35
10-8	3.2	0.72
13-8	5.4	1.33
16-8	8.2	2.65
20-8	12.8	4.10

G80 Eye Grab Shortening Hook 80级眼型带翅抓钩



Chain Size mm	W.L.L. ton	N.W. kg
6-8	1.5	0.135
7/8-8	2.0	0.23
10-8	3.2	0.725
13-8	5.4	1.34
16-8	8.2	2.10
20-8	12.8	3.88

G80 European Type New Eye Self-Locking Safety Hook 80级欧式新型眼型自锁安全钩



Chain Size mm	W.L.L. ton	B.L. ton	N.W. kg
7/8-8	2.0	8.0	0.83
10-8	3.2	12.8	1.26
13-8	5.4	21.6	2.12
16-8	8.2	32.8	3.49

G80 European Type New Clevis Self-Locking Safety Hook 80级欧式新型羊角自锁安全钩



Chain Size mm	W.L.L. ton	B.L. ton	N.W. kg
7/8-8	2	8.0	0.85
10-8	3.2	12.8	1.4
13-8	5.4	21.6	2.5
16-8	8.2	32.8	5.6

G80 U.S. Type Eye Self-Locking Safety Hook 80级美式眼型自锁安全钩



Chain Size in.	W.L.L. lbs	B.L. lbs	N.W. lbs
1/4	4500	18000	1.81
3/8	7100	28400	3.24
1/2	12000	48000	5.96
5/8	18100	72400	12.75

G80 U.S. Type Clevis Self-Locking Safety Hook 80级美式羊角自锁安全钩



Chain Size in.	W.L.L. lbs	B.L. lbs	N.W. lbs
1/4-5/16	4500	18000	1.79
3/8	7100	28400	3.19
1/2	12000	48000	6.75
5/8	18100	72400	11.94

G80 European Type Swivel Self-Locking Safety Hook 80级欧式旋转自锁安全钩



Chain Size mm	W.L.L. ton	O.L. mm	N.W. kg
6	1.2	187	0.6
7-8	2	225	1
10	3.2	273	2.2
13	5.4	349	4.5
16	8.2	410	8.2
18-20	12.5	460	11.7

G80 Weld On Hook 80级焊接钩



Size ton	W.L.L. ton	B.L. ton	N.W. kg
2	2	10	0.55
3.2	3.2	16	0.87
5.3	5.3	26.5	1.75
8	8	40	2.98
12.5	12.5	62.5	6.16

G80 Eye Sling Hook With Latch 80级眼型滑钩带舌片



Chain Size mm	W.L.L. ton	B.L. ton	N.W. kg
6-8	1.25	5	0.244
7/8-8	2	8	0.4
10-8	3.2	12.8	0.92
13-8	5.4	21.6	2.15
16-8	8	32	2.97
20-8	12.5	51.2	6.36
22-8	15	60	8.2

G80 Clevis Sling Hook With Latch 80级羊角滑钩带舌片



Chain Size mm	W.L.L. ton	B.L. ton	N.W. kg
6-8	1.25	5	0.3
7/8-8	2	8	0.5
10-8	3.2	12.8	0.9
13-8	5.4	21.6	1.7
16-8	8	32	3.5
20-8	12.5	50	6.19

Lifting Clamp 起重夹钳

Horizontal Lifting Clamp 水平式起重夹钳



Capacity ton	Opening Size mm
1	0-30
2	0-40
3	0-45
5	0-55
8	0-100
10	0-125

Vertical Lifting Clamp 立式起重夹钳



Capacity ton	Opening Size mm
1	0-20
2	0-25
3	0-30
5	0-50
8	0-60
10	0-80



Trolley Type 1
手推行车



Trolley Type 2
手推行车



Trolley Type 3
手推行车

Chain Block 环链葫芦

Model HSC/HSZ Hand Chain Block HSC/HSZ型手拉葫芦



HSC Chain Block 三角型手拉葫芦
HSZ Chain Block 圆型手拉葫芦

Capacity ton	Standard Lift Height m	Test Load ton	Pulling Force to Full Load N	No. of Load Chain Fall lines	Dia. of Load Chain mm
0.5	2.5	0.75	221	1	6
1	2.5	1.5	304	1	6
1.5	2.5	2.25	343	1	8
2	2.5	3	314	2	8
3	3	4.5	343	2	8
5	3	7.5	383	2	10
10	3	12.5	392	4	10
20	3	25	392	8	10

Note: The data is for the HSC Chain Block

Model HSH Pull-Lift Chain Lever Block HSH型手扳葫芦



Capacity ton	Lift Height m	Run Test Load kn	Effort Required to Lift Rated Load N	Strands of Load Chain	Dia. of Load Chain mm
0.75	1.5	11	140	1	6
1.5	1.5	22.5	240	1	8
3	1.5	37.5	320	1	10
6	1.5	75	340	2	10
9	1.5	112.5	360	3	10

Electric Chain Hoist 电动葫芦



Electric Chain Hoist I
电动葫芦 I

Capacity ton	Hoisting Height m	Lifting Speed m/min	Travel Speed m/min
1	9	8	20(30)
2	9	8	20(30)
3	9	8	20(30)
5	9	8	20(30)
10	9	7	20(30)



Electric Chain Hoist II
电动葫芦 II



Electric Chain Hoist III
电动葫芦 III



Electric Chain Hoist IV
电动葫芦 IV

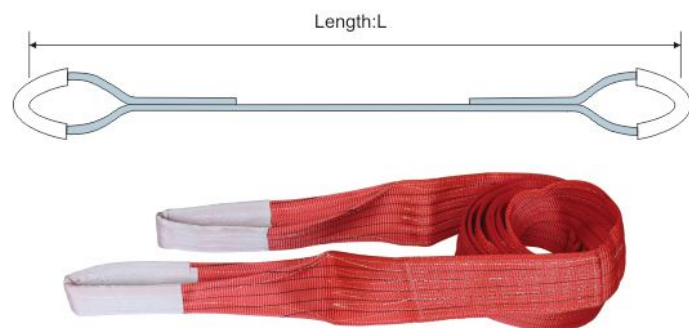
| Webbing Sling 吊带 |

Flat Webbing Slings Eye & Eye 扁平吊带 眼&眼

Standard: EN1492-1: 2008 (Europe Standard)
Length: 1m to 12m
Material: 100% Polyester

Safety Factor: 7:1

标准: EN1492-1:2008 (欧标)
长度: 1-12米
材质: 100%涤纶
安全系数: 7倍



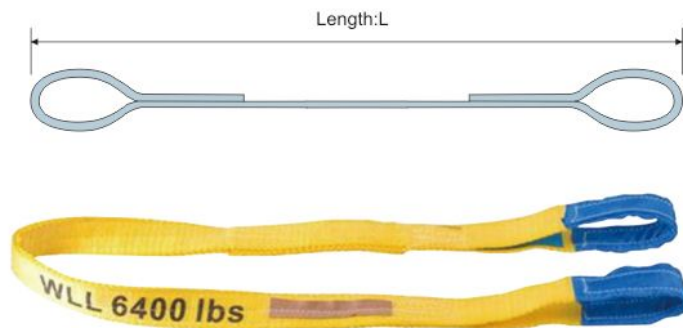
Width (mm)	W.L.L. (Tons)	Colour	1 Webbing Sling						
			Straight (Tons)	Choker (Tons)	β				
					0° - 7°	7° - 45°	45° - 60°	Up to 45°	45° - 60°
			1.0	0.8	2.0	1.4	1.0	0.7	0.5
30	1		1.00	0.80	2.00	1.40	1.00	0.70	0.50
60	2		2.00	1.60	4.00	2.80	2.00	1.40	1.00
90	3		3.00	2.40	6.00	4.20	3.00	2.10	1.50
120	4		4.00	3.20	8.00	5.60	4.00	2.80	2.00
150	5		5.00	4.00	10.00	7.00	5.00	3.50	2.50
180	6		6.00	4.80	12.00	8.40	6.00	4.20	3.00
240	8		8.00	6.40	16.00	11.20	8.00	5.60	4.00
300	10		10.00	8.00	20.00	14.00	10.00	7.00	5.00
300	12		12.00	9.60	24.00	16.80	12.00	8.40	6.00

Note: The Safety Factor 5:1,6:1 is Available

Flat Webbing Slings Eye & Eye 扁平吊带 眼&眼(美标)

Standard: ASME/ANSI B30.9 (American Standard) Class 7
Length: 1m to 12m
Material: 100% Polyester
Class 7, means rated loads are based on a stuffer weave construction webbing possessing a minimum certified tensile strength of 9,800 lbs/inch width.

标准: ASME/ANSI B30.9(美标) 7倍
长度: 1-12米
材质: 100%涤纶
7倍, 即带料破断--9800磅/寸

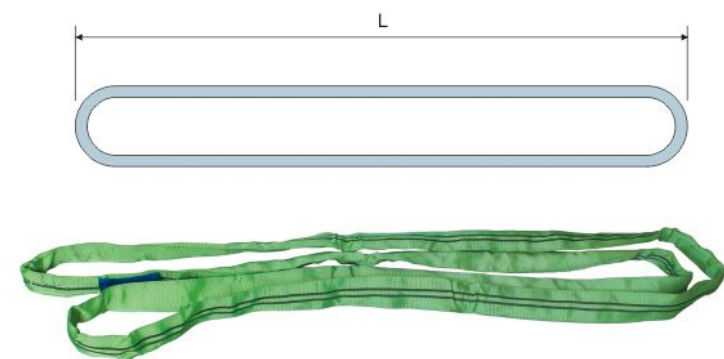


Round Slings 圆形吊带

Standard: EN1492-2: 2008 (Europe Standard)
Length: 1m to 80m
Material: 100% Polyester
Load Scope:1T to 300T

Safety Factor: 5:1 6:1 7:1 8:1

标准: EN1492-2:2008 (欧标)
长度: 1-80米
材质: 100%涤纶
载重: 1吨-300吨
安全系数: 5倍 6倍 7倍 8倍



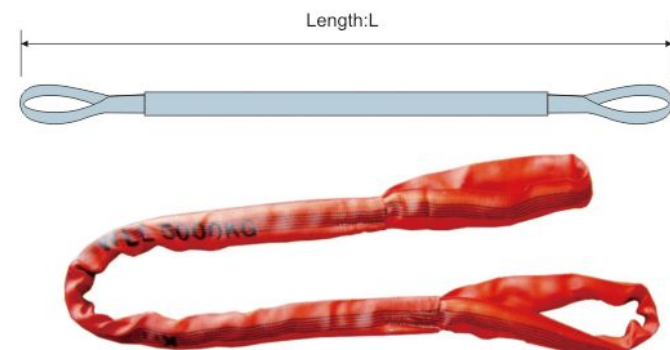
Colour 颜色	Colour code according to EN1492-1 色号标准	Working load limit with 1 webbing sling 一根吊带载重限度							Working load limit with 2 webbing sling 两根吊带载重限度			
		Straight lift 垂直吊升	Choked lift 栓结吊升	0° - 7°	7° - 45°	45° - 60°	Up to 45°	45° - 60°	Straight up to 45°	Choker up to 45°	Straight 45° - 60°	Choker 45° - 60°
Voilet 紫色	WLL 1T	1.00	0.8	2.00	1.4	1	0.7	0.5	1.4	1.12	1	0.8
Green 绿色	WLL 2T	2.00	1.6	4.00	2.8	2	1.4	1	2.8	2.24	2	1.6
Yellow 黄色	WLL 3T	3.00	2.4	6.00	4.2	3	2.1	1.5	4.2	3.36	3	2.4
Grey 灰色	WLL 4T	4.00	3.2	8.00	5.6	4	2.8	2	5.6	4.48	4	3.2
Red 红色	WLL 5T	5.00	4	10.00	7	5	3.5	2.5	7	5.6	5	4
Brown 棕色	WLL 6T	6.00	4.8	12.00	8.4	6	4.2	3	8.4	6.72	6	4.8
Blue 蓝色	WLL 8T	8.00	6.4	16.00	11.2	8	5.6	4	11.2	8.96	8	6.4
Orange 橙色	WLL 10T	10.00	8	20.00	14	10	7	5	14	11.2	10	8
Orange 橙色	WLL 12T	12.00	9.6	24.00	16.8	12	8.4	6	16.8	13.44	12	9.6
Orange 橙色	WLL 15T	15.00	12	30.00	21	15	10.5	7.5	21	16.8	15	12
Orange 橙色	WLL 20T	20.00	16	40.00	28	20	14	10	28	22.4	20	16
Orange 橙色	WLL 25T	25.00	20	50.00	35	25	17.5	12.5	35	28	25	20
Orange 橙色	WLL 30T	30.00	24	60.00	42	30	21	15	42	33.6	30	24
Orange 橙色	WLL 50T	50.00	40	100.00	70	50	35	25	70	56	50	40
Orange 橙色	WLL 60T	60.00	48	120.00	84	60	42	30	84	67.2	60	48

Round Slings Eye & Eye 吊眼型圆形吊带

Standard: EN1492-2:2008
Length:1m-80m
Load Scope:1T to 300T
High strength and weight ration,surface smooth,no damage

Safety factor:6:1 7:1 8:1

标准: EN1492-2:2008 (欧标)
长度: 1-80米
载重: 1吨-300吨
高强度质量比, 吊带表面光滑无损伤性
安全系数: 6倍、7倍、8倍



| Ratchet Tie Down Strap 捆绑带 |

RTD01



Size: 1" and 25mm Length: 4-12m
Load Capacity: 400kg(880LBS) / 500kg(1100LBS)
Breaking Strength: 800kg(1760LBS) / 1000kg(2200LBS)
Material: Polyester Colour: Any Colour
End Fitting: S hook / Double J Hook

规格: 1" 25mm 长度: 4-12米
工作负荷: 400kg(880磅)/500kg(1100磅)
破断: 800kg(1760磅) / 1000kg(2200磅)
材质: 涤纶 颜色: 任意 配件: S 钩/双J钩

RTD02



Size: 1.5" and 38mm Length: 4-12m
Load Capacity: 1500kg / 3300LBS
Breaking Strength: 3000kg / 6600LBS
Material: Polyester Colour: Any Colour
End Fitting: Double J Hook / J Hook

规格: 1.5" 38mm 长度: 4-12米
工作负荷: 1500kg(3300磅)
破断: 3000kg(6600磅)
材质: 涤纶 颜色: 任意 配件: 双J钩/J钩

RTD03



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

规格: 2" 50mm 长度: 4-12米
工作负荷: 2000kg/4400磅
破断: 4000kg/8800磅
材质: 涤纶
颜色: 任意颜色
配件: J钩/双J钩

RTD04



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

规格: 3" 75mm或4" 100mm 长度: 4-12米
工作负荷: 5000kg/11000磅
破断: 10000kg/22000磅
材质: 涤纶
主打颜色: 黄色、橘黄色
配件: 双J钩/板钩

Note: Standard: EN12195-2: 2001 标准: EN12195-2: 2001

| Ratchet Buckle 拉紧器 |



RB01

Size: 1" / 25mm
Breaking Strength(破断):
800kg/1760 LBS
Handle: Steel(铁柄)



RB02

Size: 1-1/16" / 28mm
Breaking Strength(破断):
1500kg/3300 LBS
Handle: Steel(铁柄)



RB03

Size: 1.5" / 35mm
Breaking Strength(破断):
2000kg/4400 LBS
Handle: Steel(铁柄)



RB04

Size: 1.5" / 35mm
Breaking Strength(破断):
3000kg/6600 LBS
Handle: Plastic(塑柄)



RB05

Size: 2" / 50mm
Breaking Strength(破断):
5000kg/11000 LBS
Handle: Plastic(塑柄)



RB06

Size: 2"
Breaking Strength(破断):
5000kg/11000LBS
Handle: Steel(铁柄)



RB07

Size: 2"
Breaking Strength(破断):
5000kg/11000LBS
Handle: Plastic(塑柄)



RB08

Size: 3" / 75mm
Breaking Strength(破断):
10000kg/22000 LBS
Handle: Aluminium(铝柄)

| Tow Strap / Winch Strap 拖车带 |



TSP01

Tow Strap With Hook



TSP02

Tow Strap With Flat Hook



TSP03

Tow Strap With Double J Hook

| End Fitting 配件 |

Double J Hook/J Hook 双J钩/J钩



JH01
Size: 2"
Breaking Load: 破断
1500kg/3300LBS



JH02
Size: 2"
Breaking Load: 破断
5000kg/11000LBS



JH03
Size: 1.5"
Breaking Load: 破断
3000kg/6600LBS



JH04
Size: 2"
Breaking Load: 破断
5000kg/11000LBS



JH05
Size: 2"
Breaking Load: 破断
5000kg/11000LBS

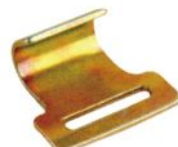


JH06
Size: 1.5"
Breaking Load: 破断
3000kg/6600LBS

Flat Hook 板钩



FH01
Size: 1"
Breaking Load: 破断
1600kg/3500LBS



FH02
Size: 1"
Breaking Load: 破断
3500kg/7700LBS



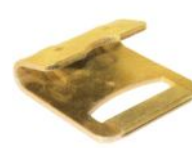
FH03
Size: 1"
Breaking Load: 破断
1600kg/3500LBS



FH04
Size: 2"
Breaking Load: 破断
4000kg/8800LBS



FH05
Size: 2"
Breaking Load: 破断
4500kg/9900LBS



FH06
Size: 4"
Breaking Load: 破断
7000kg/15400LBS

S Hook S钩



SH01
Size: 1" Dia.: 9mm
Breaking Load:
800kg/1760LBS



SH02
Size: 1" Dia.: 9mm
Breaking Load:
1500kg/3300LBS



SH03
Size: 1" Dia.: 9mm
Breaking Load:
800kg/1760LBS



SH04
Size: 1" Dia.: 11mm
Breaking Load:
1500kg/3300LBS



SH05
Size: 1" Dia.: 9mm
Breaking Load:
800kg/1760LBS



SH06
Size: 1"
Breaking Load:
1500kg/3300LBS

Hook series/Connect plate 扁钩系列



HS01
Size: 50mm
Breaking Load: 2700kg



HS02
Size: 45mm
Breaking Load: 2200kg



HS03
Width: 50mm
Breaking Load: 5000kg



CP01
Breaking Load: 3000kg

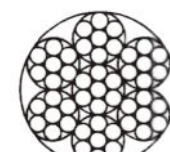


CP02
Breaking Load: 1100kg

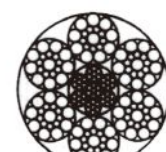


CP03
Breaking Load: 3000kg

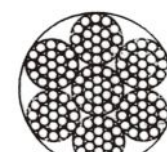
| Steel Wire Rope 钢丝绳 |



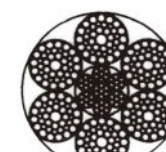
6x7+IWR



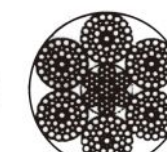
6x19S+IWR



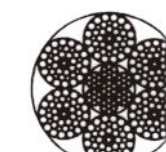
6x19W+IWR



6x41SW+IWR



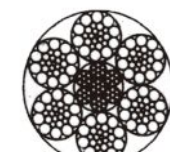
6x49SWS+IWR



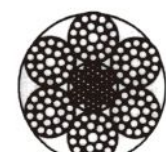
6x55SWS+IWR



6x25Fi+FC



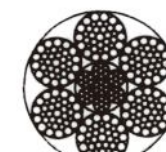
6x26SW+IWR



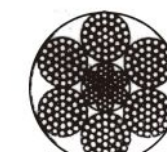
6x29Fi+IWR



8x19S+FC



6x36SW+IWR



6x37S+IWR



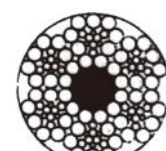
18x7+IWS



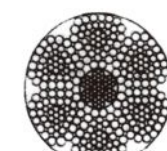
18x19W+FC



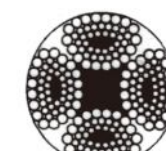
34x7+FC



6Vx18+FC



6Vx43+IWR



4Vx48S+5FC



1x7



8x25Fi+FC



8x36SW+FC

Steel Wire Rope Sleeve 钢丝绳套



Aluminum Sleeve
铝套



Copper Sleeve
铜套



Steel Sleeve
钢套

Steel Wire Rope Sling 钢丝绳索具



Steel Wire Rope With Socket 钢丝绳带浇铸头

Safety Protection Products

安全防护用品



86-5 Life Jacket
86-5救生衣

Working Vest
Material:
Outside: Terylene Oxford Textile
Inside: EPE Foam Polyethylene
Buoyancy: 7.5kg



93-3 Life Jacket
93-3救生衣

Working Vest
Material:
Outside: Terylene Oxford Textile
Inside: EPE Foam Polyethylene
Buoyancy: 7.5kg



Working Type Life Jacket
工作型救生衣



Working Type Life Jacket
工作型救生衣



Working Type Life Jacket
工作型救生衣



Working Type Life Jacket
工作型救生衣



Inflatable Life Jacket
充气型救生衣

600D Nylon Fabric
Single Air Chamber
ITW Buckle
Buoyancy: 150N



Inflatable Life Jacket
充气救生衣



Inflatable Life Jacket
充气救生衣



Adult Life Buoy 5555
成人型救生圈

Size: O.D.72cm X I.D.44cm X THK.10cm
Shell: Polythylene
Core Material: Polyurethane
Buoy: ≥14.5kg



Children Life Buoy
儿童型救生圈

Size: O.D.58cm X I.D.35cm X THK.9cm
Shell: Polythylene
Core Material: Polyurethane
Buoy: ≥8kg

Other Lifesaving Protection Series 其他救生防护用品



Life Jacket Light
救生衣灯



Life Buoy Light
救生圈灯



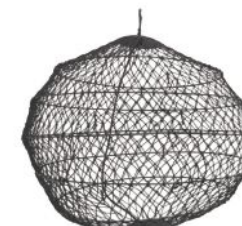
Solar Navigation Light
太阳能导航灯



Reflective Vest
反光信号服



Rubber Throw Ball
橡胶抛球



Signal Ball
信号球



Marine Bell
船用雾钟



Emergency Safety Shower
With Eyebath
紧急冲淋器带洗眼器



Protective Clothing
防护服



EC Breathing Apparatus
EC 呼吸器



Protective Goggles
护目镜



Gas Mask
防毒面具

Safety Protection Footware 安全防护鞋类



防砸 | STEEL TOE CAP



耐油 | OIL RESISTANT



电绝缘 | ELECTRIC INSULATION



防静电 | ANTI STATIC



防刺穿 | STEEL PLATE



防滑 | SLIP RESISTANT



耐酸碱 | CHEMICAL RESISTANT



耐高温 | HEAT RESISTANT



防水 | WATERPROOF



防寒 | ANTI-COLD

Safety PVC Boot PVC 安全雨靴

Note: Available Steel Toe, Steel Sole.



RM-PB01



RM-PB02



RM-PB03



RM-PB04

High Cut Safety Shoes 高帮防护靴

Note: Toe: Steel/Composite Sole: Steel/Kevlar + PU/Rubber



RM-HF01



RM-HF02



RM-HF03



RM-HF04

Middle Cut Safety Shoes 中帮防护靴

Note: Toe: Steel/Composite Sole: Steel/Kevlar + PU/Rubber



RM-MF01



RM-MF02



RM-MF03



RM-MF04

Low Cut Safety Shoes 低帮防护靴

Note: Toe: Steel/Composite Sole: Steel/Kevlar + PU/Rubber



RM-LF01



RM-LF02



RM-LF03



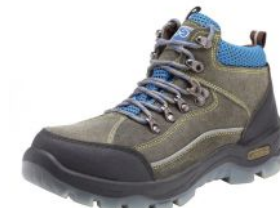
RM-LF04

Sport Type Safety Shoes 运动款安全鞋

Note: Toe: Steel/Composite Sole: Steel/Kevlar + PU/Rubber



RM-SP01



RM-SP02



RM-SP03



RM-SP04

Protection Gloves 防护手套

Note: Slip Resistant, Oil Resistant, Cut Resistant Size: S-XXL



RM-PG01



RM-PG02



RM-PG03



RM-PG04



RM-PG05



RM-PG06



RM-PG07



RM-PG08

KHR Type Both Sides of A Canopied Reversible Inflatable Liferafts
KHR型带顶篷两面可用气胀救生筏



Type	KHR-6	KHR-10	KHR-25	KHR-30	KHR-50	KHR-65	KHR-100
Capacity	6 Person	10 Person	25 Person	30 Person	50 Person	65 Person	100 Person
WP pressure,kPa	16				20		
Specification of cylinder	7 x 1	7 x 1	9 x 2	9 x 2	9 x 4	10 x 4	18 x 4
Gas volume, g	Co2, ± 050	4250	4250	5400	5600	5600	6200
	N2, ± 020	400	400	400	400	400	1000
Container	Dia. (mm)	670	670	730	770	805	805
	Length(mm)	1135	1135	1495	1495	1895	1895



KHA type throw-over board inflatable liferafts for fishing vessels
KHA型抛投式气胀救生筏



KHD type davit-launched inflatable liferafts for fishing vessels
KHD型可吊式气胀救生筏



KHZ type automatically self-righting inflatable liferafts for fishing vessels
KHZ型自扶式气胀救生筏



KHZD type automatically self-righting davit-launched inflatable liferafts
KHZD型自扶正可吊式气胀救生筏

Lifesaving Buoyant 救生浮



Type	RMLB-08	RMLB-12	RMLB-16
Capacity	8 Person	12 Person	16 Person
Size(mm)	1500x1060x270	1700x1060x270	2000x1200x270
Buoyancy	116kg	174kg	232kg
Core Material	Polystyrene closed-cell foam		

Assault Boat 冲锋艇



Type	RMAB-02	RMAB-04	RMAB-06	RMAB-08	RMAB-10	RMAB-12	RMAB-14	RMAB-16
Capacity	2 Person	4 Person	6 Person	8 Person	10 Person	12 Person	14 Person	16 Person
Size(cm)	220x123	300x158	390x175	430x175	480x190	550x210	620x210	700x230
Chamber	2	3+1	4+1	4+1	5+1	6+1	6+1	6+1
Shipboard Dia.(cm)	35	43	45	45	50	55	55	60
Max Power(hp)	6	15	25	30	40	50	60	60
Max Loading(kg)	200	500	720	900	1100	1300	1500	1800



Lifeboat 救生艇

Open frp lifeboat 开敞式玻璃钢救生艇



Open FRP Lifeboat an economical series and can meet needs of common life saving, and is thus applicable for waterway vessels and offshore vessels, according to the latest regulations of SOLAS and international standards. The following models and types are available.

开敞式玻璃钢救生艇是比较经济的系列,可满足一般救生用途的需要,较适合近海及内河航行的客货轮使用,按照SOLAS最新规范和国际标准设计制造。以下几种型号、机型可供选择:

Type 型号	Main dimensions 主尺度 m	Passenger 乘员 p	Moun to hook be apart from 吊钩间距 m	Host/Power 主机功率	Weight 重量 kg
BJ-5.5M	5.50 × 1.90 × 0.85	17	4.50	ZS1100C/11KW	2420
BJ-5.5M	5.50 × 1.90 × 0.85	17	4.50	ZX2105J-1/18.6KW	2650
BJ-6.5M	6.50 × 2.10 × 0.93	25	5.50	ZS1100C/11KW	3275
BJ-6.5M	6.50 × 2.10 × 0.93	25	5.50	ZX2105J-1/18.6KW	3405
BJ-7.5M	7.50 × 2.50 × 1.05	43	6.50	ZX2105J-1/18.6KW	5050

Note: ZS1100C main unit is certified with ZS; ZX2015J series is certified with CCS.
注: ZS1100C主机为ZC证书; ZX2105J-1为CCS证书

Totally enclosed frp(fiber reinforced plastic) lifeboat and rescue boat 玻璃钢全封闭救生兼救助艇



Totally enclosed FRP Lifeboat and rescue boat according to the latest regulations of SOLAS and rules of international life saving equipments(LSA), Revision bill of MSC.218(82), MSC.272(85) and resolutions of MSC.81(70), Revision bill of MSC.226(82), MSC.274(85) to build, is applied in wretched sea conditions, for example, ocean-going freighter and liner and oil tank etc., and F type totally enclosed FRP lifeboat has higher fire resistant characteristics with combination function of lifesaving and rescue.

玻璃钢全封闭救生兼救助艇按照SOLAS最新规范及国际救生设备规则(LSA)、MSC.218(82)、MSC.272(85)修正案和MSC.81(70)决议、MSC.226(82)、MSC.274(85)修正案的要求制造,适合在较恶劣海况下使用,如远洋客货轮及油轮等,其中F型有较高耐燃特性,并具备救生、救助兼用功能。

Type 型号	Main dimensions 主尺度 m	Passenger 乘员 p	Moun to hook be apart from 吊钩间距 m	Host/Power 主机功率	Weight 重量 kg
BCC-5.0M	5.00 × 2.20 × 1.10	25	4.60	380J-3/20.6KW	4173
BCF-5.0M	5.00 × 2.20 × 1.10	25	4.60		4468
BCC-5.7M	5.70 × 2.32 × 1.15	30	5.30		4748
BCF-5.7M	5.70 × 2.32 × 1.15	30	5.30		5086
BCC-6.5M	6.50 × 2.32 × 1.15	36	6.10		5791
BCF-6.5M	6.50 × 2.32 × 1.15	36	6.10		6136
BCC-8.0M	8.00 × 2.86 × 1.15	70	6.60		9190
BCF-8.0M	8.00 × 2.86 × 1.15	70	6.60		9470
BCC-8.5M	8.50 × 3.15 × 1.20	80	8.10		11103
BCF-8.5M	8.50 × 3.15 × 1.20	80	8.10		11453
BCC-10.3M	10.30 × 3.50 × 1.30	120	9.70	485J-3/30KW	14980
BCF-10.3M	10.30 × 3.50 × 1.30	120	9.70		15400

Note: BCC is common closed boat. BCF is flame retardant closed boat.
注: BCC为普通型封闭艇; BCF为耐火型封闭艇。

Imported SABB(21.6KW), BUKH(21.3KW) and YANMAR(22.1KW) engines are available.
另可供选择: SABB(21.6KW)、BUKH(21.3KW)、YANMAR(22.1KW)三种进口发动机。



Frp(fiber reinforced plastic)rescue boat
玻璃钢救助艇



High speed rescue boat
高速救助艇



Free fall lifeboat
自由降落式救生艇

Water Sports Series

水上运动系列



Snorkeling Mask
浮潜面镜



Vest/BCD
浮力调整装置



Fins
脚蹼



Wet/Dry Diving Suit
湿式/干式潜水衣



Mask
面镜



Gloves
手套



Boots
防滑鞋

Dive Equipments 潜水装备



Sports Life Jacket 运动型救生衣



RM-NP01



RM-NP02



RM-SJ01



RM-SJ02



RM-SJ03



RM-SJ04



RM-SJ05



RM-FH01

Note: NP-Neoprene Rubber

Swimming Pool Lane Line 泳池泳道线



Size: Dia.120MM/Dia.150MM, 8pcs Per Meter
Length: 25M/50M per length

Water Platform 水上浮台



Size(mm):500 x 500 x 400
Material: HDPE
Buoyancy: Max350kg
Accessories: Stainless Steel Ladder

Fender & Float 浮球



F Type/A Type
Material: PVC+UV

Water Recreation Facilities 水上娱乐设施



Marine Auxiliary Machinery 船用辅助机械



2CY KCB Series Gear Pump
2CY KCB型齿轮泵



CWZ Series Marine Horizontal
Self-Priming Centrifugal Pump
CWZ型船用卧式自吸离心泵



G Series Single Screw Pump
G型单螺杆泵



ZW Series Priming Dredge Pump
ZW型自吸式排污泵



IS Series Single-Stage & Single-Suction
Clean Water Centrifugal Pump
IS型单级单吸清水离心泵



XBD-L Series Single-Stage & Single-
Suction General Service & Fire Pump
XBD-L型立式单级单吸消防泵



Diesel Engine
柴油机



Hydraulic Pump Station
液压泵站



Oil-Water Separator
油水分离器



Gear Box
齿轮箱



Explosion Proof Motor
防爆电机



Outboard Engine
舷外机