

系泊设备

Mooring Equipment

上海中升科贸有限公司

Cargo Securing Systems Centre

安全 方便 快捷

SAFE·CONVENIENT·QUICKNESS



公司简介

上海中升科贸有限公司成立于1998年，专业从事于船舶舱装设备设计和销售。公司秉承“精心设计，精诚服务，国际水平，顾客至上”的方针为客户提供优质的产品和服务。作为国内首家专业绑扎件公司——昆山吉海实业公司的唯一销售代理，公司立足于船用系固产品，致力于船舶货物系固系统和货物系固产品设计等方面的研究，在集装箱船、木材船和滚装船等船型货物系固方面有多年的设计经验，在2012年设计完成集装箱外绑扎系统，并为APL10700TEU专用集装箱船配备了全套系固产品，成功跨入了可以完成超大型专用集装箱船货物系固系统设计的行列；在2014年，公司又在大型滚装船系固系统上进一步突破，完成了8000PCTC车辆系固系统和系固产品的设计。

全面的技术服务

公司拥有专业的设计团队，并与国内多个科研机构合作，遵循安全、方便、快捷的原则为用户提供货物系固系统设计、产品设计以及其他技术咨询服务。包括集装箱船钢结构(导轨，支柱和绑扎桥等)设计，舱装设备结构分析和强度计算，特殊绑扎产品设计等。

卓越的品质保证

公司有完善BV认证的ISO9001质量管理体系BV认证、齐全的检测设备、专业的产品设计和制造基地。产品能提供各个船级社的证书。国际化贸易平台。公司具有丰富的信息和业务渠道，拥有大量的货源，可以满足国内外客户的采购需求，提供全球化的贸易服务。

INTRODUCTION

Cargo Securing Systems Centre, established in 1998, is specialized in the design and sales of ship outfitting equipment. In a policy of "Careful Design, Sincere Service, International Level and Customer First", we provide high-quality products and services for the customers. As the exclusive distributor of Kunshan Luckyssea Industrial Co., Ltd. – China's first professional lashing company, we have been based on ship securing products and are committed to the research of ship cargo systems design and cargo securing product design. So far, we have accumulated many years of experience in the design of cargo securing products for container ships, timber ships, Ro-Ro ship and other types of ships. In 2012, we completed the design of external lashing system, supplied full sets of securing products for APL10700TEU special container ships, and successfully edged into the rank that can complete the design of super-large container ship cargo securing systems independently. And later in 2014, we made further breakthrough in large Ro-Ro ship securing system and completed the design of 8000PCTC vehicle securing systems and products.†

Comprehensive Technical Service:

We have a professional design team, cooperating with many scientific research institutions in China, and provide users with cargo securing system design, product design and other technical consulting services in a principle of safe, convenient and professional. Design services we provide include container ship steel structure (guide rail, strut and lashing bridge) design, outfitting equipment structure analysis and strength calculation, and special lashing product design.

Excellent Quality Assurance:

We have ISO9001 Quality Management approvals from BV, complete inspection devices, and a professional product design and manufacturing base. Our products can be provided with certificates of various classification societies. An international horizon, abundant information and business channels, as well as sufficient source of goods enable us to fully meet the domestic and foreign customers' purchasing demands and to provide global trade services.



Panama chock (TYPE AC)

GB11586-89 (JIS F 2017-82)



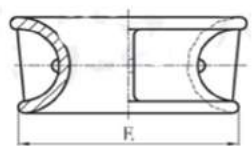
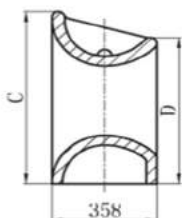
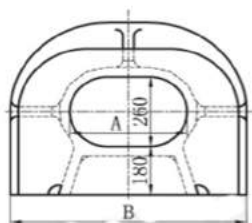
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253	310	310	708	639	541	652
289	360	360	760	640	542	704
323	400	400	804	642	545	750
351	450	450	856	643	547	802
395	500	500	908	644	549	854

Panama chock (TYPE BC)

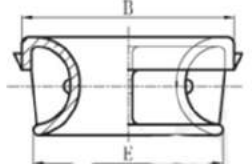
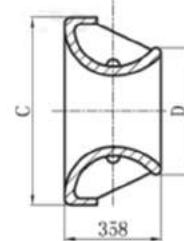
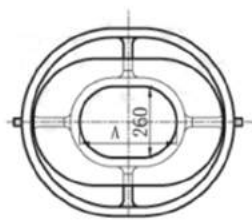
GB11586-89 (JIS F 2017-82)



Weight	Type	A	B	C	D	E
276	310	310	734	684	462	652
305	360	360	788	688	464	704
344	400	400	832	692	470	750
385	450	450	886	696	474	802
422	500	500	940	700	478	854



TYPE-AC



TYPE-BC

Closed chock

JIS F 2005-75



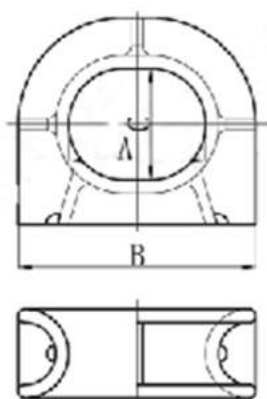
Weight	Type	A	B	C	D	E
3.7	100	100	170	76	141	60
10.5	150	150	250	110	205	90
24	200	200	340	150	280	120
48	250	250	434	200	372	160
83	300	300	528	250	464	200
103	350	350	600	250	485	220
136	400	400	672	250	506	240
184	450	450	746	250	528	260
232	500	500	820	250	550	280

Mooring chock

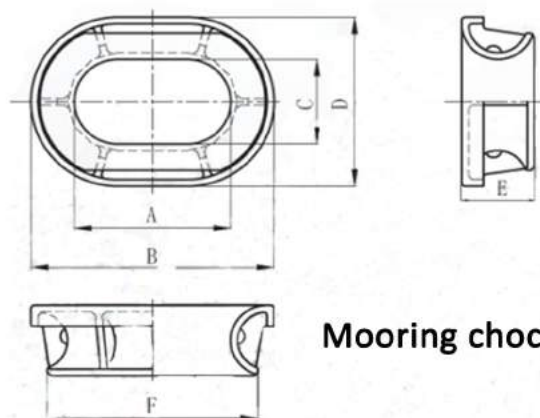
JIS F 2007 - 76



Weight	Type	A	B	C	D	E
15.1	150	150	300	110	260	129
20.5	200	200	368	150	318	143
26.9	250	250	430	200	380	155
42.7	300	300	500	250	450	169
50.8	350	350	560	250	460	179
76.3	400	400	632	250	482	195
102	450	450	700	250	500	209
115	500	500	760	250	510	219

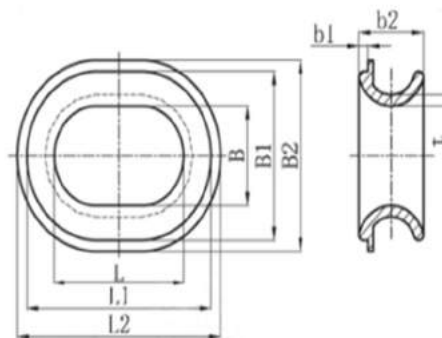


Closed chock



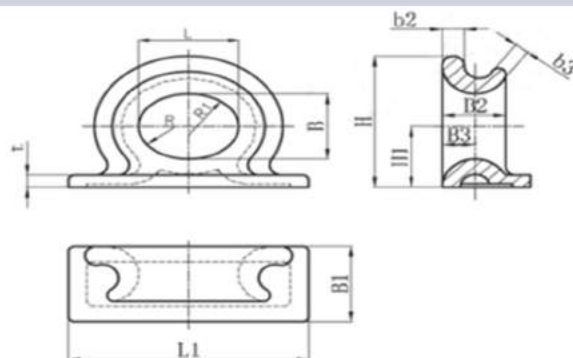
Mooring chock

Chock (TYPE A)

CB34 - 76


Max.steel wire dia.	Hemp rope C.	Max.nylo wire dia.	L	L1	L2	B	B1	B2	t	b1	b2	Weight kg
18.5	160	35	200	300	340	130	230	270	18	18	110	16.4
22.5	200	45	260	400	450	170	310	360	22	25	160	40.4
28	230	55	320	465	515	200	345	395	25	28	175	57
33.5	270	70	400	572	632	260	430	490	30	32	200	95.6
43.5	325	90	480	685	755	310	525	595	35	35	240	171

Chock (TYPE C)

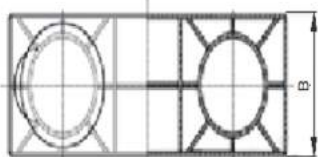
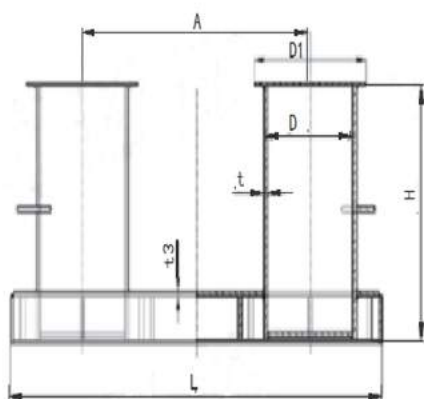
CB34 - 76


Max.steel wire dia.	Hemp rope C.	Max.nylo wire dia.	L	L1	B	B1	B2	B3	H	H1	R	R1	b2	b3	t	Weight kg
15	125	30	150	400	110	170	118	60	250	115	48	102	40	26	25	37.5
18.5	160	35	200	500	150	190	139	71	317	146	65	133	50	32	30	63
22.5	200	45	250	600	190	220	161	82	382	177	85	165	55	36	35	97
28	230	55	300	650	220	250	172	88	436	198	95	203	60	42	40	127
38.5	270	70	400	750	290	280	185	95	513	240	125	273	65	47	45	210
43.5	325	90	500	880	350	300	199	102	589	277	147	350	70	51	50	296

Bollard (TYPE A)

CB/T 554-96

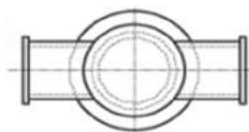
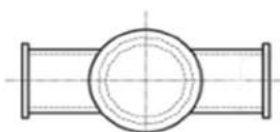
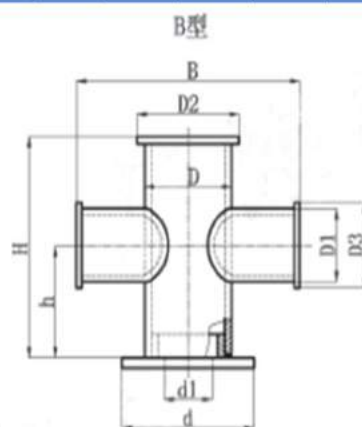
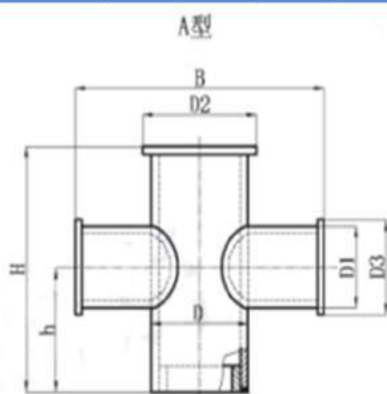
Nominal dia.	D	D1	t	A	B	L	H	t3	Weight kg
100	114	145	10	250	165	445	196	6	19
125	140	180	10	315	195	540	246	6	29
160	168	210	10	400	225	670	316	6	45
200	219	270	10	500	290	860	378	8	80
250	273	335	11	630	360	1065	470	10	141
315	325	390	15	800	430	1300	597	12	264
355	351	420	17	890	480	1475	663	13	358
400	402	480	18	1000	550	1630	749	14	499
450	450	545	19	1130	620	1840	841	16	680
500	508	610	20	1250	690	2040	928	18	911
560	560	670	22	1380	750	2240	1025	20	1208
630	610	730	24	1570	820	2510	1152	22	1601
710	712	840	25	1750	960	2840	1294	24	2252
800	813	940	26	2000	1100	3240	1480	25	3071



Ship Crossing Bollard

GB/T 10106-88

Nominal dia.	Suitable cable MBL(KN)	Suitable cable max.dia			H	B	h	D	D1	D2	D3	d	Weight kg	
		Steel wire	Synth Fiber	Hemp rope										
150	117(12)	13	30	44	480	460	280	168	114	206	158	240	A	31
													B	33
200	225(26)	19.5	45	64	560	520	320	219	168	260	210	280	A	62
													B	66
250	382(39)	26	56	80	640	610	360	273	219	310	260	340	A	98
													B	105
300	549(56)	30	70	104	680	660	380	325	273	360	310	400	A	143
													B	153
350	686(70)	34.5	77	120	720	720	420	351	273	400	314	440	A	192
													B	204



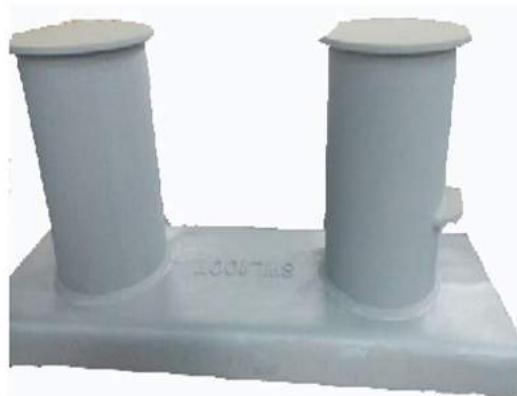
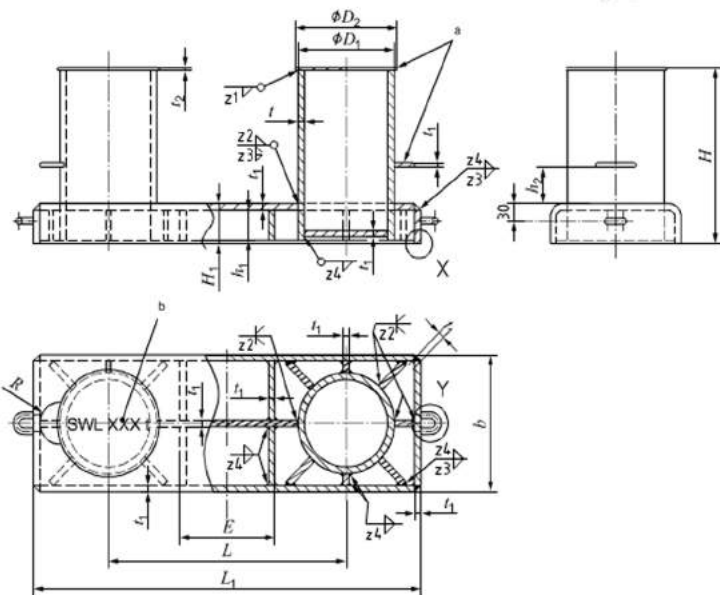
A型

B型

Bollards (TYPE A&B)

ISO13795-2012

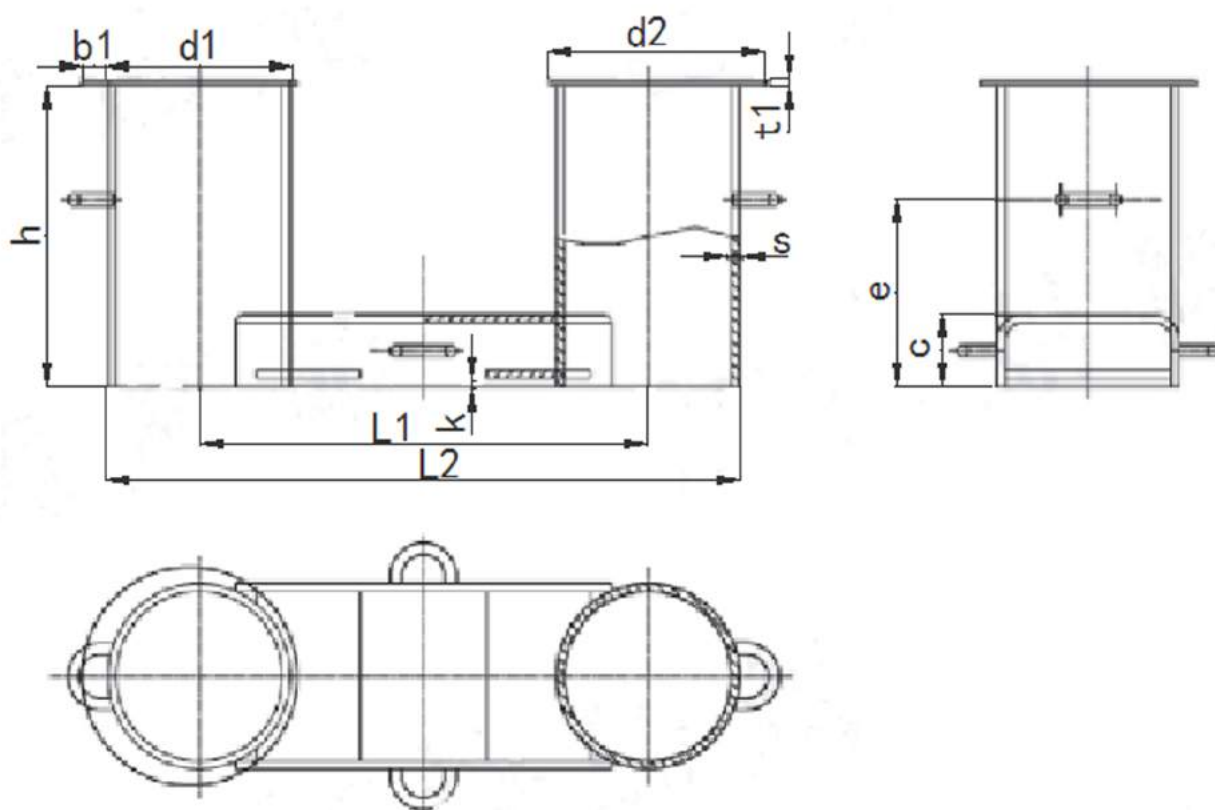
Nominal dia.	D1	D2	H1	H2	b	L	L1	t	t1	t2	R	SWL		Calculated weight(kg)
												one rope use		
150	165.2	185	320	80	225	400	670	8	8	6	40	54KN	5.5t	45
200	216.3	240	365	85	290	500	860	8	8	6	50	82KN	8.4t	68
250A	267.4	290	470	100	360	630	1065	12	11	8	60	156K	16t	150
250B	267.4	290	470	100	360	630	1065	10	8	7	60	127K	13t	119
300A	318.5	340	575	125	430	800	1300	22	20	9	70	332K	34t	383
300B	318.5	340	575	125	430	800	1300	12	9	9	70	186K	19t	203
350A	355.6	380	655	145	480	890	1475	26	24	11	80	443K	45t	582
350B	355.6	380	655	145	480	890	1475	14	13	9	80	244K	25t	333
400A	406.4	430	705	160	550	1000	1630	28	26	13	85	594K	61t	793
400B	406.4	430	705	160	550	1000	1630	15	14	11	85	326K	33t	441
450A	457.2	480	745	170	620	1100	1810	29	26	14	90	753K	77t	979
450B	457.2	480	745	170	620	1100	1810	15	13	11	90	382K	39t	517
500A	508	530	790	190	690	1250	2040	32	29	16	100	992K	101t	1321
500B	508	530	790	190	690	1250	2040	15	13	11	100	457K	47t	361
550A	558.8	580	840	210	750	1380	2240	31	28	16	110	1131K	115t	1530
550B	558.8	580	840	210	750	1380	2240	21	19	11	110	781K	80t	1059
600	609.4	630	875	225	820	1550	2490	33	28	16	120	1401K	142t	1850



Bollard

NS 2584

Nomin dia.	a1	a2	b1	c	d2	e	h	k	l1	l2	t1	Weight (kg)
125	4	5	20	80	170	165	250	15	315	455	6	25.9
160	4	5	24	90	200	195	300	15	400	568	6	37.2
200	5	6	32	100	260	250	400	15	500	719	6	75.2
250	5	6	40	125	330	315	500	15	630	903	10	124
315	6	8	48	150	390	375	600	20	800	1124	10	230
400	8	9	56	175	480	435	700	20	1000	1406	10	356
500	10	9	72	200	600	515	830	25	1250	1758	12	723
630	10	9	88	225	720	615	1000	25	1570	2180	16	1084
710	10	9	96	250	830	675	1100	25	1750	2461	16	1532



羊角单滚轮导缆器

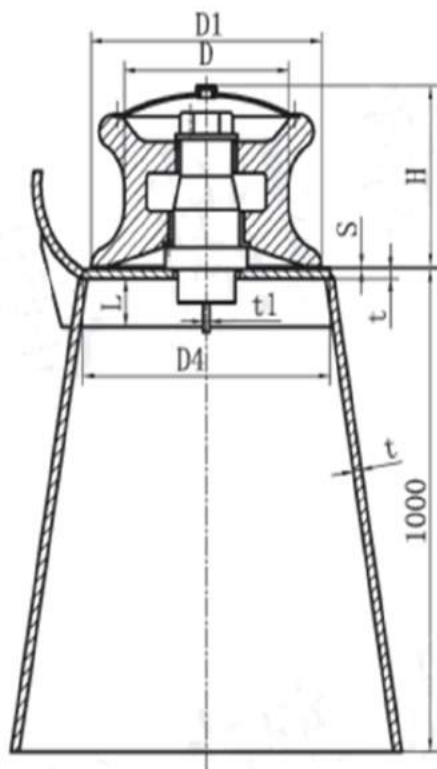
Single roller with socket

Single roller with socket (TYPE A)

CB/T436-2000

Dia.of roller D	Appropriate cable dia.				Size								weight (kg)	
	* steel wire		Hemp rope	synthet fiber	D1	D4	H	H1	L	S	t	t1	Guide roller	Stand
	6x24	6x37												
100	11	11	40	28	160	176	128	35	60	3	8	6	9.9	63.9
150	16~18	14~16	45	32	240	264	211	40	75	3	12	8	33.8	129
200	22	20	55	40	310	338	251	50	85	3	14	10	68	178
250	24	24	65	45	380	408	298	60	100	4	14	10	114	207
300	30	28	70	50	440	472	321	60	100	4	16	14	168	265.4
350	38	34	75	55	500	536	346	65	100	4	18	14	248	332
400	40~42	38~40	85	65	560	600	371	70	100	5	20	16	355	401.3
450	44	42~44	-	80	620	660	394	90	120	5	20	16	452	445.4

Note : * (GB/T 8918) steel wire strength 1570Mpa. The weight of stand is calculated when stand's height is 1000mm.



羊角单滚轮导缆器

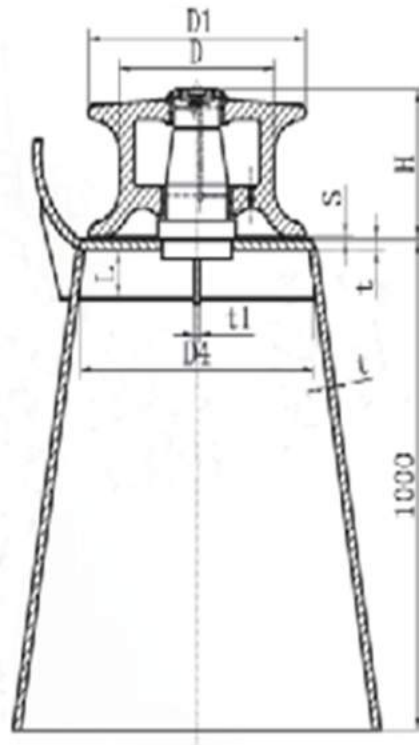
Single roller with socket

Single roller with socket (TYPE B)

CB/T436-2000

Dia.of roller D	Appropriate cable dia.				Size								weight (kg)	
	* steel wire		Hemp	synthet	D1	D4	H	H1	L	S	t	t1	Guide roller	Stand
	6x24	6x37	rope	fiber										
150	16~18	14~16	45	32	240	264	154	30	75	5	12	8	24.8	129
200	22	20	55	40	310	338	186	30	85	5	14	10	49.3	178
250	24	24	65	45	380	408	230	35	100	6	14	10	92	207
300	30	28	70	50	440	472	255	35	100	7	16	12	127	265
350	38	34	75	55	500	536	271	35	100	7	18	14	168	332
400	40~42	38~40	85	65	560	600	307	40	100	7	20	16	252.5	401.3
450	44	42~44	-	80	630	670	316	40	120	7	20	16	310	452

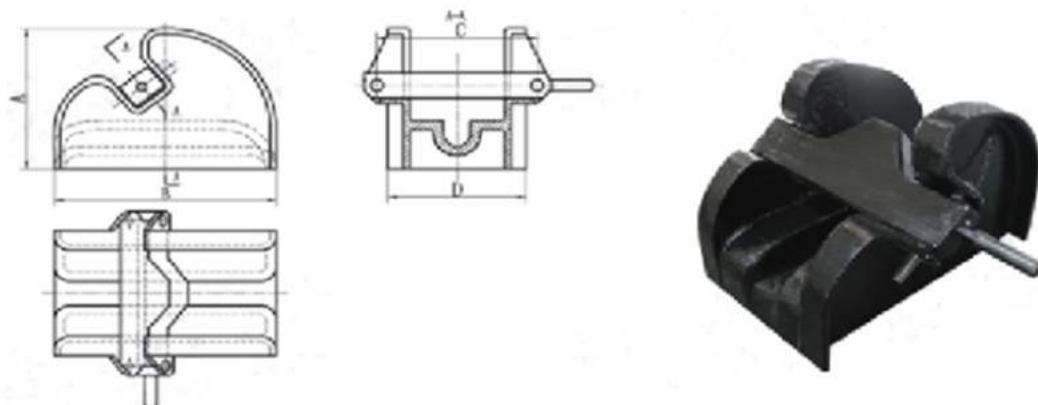
Note : * (GB/T 8918) steel wire strength 1570Mpa. The weight of stand is calculated when stand's height is 1000mm.



Japanese standard casting bar type chain stopper

JIS F 2015-8

Nominal dia.	40	44	48	52	56	60	64	68	73	78
suitable chain	38~40	42~44	46~48	50~52	54~56	58~60	62~64	66~68	70~73	76~78
A	378	412	450	491	528	564	600	635	675	715
B	540	590	640	695	745	795	850	900	960	1020
C	390	424	460	494	530	564	600	636	678	720
D	336	366	397	428	457	488	517	547	582	617
Weight (kg)	111	139	176	216	261	319	396	482	608	739



Casting bar type chain stopper

CB286-64

chain stopper dia.	12.5	16~	19~	22~	26~	30~	34~	38~	42~	46~	50~	54~	58~	62~	66~
Anchor chain dia.	14	17.5	20.5	24	28	32	36	40	44	48	52	56	60	64	68
B	142	170	193	219	241	274	304	336	366	397	428	457	488	517	547
H	162	190	216	241	270	305	342	378	412	450	491	528	564	600	635
L	235	270	310	345	385	435	490	540	590	640	695	745	795	850	900
Weight (kg)	22	29	36	45.5	58	74	92	115	145	183	225	271	352.5	424	509

