



Complete TECH DS Industry Co., Ltd.

Brief Introduction

Complete Tech Industry specializes in providing oilfield equipments and Industry products for more than 20 years. During these years, We are focusing on R & D, innovation, production and supply metal and plastic parts as well as mould design, mould production.

1. Downhole drilling tools, Sucker rod, Rod Pump, fishing tools and other related products for Oilfield industries.

2. Castings, forgings, stampings and machining fabrications for the truck/automobile, rail, mining and heavy equipment, marine, offshore industries.

We have rich experienced sales and engineers to provide full-range services from the very beginning to the life time of our products.

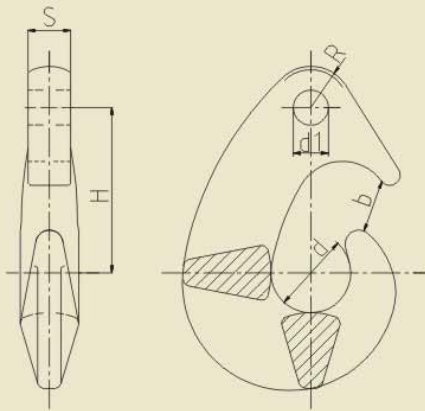
Complete Tech Industry manufacture and supply deck equipment for 20 years. If you have any thing interested or have an idea to delopment, Welcome to send us inquiry.

Affilicate: Xi' An Aikeman Marine and Service Co., Ltd.

Ship's Cargo Hook

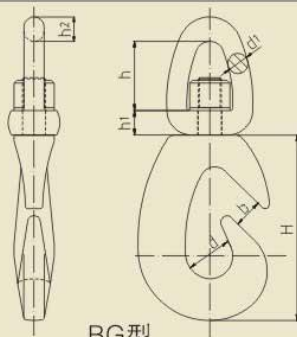
船用吊货钩(GB1949-80)

SHIP'S CARGO HOOK



AG型

SWL (t)	b	d	d1	H	H1	R	S
	mm						
1	33	56	20	132	70	25	22
2	40	70	29	156	80	34	27
3	43	76	35	170	88	40	33
5	48	86	42	195	100	48	38
10	66	110	56	265	130	80	65
15	80	130	65	290	135	92	72
20	90	140	72	315	140	100	82
25	100	150	85	340	150	110	90

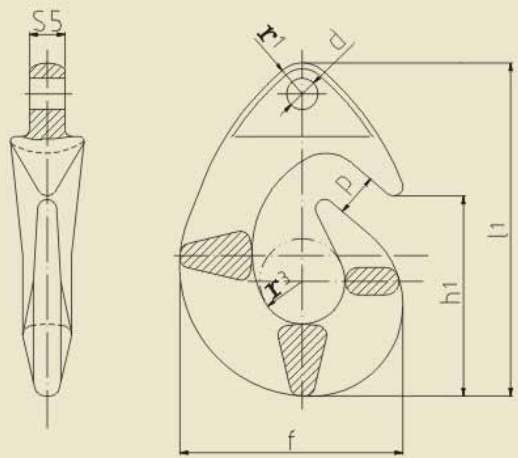


BG型

SWL (t)	b	H	H1	h	h1	d	S	d5	h2
	mm								
1	33	194	70	75	20	56	36	13	16
2	40	233	80	96	25	70	45	18	23
3	43	258	88	115	30	76	54	22	28
5	48	298	100	135	38	86	60	26	34
10	66	425	130	180	54	110	88	36	45

Hook

德式吊钩 (DIN82017) DIN HOOK

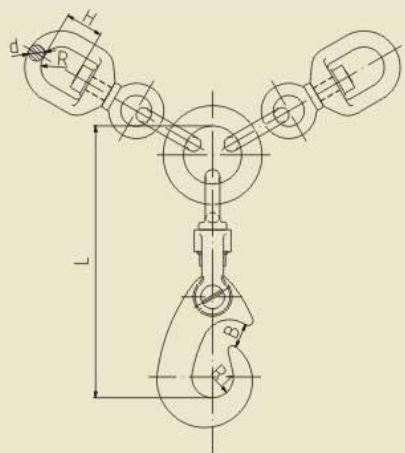


钩号 HOOK NO	d	r1	r3	P	f	h1	l1	S5	
	mm							A	B
1	17.5	18	25	25	134	117	192	19	16
2	24	25	32	32	170	150	251	27	22
3	30	30	40	40	214	188	310	35	28
5	39	38	50	50	268	234	387	44	35
6	42	43	56	56	300	262	432	50	40
8	48	48	63	63	338	295	487	56	45
10	52	55	70	70	376	328	548	61	50
12	56	60	80	80	425	375	627	68	55
16	64	65	90	90	470	422	702	75	60
20	74	70	100	100	540	470	772	84	65

Seattle Pattern Cargo Hook

双转环吊货钩

SEATTLE PATTERN CARGO HOOK

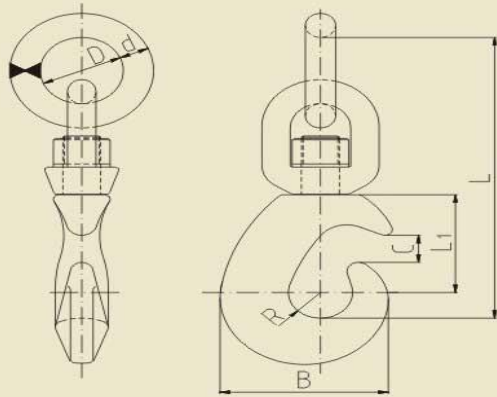


规格 Type	安全工作负荷 SWL(t)	R	R1	d	H	B	L
		mm					
23-12-11	3	35	34	26	63	47	480
23-12-12	5	40	42	33	78	50	560
23-12-13	10	60	50	40	95	75	770

JIS Cargo Hook

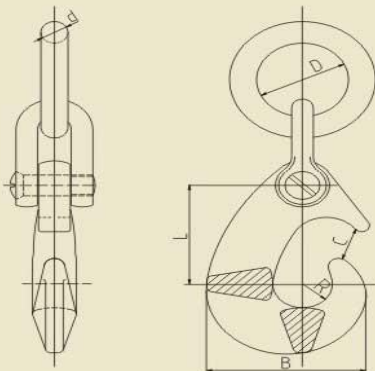
日式吊货钩(JIS F2105)

JIS F CARGO HOOK



A型

SWL (t)	d	B	C	R	L	L1	L2
	mm						
1	22	132	38	25	341	120	127
2	25	162	44	30	409	147	151
3	32	180	47	35	464	173	168
5	42	205	50	40	529	210	180
10	55	307	75	60	712	285	250
15	60	352	80	65	846	333	300
20	70	393	90	70	982	410	350
25	80	450	100	80	1076	430	380
30	80	500	110	90	1161	445	425

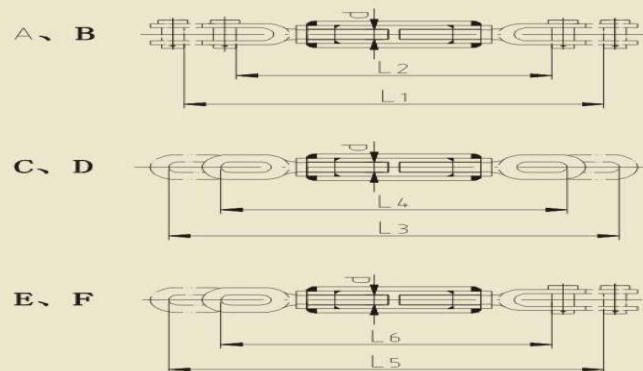


B型

SWL (t)	d	B	C	R	L	D
	mm					
1	22	132	38	25	157	75
2	25	162	44	30	174	85
3	32	180	47	35	187	95
5	42	205	50	40	200	120

Tye-Open Turnbuckle for ship

船用开式索具螺旋扣 (GB561-65)
TYPE-OPEN TURNBUCKLE FOR SHIP



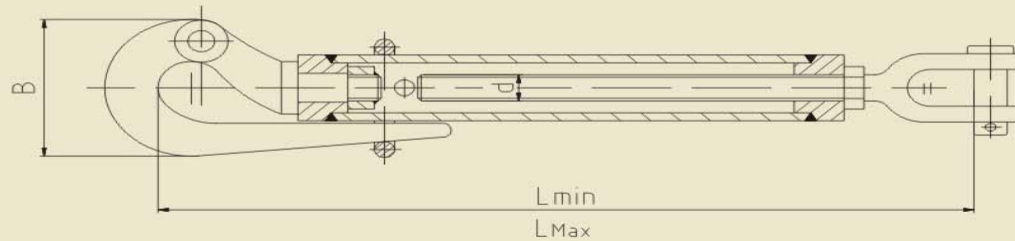
单位Unit: mm

型 号 Type		许用负荷 S.W.L kN	最大钢索直径 Wire Rope Dia.	d	L1	L2	L3	L4	L5	L6
A、C、E 模锻 Mould Forged	B、D、F 焊接 Welding									
0.1		1	3.3	M6	230	155	244	169	237	162
0.2		2.5	4.8	M8	324	212	344	232	334	222
0.4		4	6.6	M10	341	229	365	253	353	241
0.6		6	8.5	M12	421	281	449	309	435	295
0.9		9	9.5	M14	434	294	466	326	450	310
1.2		12.5	11.0	M16	524	356	558	390	541	373
1.7		17.5	13.0	M18	542	374	582	414	562	394
2.1	2.1	21	15.5	M20	603	418	653	468	628	443
2.7	2.7	27	17.5	M22	629	444	681	496	655	470
3.5	3.5	35	19.5	M24	719	507	787	575	753	541
4.5	4.5	45	22.5	M27	757	545	821	609	789	577
6.0	6.0	60	26.0	M33	881	633	949	701	915	667
	7.5	75	28.5	M36	900	652	976	728	938	690
	9.5	95	31.0	M39	987	722	1083	818	1035	770
	11.0	110	35.0	M45	1027	762	1120	856	1074	809
	14.0	140	39.0	M48	1133	843	1231	941	1182	892
	17.5	175	43.5	M56	1159	869	1261	971	1210	920
	21.0	210	48.5	M60	1247	939	1391	1083	1319	1011

Unlocked and Rigging Turnbuckle for Ship

船用脱钩螺旋扣 (GB3474-83)

UNLOCKED AND RIGGING TURNBUCKLE FOR SHIP

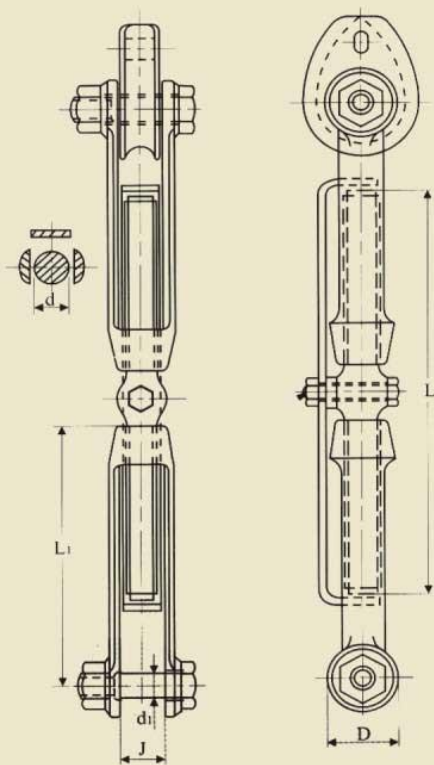


单位Unit: mm

型 号 Type	许用负荷 S.W.L (TON)	最大钢索直径 Wire Rope Dia.	d	B	L _{Max}	L _{min}
0.1	0.1	2.7	M6	40	300	210
0.2	0.2	3.5	M8	46	325	225
0.3	0.3	4.9	M10	52	355	245
0.5	0.5	6.5	M12	62	420	300
0.8	0.8	8.4	M14	70	465	335
1.0	1.0	9.4	M16	80	495	355
1.2	1.2	10.5	M18	100	540	390
1.6	1.6	12	M20	100	580	420
2.0	2.0	14	M22	110	600	430
2.5	2.5	15.5	M24	110	650	470
3.2	3.2	17.5	M27	120	700	510
4.0	4.0	19.5	M30	130	740	540
5.0	5.0	21.5	M36	142	780	570

Rigging Screw

螺旋扣(JIS F3403)
RIGGING SCREW

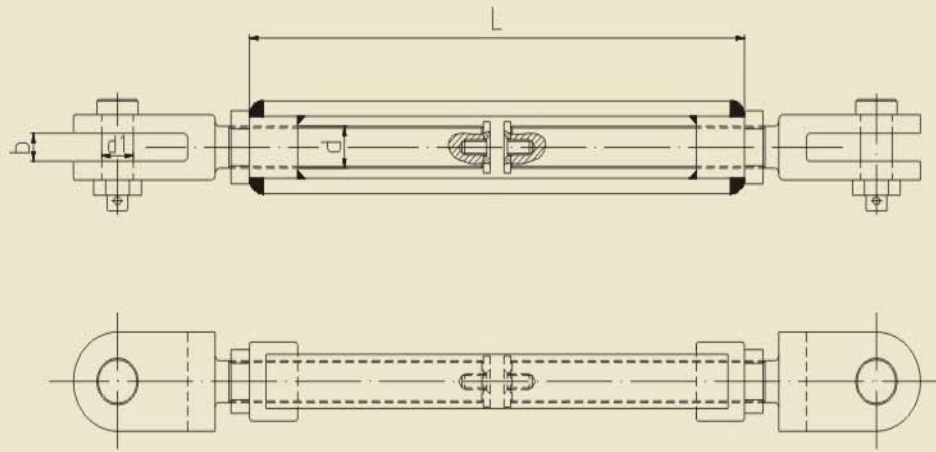


规格 Size	适用钢索直径 Wire Rope Dia.	安全工作负荷 S.W.L kN	螺纹直径 Screw Dia.
14	14	20.6	M24
16	16	25.5	M27
18	18	32.4	M30
22	20~22.4	50.0	M33
24	24	57.9	M39
25	25	67.7	M42
30	28~30	90.2	M48
32	32	103.0	M48
34	34	112.8	M52
36	36	127.5	M56
38	38	142.2	M60
40	40	161.8	M64
42	42.5	181.4	M68
45	45	206	M68
48	47.5	226	M76 × 6
50	50	250.1	M76 × 6

Turbuckle for Anchor Stopper

掣锚螺旋扣

TURNBUCKLE FOR ANCHOR STOPPER

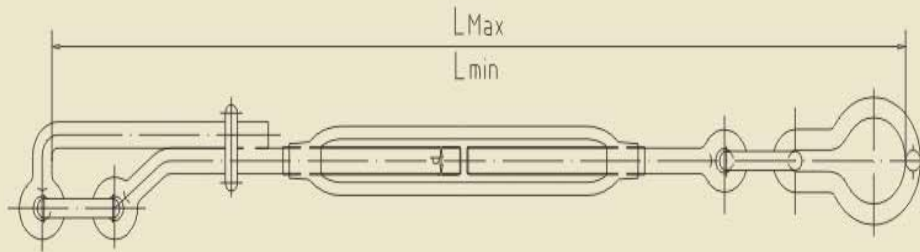


规格 Type	d	L	b	d1
	mm			
2.0	M16	230	12	13
5.0	M24	300	16	20
6.0	M27	360	18	23
8.0	M30	400	20	26
10.0	M33	430	22	29
12.5	M36	450	28	32
16.5	M42	470	30	36
21.5	M48	510	34	42
26	M52	530	36	47
31.0	M56	570	39	51

Lashing Turnbuckles

木材捆扎花兰

LASHING TURNBUCKLES

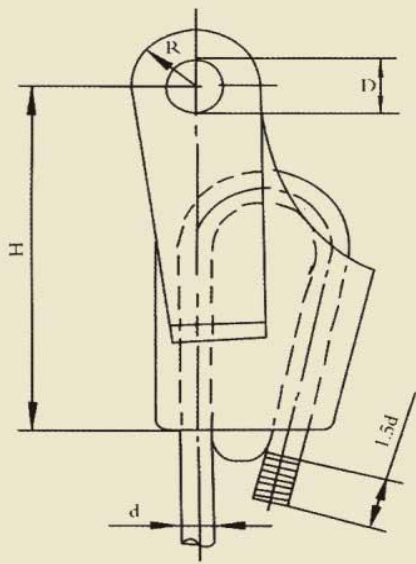
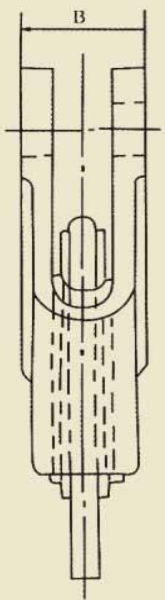


规格(inch) Size	LMax	Lmin	d
	mm		
1-1/4 x 18	1800	1345	M32

Wire Ropes Cuneiform Connector

钢丝绳楔形接头(GB5973-86)

WIRE ROPES CUNEIFORM CONNECTOR



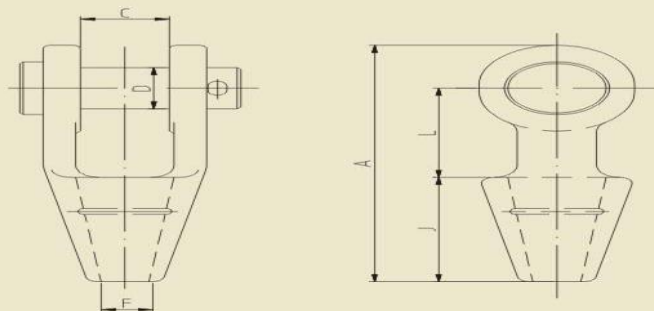
钢索直径 Wire Rope Dia(mm)	安全工作负荷 SWL kN (t)	B	D	H	R
		mm			
6	10 (1)	29	16	90	16
8	10 (1)	31	18	100	25
10	15 (1.5)	38	20	120	25
12	20 (2)	44	25	155	30
14	25 (2.5)	51	30	185	35
16	30 (3)	60	34	195	42
18	35 (3.5)	64	36	195	44
20	50 (5)	72	38	220	50
22	55 (5.5)	76	40	240	52
24	65 (6.5)	83	50	260	60
26	75 (7.5)	92	55	280	65
28	95 (9.5)	94	55	305	70
32	120 (12)	110	65	360	77
36	155 (15.5)	122	70	390	85
40	200 (20)	145	75	470	90

Grooved Spelter Sockets

美式索节

GROOVED SPELTER SOCKETS

美式开式索节 GROOVED OPEN SPELTER SOCKETS

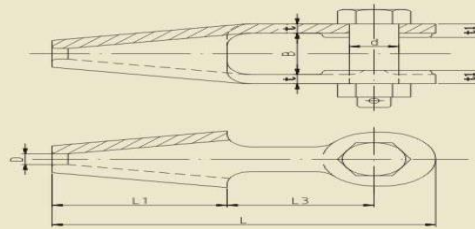


钢索直径 Wire Rope Dia.		A	C	D	F	J	L
in	mm	mm					
1/4	6	115.8	23.1	17.5	9.7	57	40
5/16~3/8	8~9	123	20.6	20.6	12.7	57	44.5
7/16~1/2	11~12	141.2	25.4	25.4	14.2	64	51
9/16~5/8	14~16	171.5	32	30	17.5	76	64
3/4	19	202	38.1	38.1	20.6	89	76
7/8	22	235	44.5	44.5	23.9	102	89
1	25	268	50.8	50.8	28.7	114	102
1 1/8	28	300	57.2	57.2	31.8	127	117
1 1/4~1 3/8	31.5~35	335	63.5	63.5	38.1	140	127
1 1/2	38	384	76.2	70	41.4	152	152
1 5/8	42	413	76.2	76.2	44.5	165	165
1 3/4~1 7/8	45~47.5	464	89	89	51	191	178
2~2 1/8	50~53	546	102	95.3	57	216	229
2 1/4~2 3/8	57~60	597	114.3	108	63.5	229	254
2 1/2~2 5/8	63~66	648	127	120.7	73	248	273
2 3/4~2 7/8	70~73	692	133.4	127	79	279	279
3~3 1/8	76~80	737	146	133.4	86	305	286
3 1/4~3 3/8	82~85	784	159	140	92	330	298
3 1/2~3 5/8	89~92	845	171.5	152.4	98.6	356	318
3 3/4~4	95~100	921	191	177.8	108	381	343

JIS Open Wire Rope Sockets

日式索节 (JIS F3432)
JIS WIRE ROPE SOCKETS

日式开式索节 JIS OPEN WIRE ROPE SOCKETS

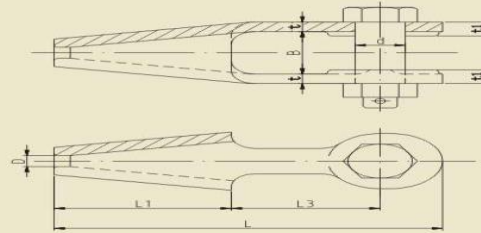


规格 Size	钢索直径 Wire Rope Dia. (mm)	安全工作负荷 SWL(t)	D	d	B	L	L1	L3	t	t1
			mm							
10	10.5	1.2	14	19	33	144	66	56	6	8
12	12	1.7	16	21	35	159	73	61	7	9
14	14	2.2	18	23	37	176	81	67	8	11
16	16	2.6	20	25	40	193	88	74	9	13
18	18	3.3	23	28	43	210	95	81	11	15
20	20	4.1	25	31	47	227	103	86	13	18
22	22.5	5.1	30	34	52	245	111	93	14	20
24	24	5.9	32	37	56	262	119	98	16	22
25	25	6.9	33	40	60	281	127	106	18	24
28	28	8	36	43	65	298	135	111	19	26
30	30	9.2	38	46	68	316	143	118	21	28
32	31.5	10.5	40	49	72	335	151	125	23	31
34	33.5	11.5	42	52	75	353	159	131	25	33
36	36	13	44	55	80	373	168	138	26	35
38	37.5	14.5	47	58	84	392	177	144	27	36
40	40	16.5	49	61	88	413	186	153	29	38
42	42	18.5	52	64	92	434	196	160	30	40
45	45	21	54	70	101	474	214	175	33	44
48	47.5	23	57	73	104	494	223	183	35	46
50	50	25.5	60	76	109	516	233	191	36	48
53	53	28	63	79	113	536	242	199	38	50
56	56	31.5	66	83	119	567	256	211	40	53
60	60	36	70	90	129	619	279	232	43	57
63	63	40	74	93	133	641	289	240	44	58

JIS Wire Rope Sockets

日式索节 (JIS F3432) JIS WIRE ROPE SOCKETS

日式开式索节 JIS OPEN WIRE ROPE SOCKETS



规格 Size	钢索直径 Wire Rope Dia. (mm)	安全工作负荷 SWL (t)	D	d	B	L	L1	L3	t	t1
			mm							
10	10.5	1.2	14	19	33	144	66	56	6	8
12	12	1.7	16	21	35	159	73	61	7	9
14	14	2.2	18	23	37	176	81	67	8	11
16	16	2.6	20	25	40	193	88	74	9	13
18	18	3.3	23	28	43	210	95	81	11	15
20	20	4.1	25	31	47	227	103	86	13	18
22	22.5	5.1	30	34	52	245	111	93	14	20
24	24	5.9	32	37	56	262	119	98	16	22
25	25	6.9	33	40	60	281	127	106	18	24
28	28	8	36	43	65	298	135	111	19	26
30	30	9.2	38	46	68	316	143	118	21	28
32	31.5	10.5	40	49	72	335	151	125	23	31
34	33.5	11.5	42	52	75	353	159	131	25	33
36	36	13	44	55	80	373	168	138	26	35
38	37.5	14.5	47	58	84	392	177	144	27	36
40	40	16.5	49	61	88	413	186	153	29	38
42	42	18.5	52	64	92	434	196	160	30	40
45	45	21	54	70	101	474	214	175	33	44
48	47.5	23	57	73	104	494	223	183	35	46
50	50	25.5	60	76	109	516	233	191	36	48
53	53	28	63	79	113	536	242	199	38	50
56	56	31.5	66	83	119	567	256	211	40	53
60	60	36	70	90	129	619	279	232	43	57
63	63	40	74	93	133	641	289	240	44	58

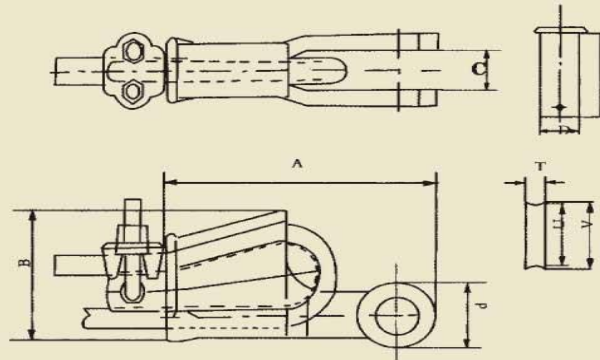
Lashing Turnbuckles

楔形接头

CUNEIFORM CONNECTOR

楔形接头

CUNEIFORM CONNECTOR

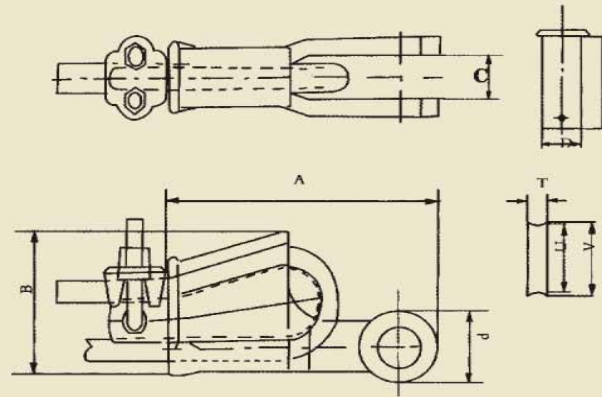


钢索直径 Wire Rope Dia (in)	A	B	C	D	P	T	U	V
	in							
3/8	5.63	2.77	0.81	0.81	1.56	0.44	1.25	1.38
1/2	6.81	3.55	1	1	1.94	0.53	1.75	1.88
5/8	8.16	4.36	1.25	1.19	2.25	0.69	2	2.19
3/4	9.78	4.81	1.5	1.38	2.62	0.78	2.34	2.56
7/8	11.16	4.65	1.75	1.63	3.12	0.88	2.69	2.94
1	12.75	5.08	2	2	3.75	1.03	2.88	3.28
1 1/8	14.38	5.51	2.25	2.25	4.25	1.19	3.13	3.56
1 1/4	16.00	7.94	2.5	2.5	4.75	1.31	3.38	3.81

Cuneiform Connector

楔形接头

CUNEIFORM CONNECTOR

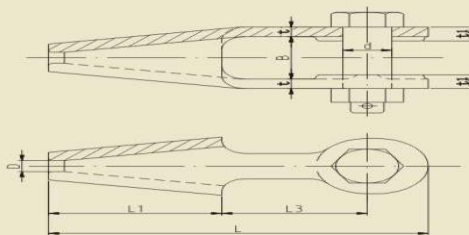


钢索直径 Wire Rope Dia (in)	A	B	C	D	P	T	U	V
	in							
3/8	5.63	2.77	0.81	0.81	1.56	0.44	1.25	1.38
1/2	6.81	3.55	1	1	1.94	0.53	1.75	1.88
5/8	8.16	4.36	1.25	1.19	2.25	0.69	2	2.19
3/4	9.78	4.81	1.5	1.38	2.62	0.78	2.34	2.56
7/8	11.16	4.65	1.75	1.63	3.12	0.88	2.69	2.94
1	12.75	5.08	2	2	3.75	1.03	2.88	3.28
1 1/8	14.38	5.51	2.25	2.25	4.25	1.19	3.13	3.56
1 1/4	16.00	7.94	2.5	2.5	4.75	1.31	3.38	3.81

JIS Wire Rope Sockets

日式索节 (JIS F3432) JIS WIRE ROPE SOCKETS

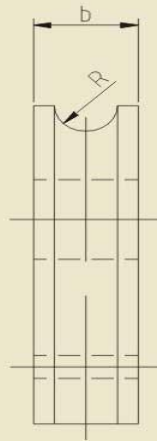
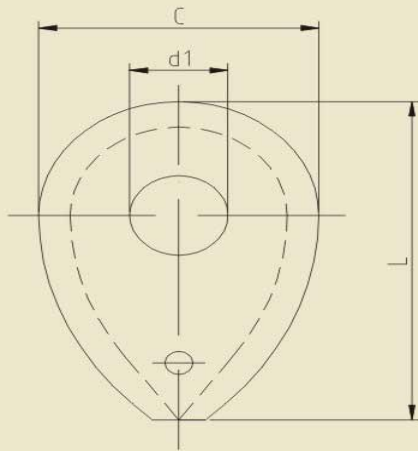
日式开式索节 JIS OPEN WIRE ROPE SOCKETS



规格 Size	钢索直径 Wire Rope Dia. (mm)	安全工作负荷 SWL(t)	D	d	B	L	L1	L3	t	t1
			mm							
10	10.5	1.2	14	19	33	144	66	56	6	8
12	12	1.7	16	21	35	159	73	61	7	9
14	14	2.2	18	23	37	176	81	67	8	11
16	16	2.6	20	25	40	193	88	74	9	13
18	18	3.3	23	28	43	210	95	81	11	15
20	20	4.1	25	31	47	227	103	86	13	18
22	22.5	5.1	30	34	52	245	111	93	14	20
24	24	5.9	32	37	56	262	119	98	16	22
25	25	6.9	33	40	60	281	127	106	18	24
28	28	8	36	43	65	298	135	111	19	26
30	30	9.2	38	46	68	316	143	118	21	28
32	31.5	10.5	40	49	72	335	151	125	23	31
34	33.5	11.5	42	52	75	353	159	131	25	33
36	36	13	44	55	80	373	168	138	26	35
38	37.5	14.5	47	58	84	392	177	144	27	36
40	40	16.5	49	61	88	413	186	153	29	38
42	42	18.5	52	64	92	434	196	160	30	40
45	45	21	54	70	101	474	214	175	33	44
48	47.5	23	57	73	104	494	223	183	35	46
50	50	25.5	60	76	109	516	233	191	36	48
53	53	28	63	79	113	536	242	199	38	50
56	56	31.5	66	83	119	567	256	211	40	53
60	60	36	70	90	129	619	279	232	43	57
63	63	40	74	93	133	641	289	240	44	58

DIN Thimbles

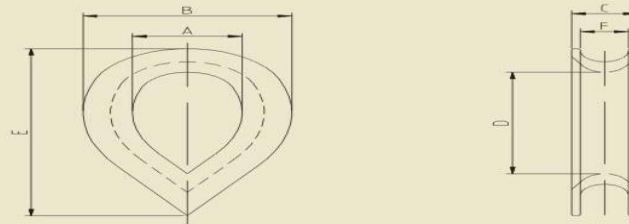
德式套环(DIN3091)
DIN THIMBLES



规格 Size	L	C	d1	b	R
	mm				
8	56	40	14	15	48
10	70	50	18	17.5	60
12	84	60	21	20	72
14	98	70	25	23.5	84
16	110	80	28	26	96
18	130	90	31	28.5	110
20	140	100	35	31	120
22	150	110	38	33.5	130
24	170	120	41	36	140
26	180	130	44	39.5	160
28	200	140	47	42	170
32	220	160	53	47	190
36	250	180	59	53	220
40	280	200	65	58	240
44	310	220	70	63	260
48	340	240	76	69	290
52	360	260	81	74	310
56	390	280	86	80	340
64	450	320	95	90	380
72	500	360	104	101	430
80	560	400	112	112	480

Wire Rope Thimbles

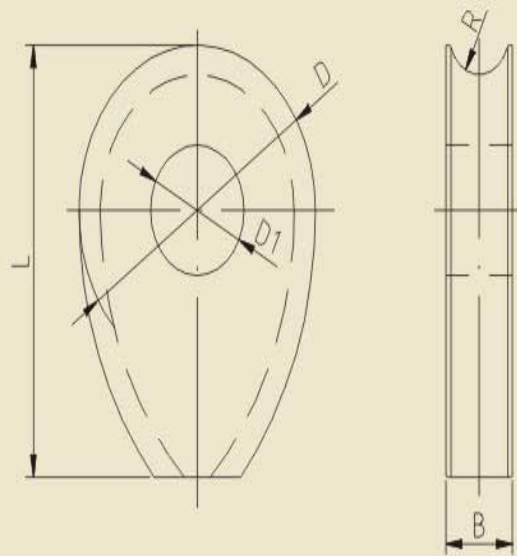
钢索套环(GB560—87)
WIRE ROPE THIMBLES



型 号 Type	钢索直径 Wire Rope Dia.(mm)	许用负荷 S.W.L.kN (t)	A	B	C	D	E	F
			mm					
WT4	4	1.67(0.17)	10	19	6	20	32	4.4
WT5	5	2.45(0.25)	12.5	23.5	7.5	25	40	5.5
WT6	6	3.43(0.35)	15	28	9	30	47	6.6
WT8	8	6.27(0.64)	20	37	12	40	63	8.8
WT10	9~10	9.8(1.00)	25	46	15	50	79	11
WT12	11~12	14.7(1.5)	30	56	18	60	95	13
WT14	13~14	19.6(2.0)	35	65	21	70	111	15
WT16	16	26.46(2.7)	40	74	24	80	126	18
WT18	18	33.32(3.4)	45	83	27	90	142	20
WT20	20	40.18(4.1)	50	92	30	100	158	22
WT22	22	49.0(5.0)	55	101	33	110	174	24
WT25	24	63.7(6.5)	62	115	38	125	198	28
WT28	26~28	80.36(8.2)	70	129	42	140	221	31
WT32	32	104.86(10.7)	80	147	48	160	253	35
WT36	36	132.3(13.5)	90	166	54	180	284	40
WT40	40	166.6(17.0)	100	184	60	200	316	44
WT45	44	205.8(21.0)	112	207	68	225	356	50
WT50	48	264.6(27.0)	125	231	75	250	395	55
WT56	52~56	323.4(33.0)	140	258	84	280	442	62
WT63	60	392.0(40.0)	158	291	94	315	498	69

JIS Thimbles

日式套环
JIS THIMBLES



规格 Size	钢索直径 Wire Rope Dia.(mm)	L	D	D1	B	R
		mm				
24	20	136	103	42	29	13
26	22.4	144	110	42	31	13.9
28	24 25	156	120	50	33	14.6
30	26	165	130	50	35	15.5
32	28	180	140	50	38	16.5
34	31.5	186	145	59	40	17.5
36	32	196	150	59	42	19
45	40 35.5	242	190	75	52	22.5

Fibre Thimbles

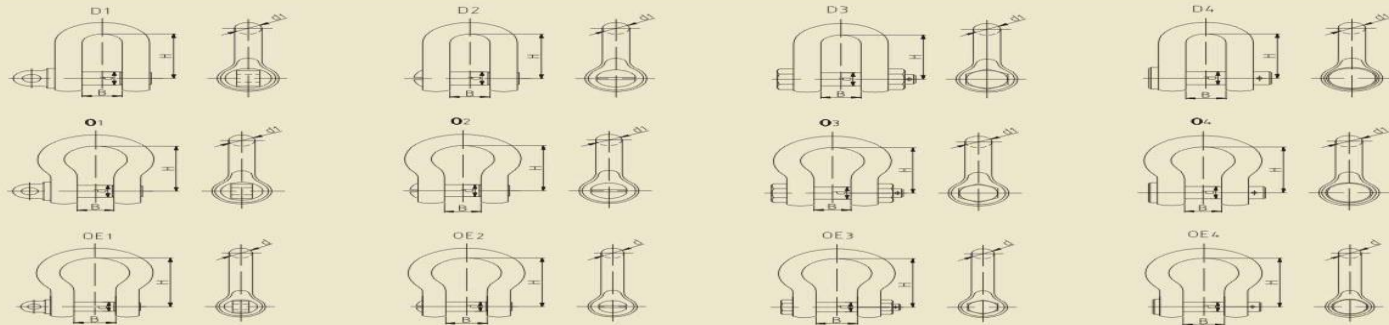
纤维索套环
FIBRE THIMBLES



型 号 Type	纤维索直径 Fibre Dia.(mm)	许用负荷 S.W.L.kN (t)	A	B	C	D	E	F
			mm					
FT6	6	0.78(0.08)	11	21	8.4	18	30	6.6
FT8	7~8	1.37(0.14)	14	26	11	24	40	8.8
FT10	9~10	2.06(0.21)	18	32	14	30	50	11
FT12	11~12	2.94(0.30)	22	39	17	36	60	13
FT14	13~14	3.92(0.40)	25	45	20	42	70	15
FT16	16	4.9(0.5)	29	51	22	48	80	18
FT18	18	6.37(0.65)	32	57	25	54	90	20
FT20	20	7.84(0.8)	36	64	28	60	100	22
FT22	22	9.8(1.0)	40	71	31	66	110	24
FT25	24	11.76(1.2)	45	79	35	75	125	28
FT28	26~28	14.7(1.5)	50	90	39	84	140	31
FT32	30~32	18.62(1.9)	58	102	45	96	160	35
FT36	34~36	24.5(2.5)	65	115	50	108	180	40
FT40	38~40	31.36(3.2)	72	128	56	120	200	44
FT45	44	38.22(3.9)	81	143	63	135	225	50
FT50	48	47.04(4.8)	90	159	70	150	250	55
FT56	52~56	58.8(6.0)	101	179	78	168	280	62
FT63	60	73.50(7.5)	113	201	88	189	315	69
FT70	64~68	88.2(9.0)	126	225	98	210	350	77
FT80	72.76~80	107.8(11.0)	144	256	112	240	400	88
FT90	88	137.2(14.0)	162	287	126	270	450	99
FT100	96	176.4(18.0)	180	320	140	300	500	110

Ships Shackle

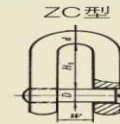
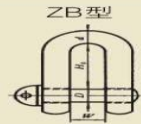
船用卸扣(GB559-87)
SHIP'S SHACKLE



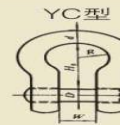
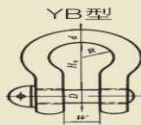
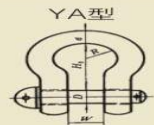
安全工作负荷 S.W.L kN (t)	规格 TYPE D1 D2 D3 D4				规格 TYPE O1 O2 O3 O4				规格 TYPE OE1 OE2 OE3 OE4			
	d	d1	B	H	d	d1	B	H	d	d1	B	H
3.92 (0.40)	9	8	13	33	10	9	13	37.5	11	10	18	50.5
4.90 (0.50)	10	9	14	36	11	10	14	40.5	12	11	20	56
6.27 (0.64)	12	10	16	41	12	11	16	46	14	13	23	64.5
7.84 (0.80)	14	12	18	46.5	14	13	18	52	15	14	25	70
9.80 (1.00)	15	13	20	51.5	16	14	20	58	17	16	28	79.5
12.25 (1.25)	17	15	22	57.5	18	16	22	64	19	18	32	88.5
15.68 (1.60)	19	17	25	64.5	20	18	25	73	22	20	36	101
19.60 (2.00)	21	19	28	72.5	22	20	28	81	25	23	40	112.5
24.50 (2.50)	24	21	31	81	25	23	31	90.5	28	25	45	126.5
31.36 (3.20)	27	24	35	91.5	28	25	35	103	31	29	51	141.5
39.20 (4.00)	30	26	40	102	31	28	40	114.5	35	32	57	159.5
49.00 (5.00)	33	29	44	113.5	35	32	44	128.5	39	36	63	177.5
61.74 (6.30)	37	33	50	127.5	39	36	50	143.5	44	40	71	200
78.40 (8.00)	42	37	56	144	44	40	56	162	49	45	80	224.5
98.00 (10.00)	47	41	63	161.5	49	45	63	181.5	55	50	90	251.5
122.50 (12.50)	53	46	70	180.5	55	50	70	202.5	62	56	100	281
156.80 (16.00)	60	52	79	204	62	56	79	229	70	64	113	318
196.00 (20.00)	67	59	89	228.5	69	63	89	255.5	78	71	126	355
245.00 (25.00)	75	65	99	253.5	77	70	99	286.5	87	79	142	397.5
313.60 (32.00)	84	74	112	289	87	80	112	323.5				
392.00 (40.00)	94	83	125	322	98	89	125	362				
490.00 (50.00)	106	92	140	361	109	99	140	404.5				
617.40 (63.00)	119	104	157	405.5	123	112	157	455.5				
784.00 (80.00)	134	117	177	457	138	126	177	513				

Engineering Shackles

工程船索具卸扣 SHACKLES



规格 TYPE			安全工作负荷 S.W.L. kN (t)	W	D	d	Ho
				mm			
ZA1	ZB1	ZC1	1	18	12	11	39
ZA1.25	ZB1.25	ZC1.25	1.25	20	13	12	44
ZA1.6	ZB1.6	ZC1.6	1.6	22	15	13	48
ZA2	ZB2	ZC2	2	26	17	15	57
ZA2.5	ZB2.5	ZC2.5	2.5	28	19	17	61
ZA3.2	ZB3.2	ZC3.2	3.2	34	21	19	75
ZA4	ZB4	ZC4	4	36	23	21	79
ZA5	ZB5	ZC5	5	38	25	23	83
ZA6.3	ZB6.3	ZC6.3	6.3	40	29	26	88
ZA8	ZB8	ZC8	8	44	32	29	96
ZA10	ZB10	ZC10	10	48	36	33	106
ZA12.5	ZB12.5	ZC12.5	12.5	54	40	36	118
ZA16	ZB16	ZC16	16	60	44	40	132
ZA20	ZB20	ZC20	20	65	48	45	143
ZA25	ZB25	ZC25	25	75	55	50	165
ZA32	ZB32	ZC32	32	80	62	56	176
ZA40	ZB40	ZC40	40	90	69	63	198
ZA50	ZB50	ZC50	50	95	77	70	209
ZA63	ZB63	ZC63	63	100	85	75	220
ZA80	ZB80	ZC80	80	110	94	85	242
ZA100	ZB100	ZC100	100	125	105	95	275
ZA130	ZB130	ZC130	132	135	120	110	297

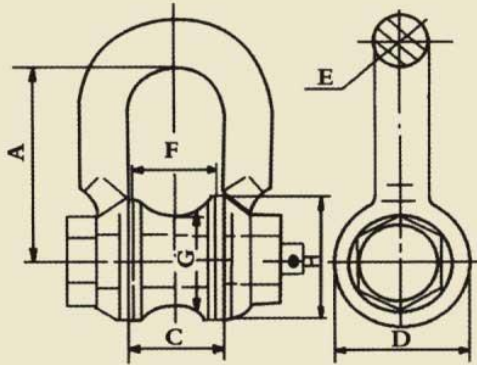


规格 TYPE			安全工作负荷 S.W.L. kN (t)	W	D	d	Ho	2R
				mm				
YA1	YB1	YC1	1	18	13	12	39	30
YA1.25	YB1.25	YC1.25	1.25	20	14	13	44	34
YA1.6	YB1.6	YC1.6	1.6	22	17	15	48	37
YA2	YB2	YC2	2	26	19	17	57	44
YA2.5	YB2.5	YC2.5	2.5	28	21	19	61	47
YA3.2	YB3.2	YC3.2	3.2	34	24	22	75	57
YA4	YB4	YC4	4	36	28	25	79	61
YA5	YB5	YC5	5	38	30	27	83	64
YA6.3	YB6.3	YC6.3	6.3	40	33	30	88	68
YA8	YB8	YC8	8	44	37	34	96	74
YA10	YB10	YC10	10	48	42	38	106	81
YA12.5	YB12.5	YC12.5	12.5	54	46	42	118	91
YA16	YB16	YC16	16	60	52	48	132	102
YA20	YB20	YC20	20	65	60	54	143	110
YA25	YB25	YC25	25	75	66	60	165	127
YA32	YB32	YC32	32	80	75	68	176	136
YA40	YB40	YC40	40	90	82	75	198	153
YA50	YB50	YC50	50	95	94	85	209	161
YA63	YB63	YC63	63	100	105	95	220	170
YA80	YB80	YC80	80	110	115	105	242	187

Roller Shackle

- Roller Shackle

滚轮卸扣
ROLLER SHACKLE

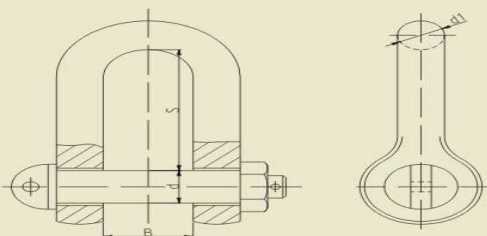


规 格 TYPE	安全工作负荷 S.W.LTON	A	C	D	E	F	G	H
		mm						
GK3	3	105	47	64	25	44	45	63
GK4	4	122	54	75	28	50	52	74
GK5	5	144	64	90	32	60	80	90

Alloy Steel Shackle

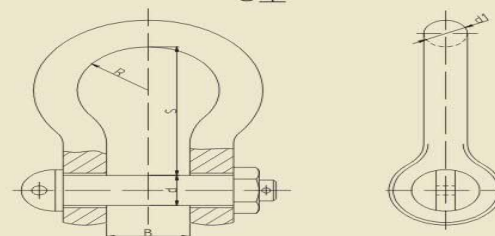
合金钢卸扣 (CB*3061-87)
ALLOY STEEL SHACKLE

D型



规格 TYPE	安全工作负荷 S.W.L KN (T)	B	d	d1	S
		mm			
D5	49(5)	44	26	23	97
D6.3	62(6.3)	50	29	26	109
D8	78(8)	56	33	29	123
D10	98(10)	63	37	33	138
D12.5	123(12.5)	70	42	36	154
D16	157(16)	79	47	41	174
D20	196(20)	89	52	46	195
D25	245(25)	99	59	51	218
D32	314(32)	112	66	58	247
D40	392(40)	125	74	65	275
D50	490(50)	140	83	72	308
D63	617(63)	157	93	81	346
D80	784(80)	177	105	91	390
D100	980(100)	200	118	102	436
D125	1225(125)	221	132	114	490

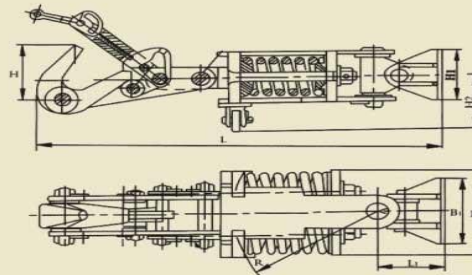
C型



规格 TYPE	安全工作负荷 S.W.L KN (T)	B	d	d1	2R	S
		mm				
C5	49(5)	44	28	26	75	111
C6.3	62(6.3)	50	32	29	84	124
C8	78(8)	56	36	33	95	140
C10	98(10)	63	40	36	106	157
C12.5	123(12.5)	70	44	41	119	175
C16	157(16)	79	50	46	135	198
C20	196(20)	89	56	51	150	221
C25	245(25)	99	63	57	168	248
C32	314(32)	112	71	65	190	280
C40	392(40)	125	79	72	213	313
C50	490(50)	140	89	81	248	350
C63	617(63)	157	100	91	267	394
C80	784(80)	177	112	102	301	444
C100	980(100)	200	126	114	340	500
C125	1225(125)	221	141	128	380	560

Towing Hook with Spring

弹簧拖钩(CB*637-78)
TOWING HOOK WITH SPRING

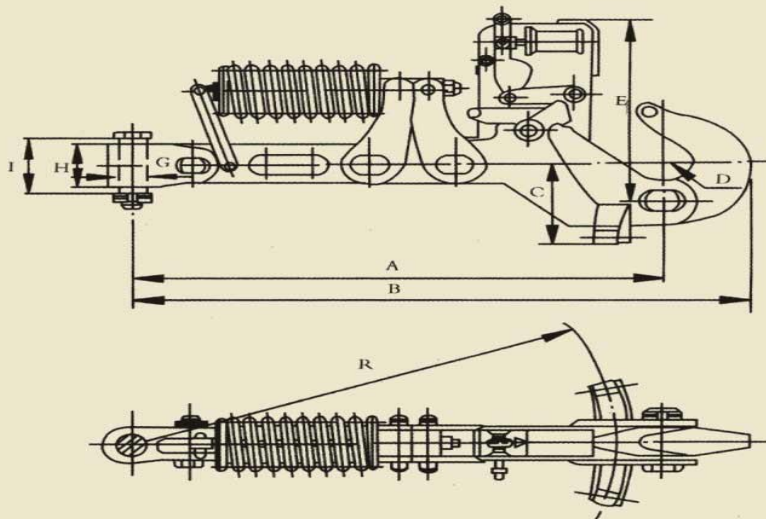


安全工作负荷 SWL (t)	L	L1	B	B1	H	H1	H2	R
	mm							
2	822	145	232	150	180	150	157	309
3	916	142	260	130	190	130	141	345
5	1180	184	330	208	270	228	189.2	445
8	1411	196	342	200	284	160	192	563
12	1710	253	410	260	376	250	256.5	684
16	1936	270	458	320	400	210	261	741
20	2212	310	524	292	470	280	299	860
25	2448	324	560	310	490	300	310	952
30	1960	282	544	300	418	280	320	754
35	2128	315	590	342	430	280	332	828
40	2259	330	640	320	472	300	355	880
45	2395	330	640	400	464	300	369	943

Towing Hook with Spring by Pneumatic Control

气控弹簧拖钩(CB*3064-79)

TOWING HOOK WITH SPRING BY PNEUMATIC CONTROL

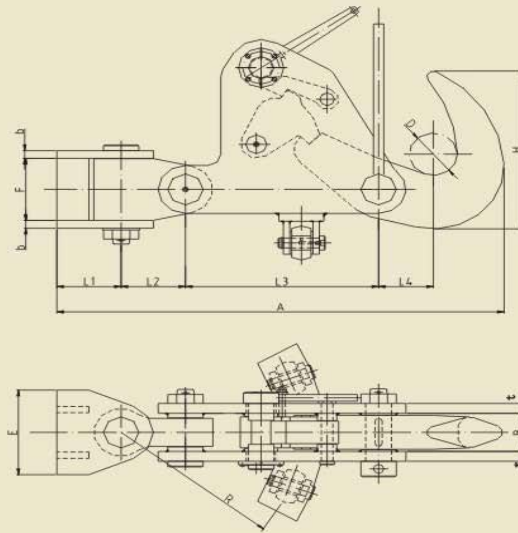


型号 Type	安全工作负荷 SWL (t)	A	B	C	D	E	G	H	I	R		气压
		mm								min	Max	Air Pressure kgf/cm ²
QT20	20	1830	1630	340	50	614	70	150	210	1400	1475	6 ~ 8
QT30	30	2015	1780	384	70	805	85	170	240	1690	1805	6 ~ 8
QT40	40	1935	1655	404	75	830	90	190	260	1490	1590	6 ~ 8
QT60	60	2270	1906	485	90	940	110	240	340	1740	1845	6 ~ 8

JIS Towing Hook

日式拖钩

JIS TOWING HOOK

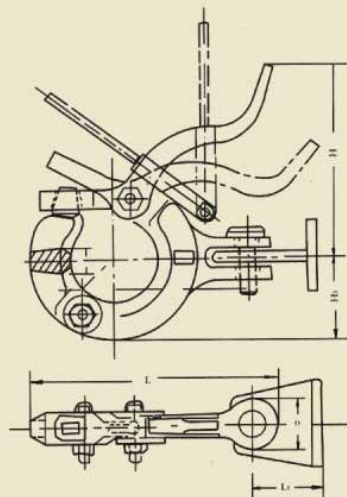


型号 Type	安全工作负荷 SWL (t)	A	B	D	E	F	H	L1	L2	L3	L4	b	t	R
		mm												
TW-40B	40	1398	135	150	300	220	560	200	200	600	170	28	35	560
TW-60B	60	1580	180	170	310	202	710	210	200	670	210	40	50	610

Springless Towing Hook

无弹簧拖钩 (CB788-74)

SPRINGLESS TOWING HOOK

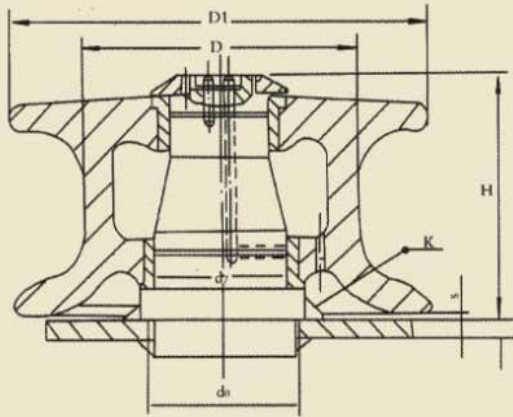


安全工作负荷 SWL (t)	H	H1	L1	L	I1	I2	B	D	R
	mm								
1	255	105	80	305	165	45	30	50	65
2	268	110	80	328	175	50	35	62	70
3	282	130	80	362	200	51	40	72	75
4	315	146	95	402	225	53	44	84	78

Ships Mooring Rollers

船用导缆滚轮 (GB10105-88)

SHIP'S MOORING ROLLERS

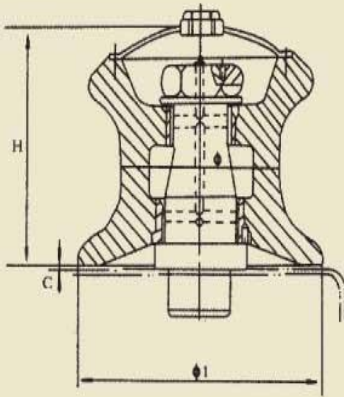


规格 Size	D	D1	d0	d7	H	s	t	K
	mm							
150	150	240	90	79	154	5	12	9
200	200	310	115	99	186	5	14	10
250	250	380	135	119	230	6	14	10
300	300	440	155	129	255	7	16	12
350	350	500	175	149	271	7	18	13
400	400	560	185	159	307	7	20	14
450	450	630	210	179	316	7	20	14

Mooring Rollers

导缆滚轮 (JIS F2014-1987)

MOORING ROLLERS

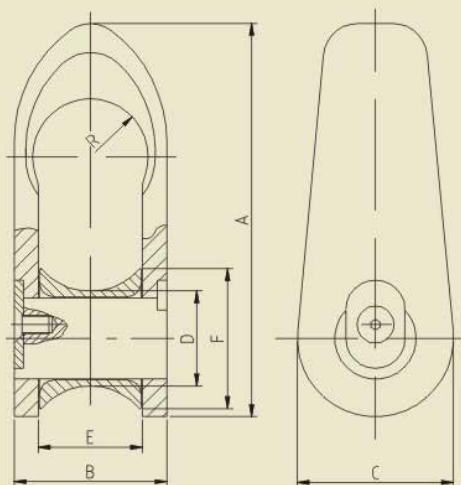


规格 Size	Φ	Φ1	H	C
	mm			
150	150	240	195	3
200	200	310	235	3
250	250	380	282	4
300	300	440	305	4
350	350	500	330	4
400	400	560	355	5

Mandal Fairlead Shackles

导索卸扣

MANDAL FAIRLEAD SHACKLES

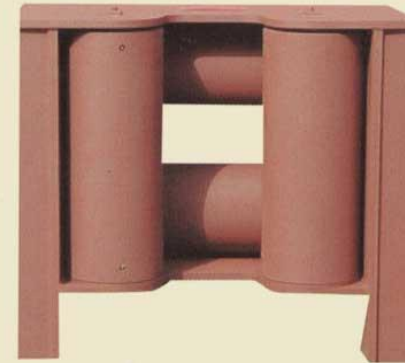
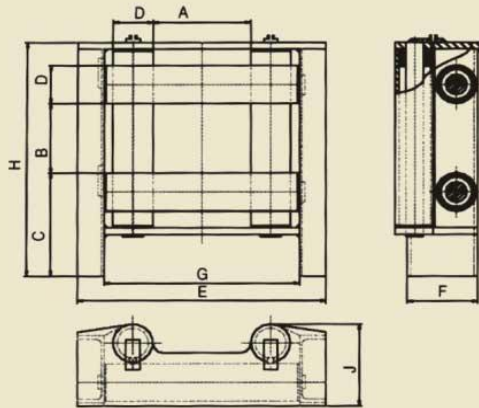


规格 Type	安全工作负荷 SWL (t)	A	B	C	D	E	F	R
		mm						
90T	30	295	95	122	82	66	121	38
120T	40	340	125	130	82	90	121	50

Fairlead with Horizontal

滚柱导缆器

FAIRLEAD WITH HORIZONTAL



型号 TYPE	安全工作负荷 SWL(t)	A	B	C	D	E	F	G	H	J
		mm								
114	5	254	152	309	114	686	203	534	645	248
140	8	254	152	335	140	756	254	578	697	300
168	12	254	152	363	168	812	305	634	753	356
194	20	324	200	389	194	966	381	762	853	408
273	24	324	200	543	273	1124	432	920	1111	566

Double Bitts Bollards

双柱系缆桩

DOUBLE BITTS BOLLARDS

GB/T554-1996

规格 Type	D	HI	A	B	L	
	mm					
100	114	150	250	165	445	50
125	140	190	315	195	540	60
160	168	250	400	225	670	70
200	219	300	500	290	860	85
250	273	380	630	360	1065	100
315	325	480	800	430	1300	125
355	351	530	890	480	1475	145
400	402	600	1000	550	1630	160
450	450	680	1130	620	1840	170
500	508	750	1250	690	2040	190
560	560	830	1380	750	2240	210
630	610	940	1570	820	2510	225
710	712	1050	1750	960	2840	260
800	813	1200	2000	1100	3240	295

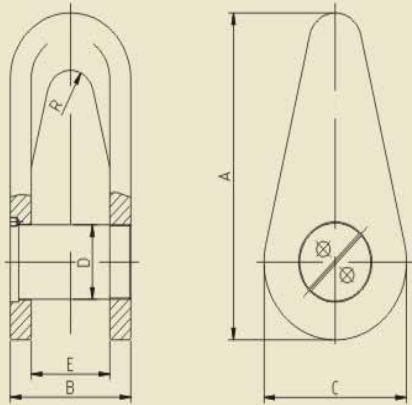
NS 2584

规格 Type	D	LI	L	h1	h2
	mm				
125	140	315	455	170	80
160	168	400	568	210	90
200	219	500	719	300	100
250	273	630	903	375	125
315	324	800	1124	450	150
400	406	1000	1406	525	175
500	508	1250	1758	630	200
630	610	1070	2180	775	225
710	711	1750	2461	850	250

Tonsberg Mooring Links

系泊链环

TONSBERG MOORING LINKS

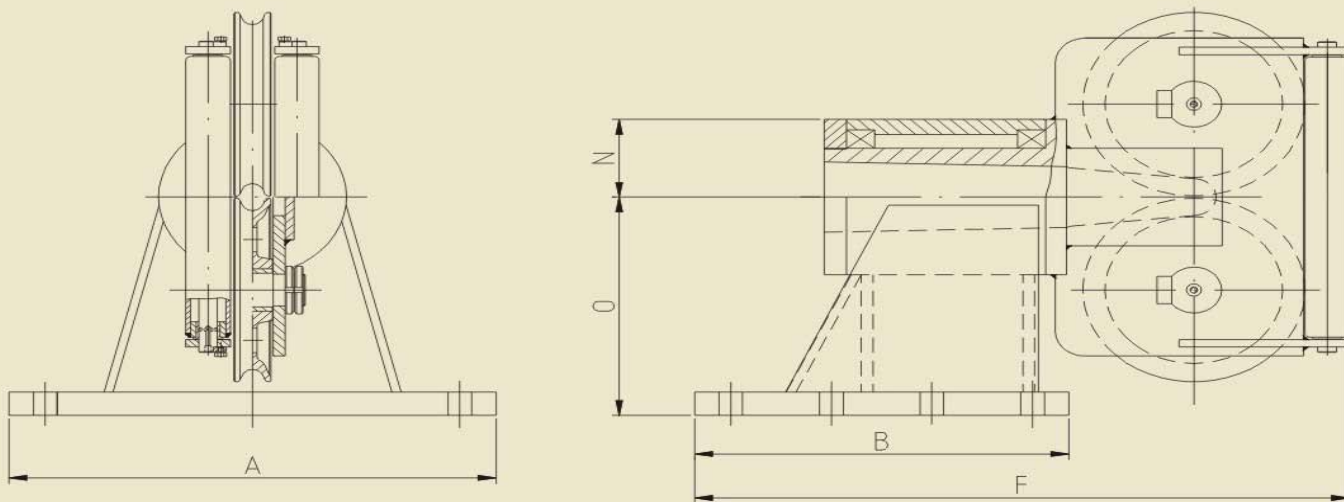


规格 Type	安全工作负荷 SWL (t)	A	B	C	D	E	R
		mm					
90T	30	285	115	136	65	75	22
120T	40	325	142	150	75	90	28
180T	60	350	184	160	85	120	30

Deck Mounted Anchor Fireleaders

旋转导缆器

DECK MOUNTED ANCHOR FAIRLEADERS



规格 Type(in)	滑轮直径 Sheave Dia(in)	A	B	O	N	F
		in				
1	10	14	14	10-1/4	4-1/2	26-3/4
1-1/4	12	26	20	14-1/16	5	35
1-1/2	16	30	30	18-1/16	7	50-3/8
1-3/4	20	40	36	22-1/16	9	61-3/4
2	24	44	48	27-1/2	11	74-1/2
2-1/2	30	56	54	31-1/2	13	83-3/4



- We welcome your inquiry any time and hope to have chances to work with your esteemed company.

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Thank you for your time! ! !

Email: info@completetech.cn; lucy@completetech.cc

- Mobile: 0086-13649239069

- Affilicate: Xi' An Aikeman Marine and Service Co., Ltd.