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Anchor Chain (cable) :

Connected between the anchor and the vessel hull, the ship used to deliver and buffer force suffered. Part can produce friction.

1 .According to chain link structure: Stud link and Studless link

2. According to purpose: marine anchor chain and offshore mooring chains.

Marine anchor chain have 2 grade: Grade2 and Grade3, offshore mooring chain have 3 grades:RQ3/NVR3,RQ3S/NVR3S,RQ4/NVR4

3. According steel grade points: AM1, AM2, AM3

Anchor chain accessories:

Kenter shackle, joint shackle, Swivel shackle, End shackle, Enlarged link, common link

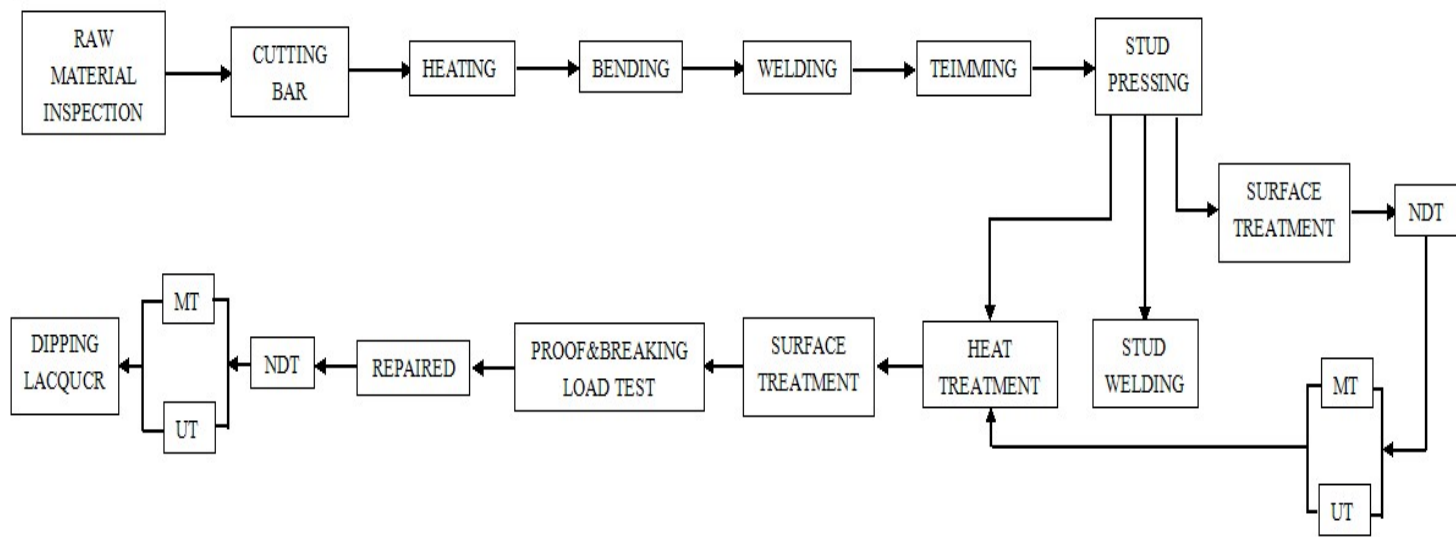
Structural characteristics:

By many chain link chain connected together, the size of a chain length about (mm) expressed. Intermediate support link based on whether the file is divided into stud and studless anchor chain. Chain available forging, casting and welding into the legal system. Marine anchor chain consists of several "length" (shackle), each 25.0 to 27.5 meters in length, and adjacent sections with a chain ring or shackle connected. Twist anchor, the anchor store anchor cabin in the bow section. Anchor specifications, ship construction standards in accordance with calculations confirm.

Welding anchor chain: chain link has round bending welded together. The process is simple, low cost, quality than other types of anchor chain. Now widely applied.

We supply all kinds of marine anchor chain, with ABS,BV,DNV,NK,LR,KR,RINA,CCS approval.

Production process:



原材料进厂检验
RAW MATERIAL INSPECTION



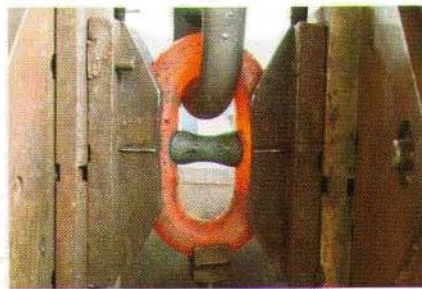
下料 CUTTING



弯环 BENDING



焊接 WELDING



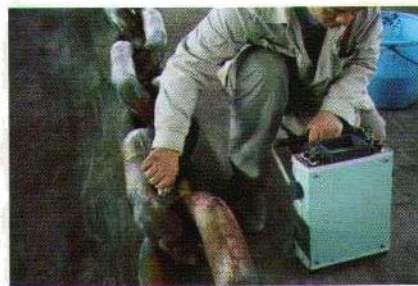
压档整形 STUD PRESSING



焊档 STUD WELDING



磁粉探伤 MT

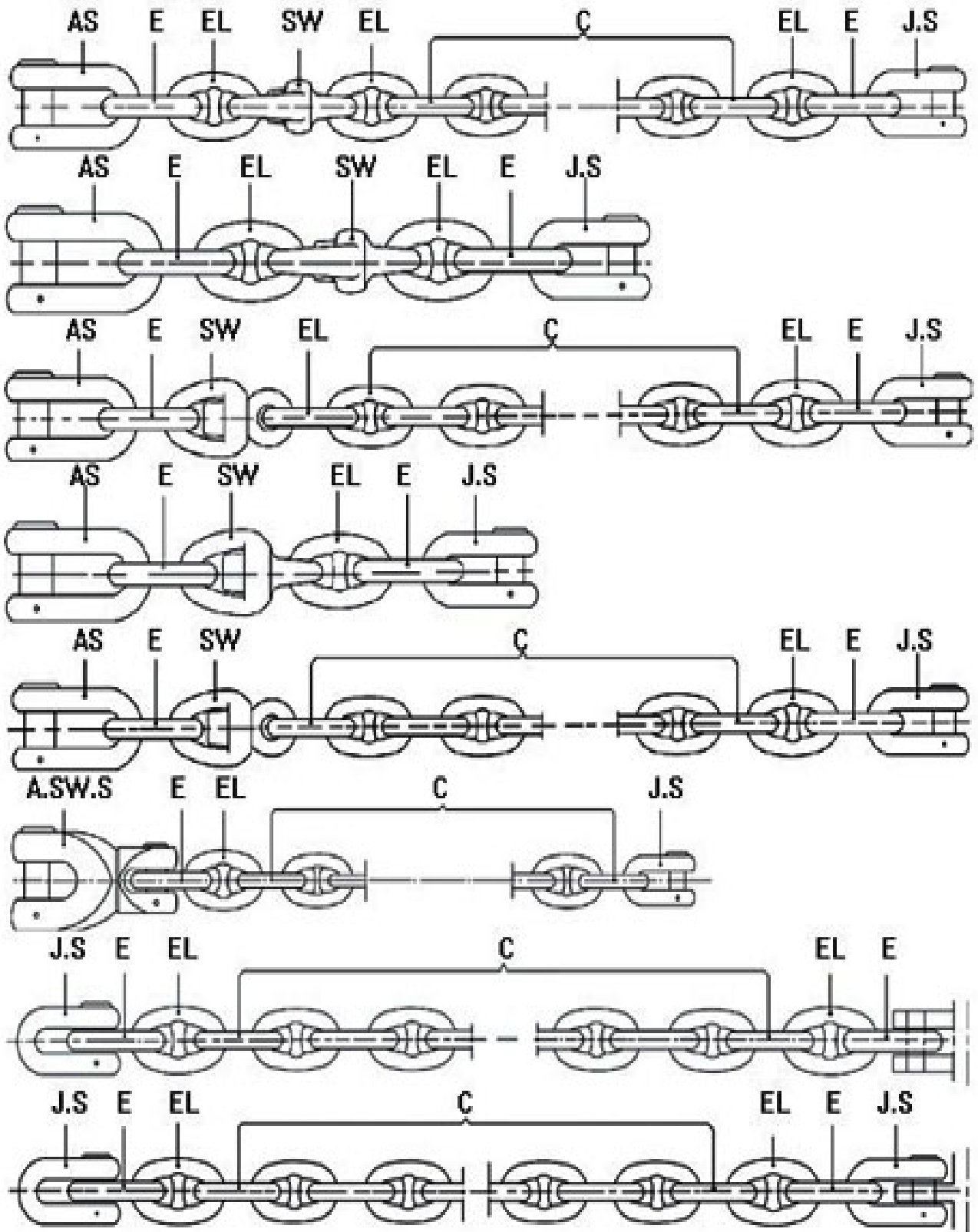


超声波探伤 UT

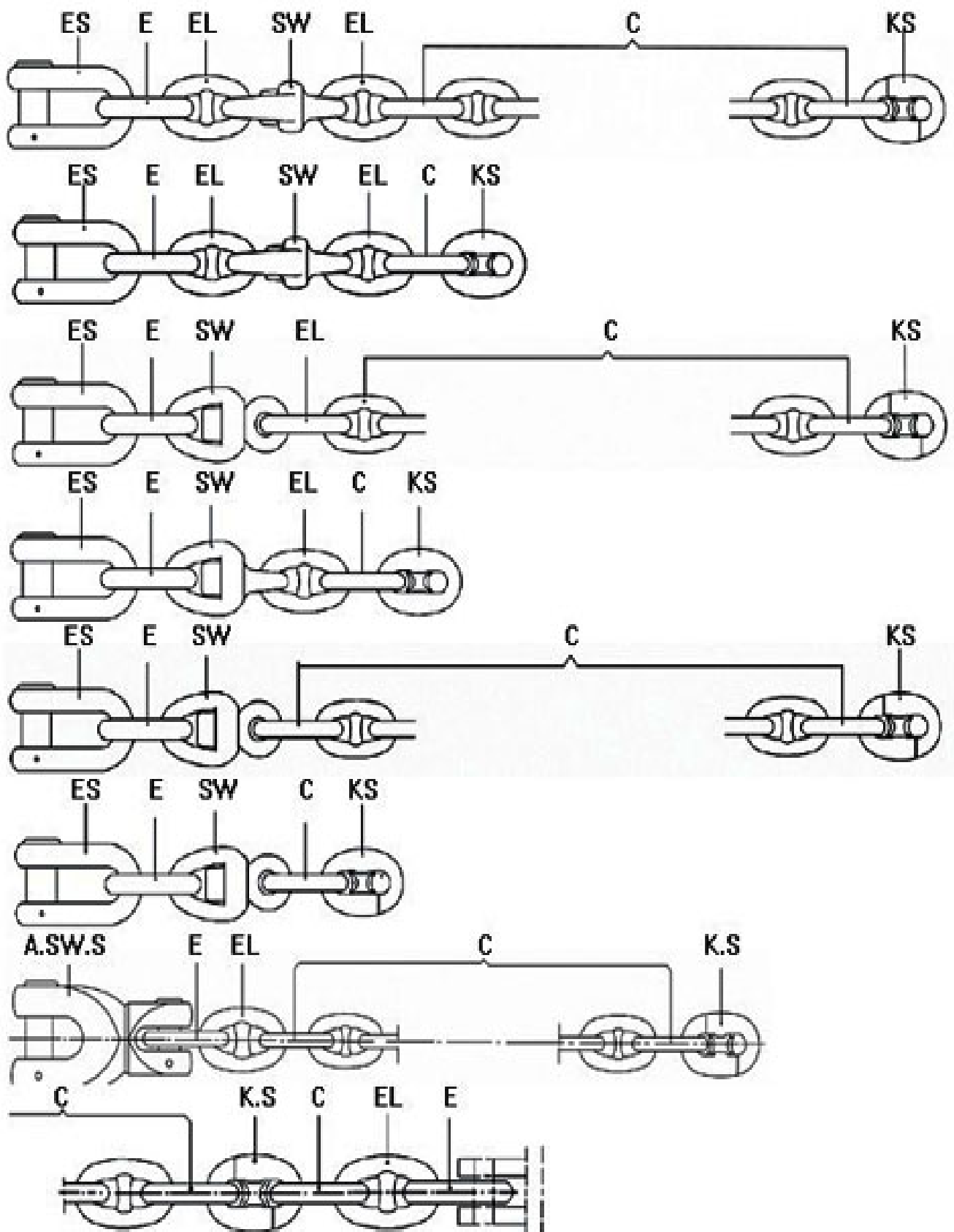


负荷试验 TESEING LOAD

Joining Forms for "D" J.S.



Joining Forms for K.S.



Stud link anchor chain specification:

Diameter	CHAIN LINK SIZE		AM2		AM3		APPROX.
			U2 STUD LINK CHAIN		U3 STUD LINK CHAIN		WEIGHT
	OUTSIDE	OUTSIDE	PROOF	BREAKING	PROOF	BREAKING	27.5M
	LENGTH	WIDTH	LOAD	LOAD	LOAD	LOAD	
MM	MM	MM	KN	KN	KN	KN	KG
12.5	75	45	66	92	92	132	98
14	84	50.4	82	116	116	165	119
16	96	57.6	107	150	150	216	156
17.5	105	63	127	179	179	256	186
19	114	68.4	150	211	211	301	230
20.5	123	73.8	175	244	244	349	260
22	132	79.2	200	280	280	401	300
24	144	86.4	237	332	332	476	370
26	156	93.6	278	389	389	556	431
28	168	100.8	321	449	449	642	496
30	180	108	368	514	514	735	564
32	192	115.2	417	583	583	833	635
34	204	122.4	468	655	655	937	712
36	216	129.6	523	732	732	1050	800
38	228	136.8	581	812	812	1160	887
40	240	144	640	896	896	1280	1032
42	252	151.2	703	981	981	1400	1084
44	264	158.4	769	1080	1080	1540	1197
46	276	165.6	837	1170	1170	1680	1310
48	288	172.8	908	1270	1270	1810	1438
50	300	180	981	1370	1370	1960	1546
52	312	187.2	1060	1480	1480	2110	1661
54	324	194.4	1140	1590	1590	2270	1791
56	336	201.6	1220	1710	1710	2430	1926
58	348	208.8	1290	1810	1810	2600	2086
60	360	216	1380	1940	1940	2770	2249
62	372	223.2	1470	2060	2060	2940	2361
64	384	230.4	1560	2190	2190	3130	2516
66	396	237.6	1660	2310	2310	3300	2676
68	408	244.8	1750	2450	2450	3500	2885
70	420	252	1840	2580	2580	3690	3010

Mooring anchor chain specification:

Chain Diameter	RQ3/NVR3		RQ3s/NVR3S			RQ4/NVR4		
	Stud, Studless Tension	Breaking Load	Studless Tension	Stud Tension	Breaking Load	Studless Tension	Stud Tension	Breaking Load
34	745	1065	831	859	1189	917	1031	1308
36	832	1189	928	960	1327	1024	1152	1461
38	923	1319	1030	1065	1473	1136	1278	1621
40	1019	1456	1136	1176	1626	1254	1411	1789
42	1119	1599	1248	1291	1786	1377	1549	1965
44	1223	1748	1364	1411	1952	1505	1693	2148
46	1331	1903	1485	1536	2124	1639	1843	2338
48	1444	2064	1610	1666	2304	1777	1999	2536
50	1560	2230	1740	1800	2490	1920	2160	2740
52	1681	2403	1875	1940	2683	2069	2327	2952
54	1806	2581	2014	2083	2882	2222	2500	3171
56	1934	2764	2157	2231	3086	2380	2677	3396
58	2066	2953	2304	2384	3297	2543	2860	3628
60	2202	3147	2456	2541	3514	2710	3049	3867
62	2342	3347	2612	2702	3737	2882	3242	4112
64	2485	3552	2771	2867	3966	3058	3440	4364
66	2632	3762	2935	3036	4200	3239	3644	4622
68	2782	3977	3103	3210	4440	3424	3852	4886
70	2936	4196	3274	3387	4686	3613	4065	5156
73	3173	4535	3539	3661	5064	3905	4393	5572
76	3417	4885	3812	3943	5454	4206	4731	6002
78	3584	5124	3998	4136	5721	4411	4963	6295
81	3841	5490	4284	4432	6130	4727	5318	6746
84	4104	5866	4578	4735	6550	5051	5682	7208
87	4374	6252	4879	5047	6981	5383	6056	7682
90	4651	6648	5187	5366	7423	5724	6439	8168
92	4838	6916	5397	5583	7723	5955	6699	8498
95	5125	7326	5717	5914	8180	6308	7096	9002
97	5320	7604	5934	6138	8491	6547	7366	9343
100	5616	8028	6264	6480	8964	6912	7776	9864
102	5817	8316	6489	6712	9285	7160	8055	10217
105	6123	8753	6830	7065	9774	7536	8478	10755
107	6330	9049	7061	7304	10104	7791	8765	11118
111	6751	9650	7530	7789	10775	8309	9347	11857
114	7072	10109	7888	8160	11288	8704	9792	12421
117	7398	10575	8251	8536	11808	9105	10243	12993
120	7728	11047	8620	8917	12335	9511	10700	13573
122	7951	11365	8868	9174	12690	9785	11008	13964
124	8175	11686	9118	9433	13048	10062	11319	14358
127	8515	12172	9498	9825	13591	10480	11790	14956
130	8859	12663	9881	10222	14140	10903	12266	15559

132	9090	12994	10139	10488	14509	11188	12586	15965
137	9674	13829	10791	11163	15442	11907	13395	16992
142	10268	14677	11452	11847	16389	12637	14217	18034
147	10869	15536	12123	12541	17348	13377	15049	19089
152	11476	16405	12800	13242	18318	14125	15890	20157
157	12090	17282	13485	13950	19297	14880	16740	21235
162	12708	18166	14175	14664	20284	15641	17596	22321

Anchor chain in produce:



Anchor chain packing:

