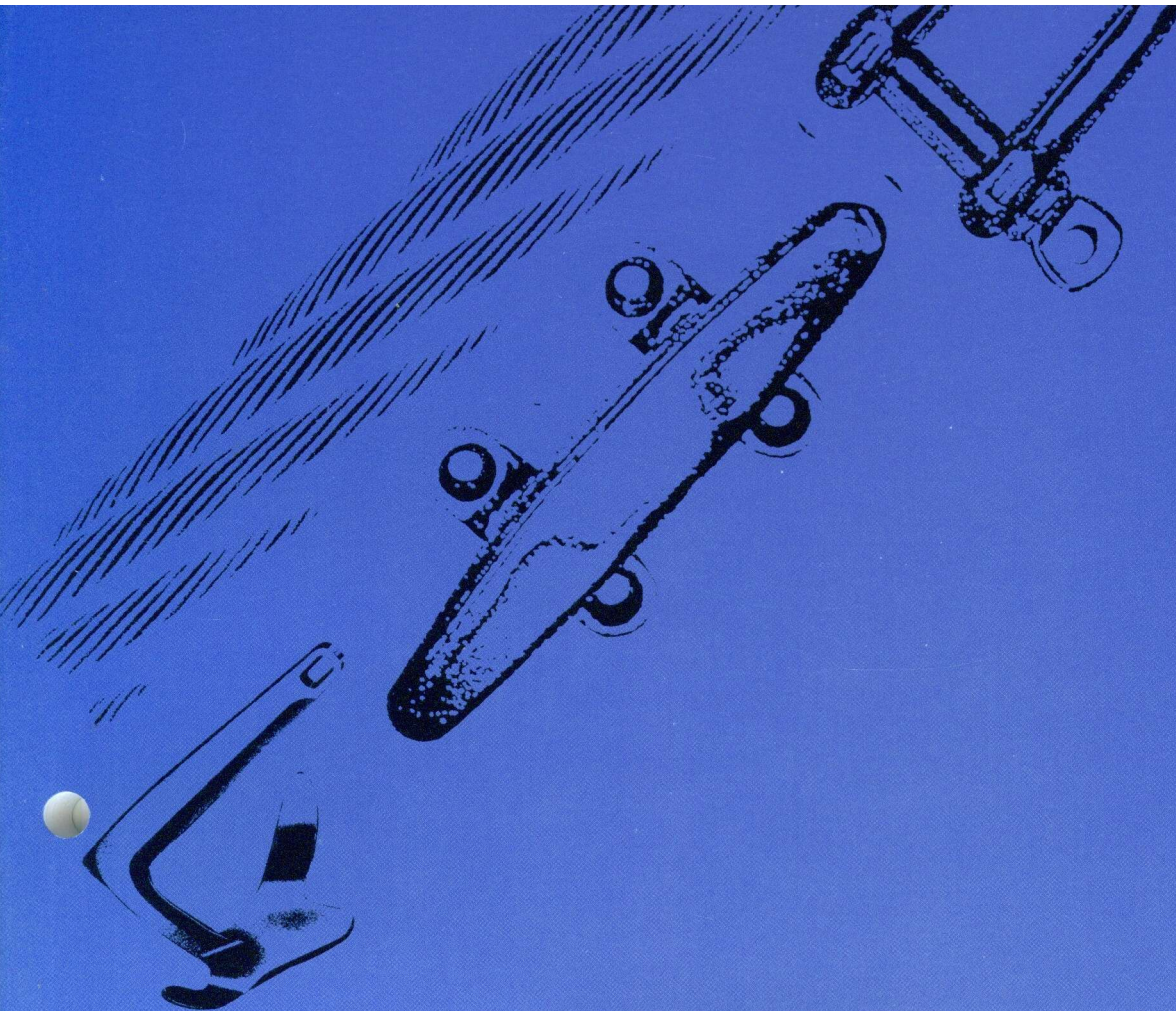




2008

Marine Hardware & Architecture Products



HOMER MFG & CO., LTD.

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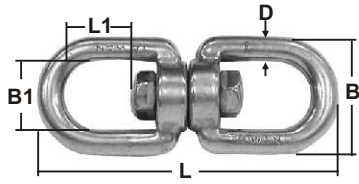
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Website: <http://www.homer-bh.com.tw>

INDEX

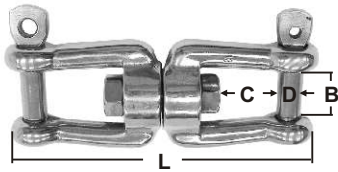
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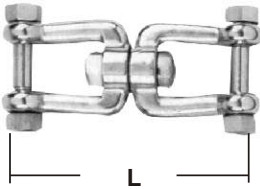
EYE AND EYE SWIVEL AISI 316

ITEM NO.	Size	L mm	L1 mm	B mm	B1 mm	BL/KG	Weight/g
000105	5	59	14	23	13	820	38
000106	6	65	15	27	15	1350	53
000108	8	105	23	41	23	2500	152
000110	10	115	27	44	24	3500	270
000112	12	130	28	49	25	4500	396
000113	13	154	34	57	32	6000	602
000116	16	186	45	70	40	10800	925
000120	20	231	50	84	41	16100	2040



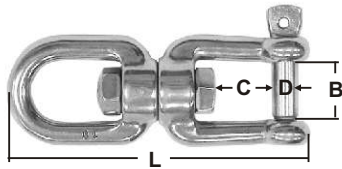
JAW AND JAW SWIVEL AISI 316

ITEM NO.	Size	L mm	B mm	C mm	D mm	BL/KG	Weight/g
000206	6	66	12	11	6	1350	68
000208	8	94	16	16	8	2500	178
000210	10	118	20	22	10	3500	342
000213	13	152	26	26	13	6000	729
000216	16	188	32	37	16	10800	1015



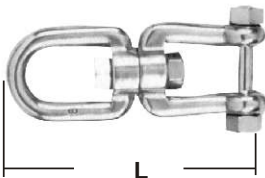
SAFETY JAW AND JAW SWIVEL AISI 316

ITEM NO.	Size mm	L mm	BL/KG	Weight/g
000406	6	66	1350	75
000408	8	94	2500	190
000410	10	118	3500	371
000413	13	152	6000	780
000416	16	188	10800	1200



EYE AND JAW SWIVEL AISI 316

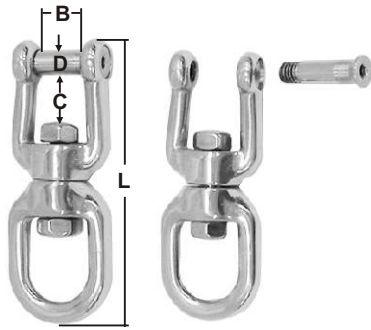
ITEM NO.	Size	L mm	B mm	C mm	D mm	BL/KG	Weight/g
000306	6	66	12	11	6	1350	61
000308	8	94	16	16	8	2500	154
000310	10	118	20	22	10	3500	306
000313	13	152	26	26	13	6000	619
000316	16	188	32	37	16	10800	1120



SAFETY EYE AND JAW SWIVEL AISI 316

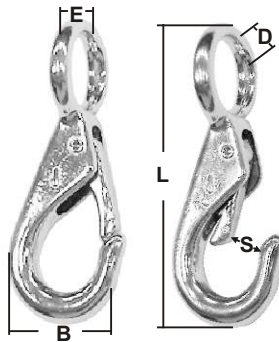
ITEM NO.	Size mm	L mm	BL/KG	Weight/g
000513	13	152	6000	680
000516	16	188	10800	1120

SNAP, SHACKLES



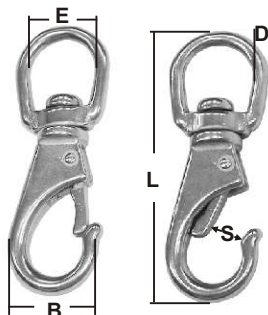
SAFETY EYE AND JAW SWIVEL AISI 316

ITEM NO.	Size	L	B	C	D	BL/KG	Weight/g
		mm	mm	mm	mm		
000302	6	66	12	11	6	1350	61
000303	8	94	16	16	8	2500	154
000304	10	118	20	22	10	3500	306



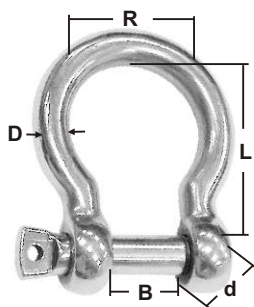
RIGID EYE SNAP

ITEM NO.	Size	E	L	B	S	D	Material	Weight/g
		mm	mm	mm	mm	mm		
000400	NO.0(3/8")	9	54	24	7	4.5	AISI 316	23
000401	NO.1(5/8")	16	72	30	9	5	AISI 316	51
000402	NO.2(11/16")	18	81	35	13	6	AISI 316	66
000403	NO.3(3/4")	21	98	45	15	7	AISI 316	150
060000	NO.0(3/8")	9	54	24	7	4.5	solid brass	21
060001	NO.1(5/8")	16	72	30	9	5	solid brass	41
060002	NO.2(11/16")	18	81	35	13	6	solid brass	61
060003	NO.3(3/4")	21	98	45	15	7	solid brass	124
060004	NO.0(3/8")	9	54	24	7	4.5	brass N/P	21
060005	NO.1(5/8")	16	72	30	9	5	brass N/P	41
060006	NO.2(11/16")	18	81	35	13	6	brass N/P	61
060007	NO.3(3/4")	21	98	45	15	7	brass N/P	124



SWIVEL EYE SNAP AISI 316

ITEM NO.	Size	E	L	B	S	D	Weight/g
		mm	mm	mm	mm	mm	
000501	NO.1(5/8")	16	83	30	10	5	59
000502	NO.2(3/4")	19	94	38	12	6	92
000503	NO.3(7/8")	22	113	44	15	7	148



BOW SHACKLES AISI 316

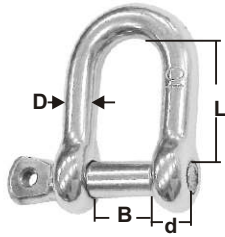
ITEM NO.	D	B	R	d	L	BL/KG	Weight/g
	mm	mm	mm	mm	mm		
001304	4(5/32")	8	14	8	16	750	6
001305	5(3/16")	10	17	10	20	1200	15
001306	6(1/4")	12	21	12	24	1500	29
001308	8(5/16")	16	28	16	32	2300	73
001310	10(13/32")	20	34	20	40	3700	136
001312	12(15/32")	24	42	24	48	4000	210



BOW SHACKLES WITH CAPTIVE BOLT AISI 316

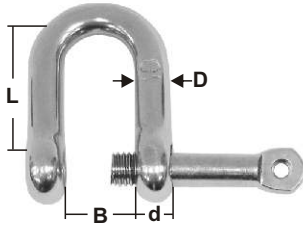
ITEM NO.	D mm	BL/KG	Weight/g
001506	6(1/4")	1800	22
001508	8(5/16")	3500	68
001510	10(13/32")	5400	123

SHACKLES



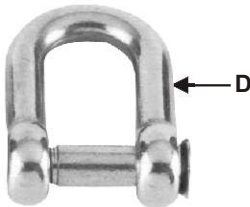
D SHACKLES AISI 316

ITEM NO.	D	B	d	L	BL/KG	Weight/g
	mm	mm	mm	mm		
000805	5(3/16")	10	10	20	1300	12
000806	6(1/4")	12	12	24	1800	24
000808	8(5/16")	16	16	32	2900	51
000810	10(13/32")	20	20	40	4700	106
000812	12(15/32")	24	24	48	5300	206
000816	16(5/8")	32	32	64	12500	440
000819	20(3/4")	38	38	76	17200	773



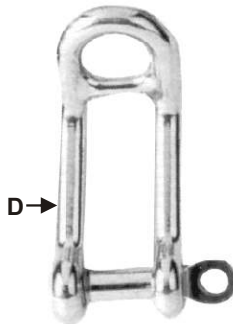
D SHACKLES WITH CAPTIVE BOLT AISI 316

ITEM NO.	D	B	d	L	BL/KG	Weight/g
	mm	mm	mm	mm		
000826	6(1/4")	12	12	24	1800	24
000828	8(5/16")	16	16	32	2900	51
000830	10(13/32")	20	20	40	4700	106



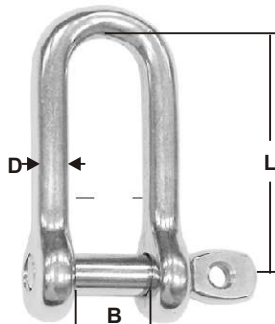
D SHACKLE WITH OVAL SINK PIN AISI 316

ITEM NO.	D mm	BL/KG	Weight/g
003406	6(1/4")	1800	22
003408	8(1/3")	3500	45
003410	10(2/5")	5400	100
003412	12(1/2")	7200	194



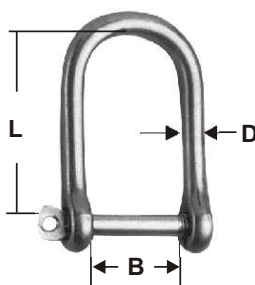
DOUBLE BAR D SHACKLE AISI 316

ITEM NO.	D mm	BL/KG	Weight/g
001206	6(1/4")	1900	42
001208	8(1/3")	3700	89
001210	10(2/5")	5700	174
001212	12(1/2")	7600	323



LONG TYPE D SHACKLES AISI 316

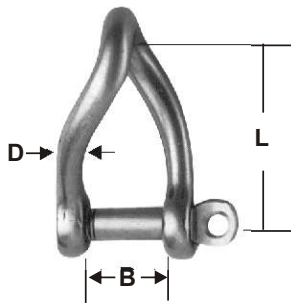
ITEM NO.	D	B	L	BL/KG	Weight/g
	mm	mm	mm		
000904	4(5/32")	8	22	800	7
000905	5(3/16")	10	29	1100	10
000906	6(1/4")	12	33	1600	31
000908	8(5/16")	16	45	3200	70
000910	10(13/32")	20	55	4900	200



WIDE TYPE D SHACKLES AISI 316

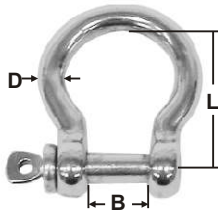
ITEM NO.	D	B	L	Weight/g
	mm	mm	mm	
001005	5(3/16")	20	36	22
001006	6(1/4")	25.5	42	37
001008	8(5/16")	32	57	104
001010	10(13/32")	40	72	184

SNAP & SHACKLE



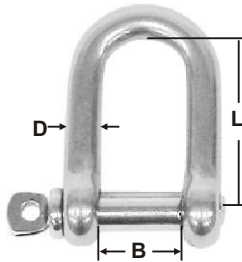
TWIST SHACKLES AISI 316

ITEM NO.	D	B	L	BL/KG	Weight/g
	mm	mm	mm		
001105	5(3/16")	10	26	1300	22
001106	6(1/4")	12	30	1800	25
001108	8(5/16")	16	40	3500	76
001110	10(13/32")	20	50	5400	145



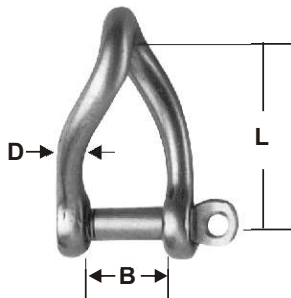
FORGED BOW SHACKLES AISI 316

ITEM NO.	D	B	L	BL/KG	Weight/g
	mm	mm	mm		
001024	4(5/32")	8	14	600	13
001025	5(3/16")	10	17.5	1200	15
001026	6(1/4")	12	21	1600	25
001028	8(5/16")	16	28	2400	60
001030	10(13/32")	20	35	3800	128
001032	12(1/2")	24	42	4000	225



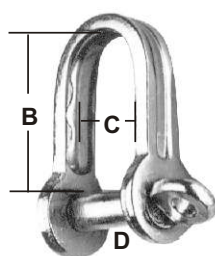
FORGED D SHACKLES AISI 316

ITEM NO.	D	B	L	BL/KG	Weight/g
	mm	mm	mm		
001034	4(5/32")	8	14	800	12
001035	5(3/16")	10	17.5	1500	16
001036	6(1/4")	12	21	1950	24
001038	8(5/16")	16	28	3600	63
001040	10(13/32")	20	35	4800	125
001042	12(1/2")	24	42	5400	185



FORGED TWIST SHACKLES AISI 316

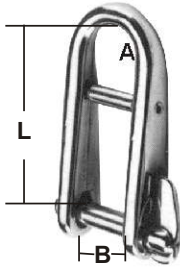
ITEM NO.	D	B	L	BL/KG	Weight/g
	mm	mm	mm		
001115	5(3/16")	10	27	1400	20
001116	6(1/4")	12	33	1900	30
001118	8(5/16")	16	44	3600	70
001120	10(13/32")	20	47	5500	135
001122	12(1/2")	24	52	5700	220



FLAT SHACKLE stamped AISI 304

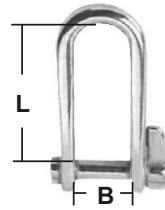
ITEM NO.	B	C	D	Thickness	Weight/g
	mm	mm	mm	mm	
020100	15	10	4	1.5	4
020101	18	12	5	2.0	10
020102	26	12	5	2.0	13
020103	35	15	5	2.5	21
020105	40	15	6	2.5	29
020104	24	16	6	2.5	15
020109	40	20	8	3.0	48

SNAP & SHACKLE



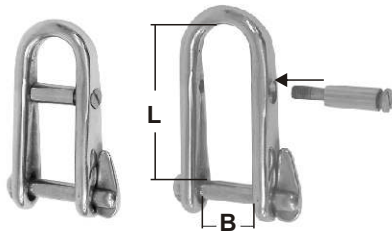
SHACKLE casted AISI 316

ITEM NO.	A	B	L	Weight/g
	mm	mm	mm	
001600	5	13	37	34
001601	6	16	45	51
001602	8	22	60	116



SHACKLE casted AISI 316

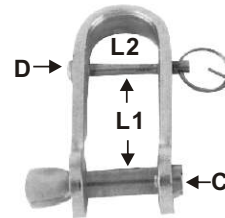
ITEM NO.	B	L	Weight/g
	mm	mm	
001603	13	37	30
001604	16	45	51
001605	22	60	114



SHACKLE WITH REMOVE PIN

casted AISI 316

ITEM NO.	Amm	Bmm	Lmm	Weight/g
001606	5	13	37	33
001607	6	16	45	50
001608	8	22	60	114



FLAT SHACKLE AISI 304 stamped

ITEM NO.	C	D	D	D	Thickness
	mm	mm	mm	mm	mm
020106	5	3	21	12	2.5
020107	6	3	25	13	2.5
020108	8	3	26	12	3.0



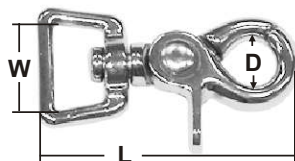
SWIVEL EYE BOLT SNAP casted AISI 316

ITEM NO.	Size	L mm	Weight/g
005005	5/8" (16mm)	84	42
005006	3/4" (19mm)	94	56
005007	1-1/4" (32mm)	118	120



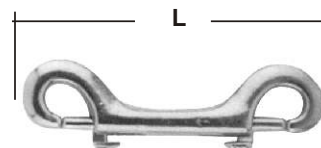
TRIGGER SNAP AISI 316

ITEM NO.	L mm	D mm	W mm	Weight/g
005008	68	13	13(1/2")	46
005013	66	13	16(5/8")	44
005014	71	13	19(3/4")	46



TRIGGER SNAP AISI 316

ITEM NO.	L mm	D mm	W mm	Weight/g
005015	62	13	19(3/4")	45



DOUBLE END SNAP casted AISI 316

ITEM NO.	L	Weight/g
2404-SS	11.5cm(4-1/2")	72

SHACKLES



QUICK RELEASE SNAP SHACKLES

with swivel eye Casted AISI 316

ITEM NO.	L mm	B mm	A mm	Weight/g
001627	84	8	18	100
001628	102	17	22	182
001629	125	22	27	332



QUICK RELEASE SNAP SHACKLES

with swivel eye AISI 316

ITEM NO.	L mm	B mm	A mm	Weight/g
001613	87	19	12	87
001614	110	26	16	168
001615	139	35	22	356



QUICK RELEASE SNAP SHACKLES

open type AISI 316

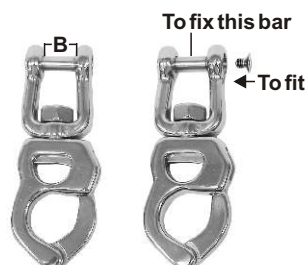
ITEM NO.	L mm	B mm	A mm	Weight/g
001617	93	19	12	135
001618	135	22	22	384



QUICK RELEASE SNAP SHACKLES

open type allen head captive bolt AISI 316

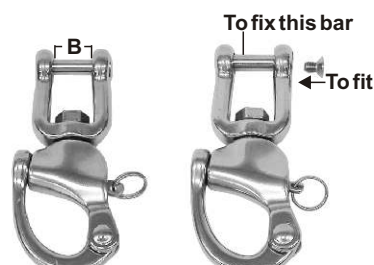
ITEM NO.	L mm	B mm	A mm	Weight/g
001619	93	19	12	152
001620	135	22	22	360



SWIVEL SNAP SHACKLES

open type with captive bolt and special lock system AISI 316

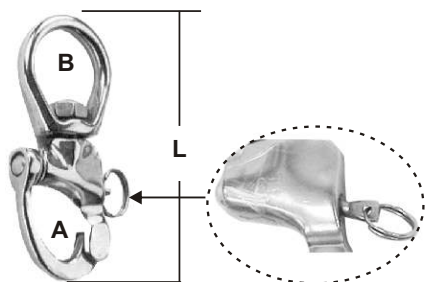
ITEM NO.	L mm	B mm	Breaking load	Weight/g
001633	125(5")	22	4000 kg	350



SWIVEL SNAP SHACKLES

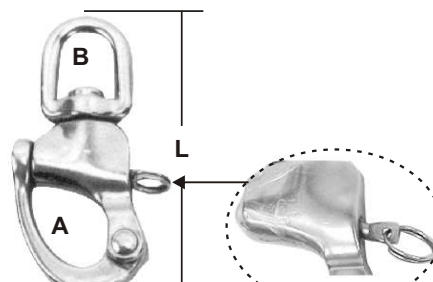
open type with captive bolt and special lock system AISI 316

ITEM NO.	L mm	B mm	Breaking load	Weight/g
004219	125(5")	22	4000 kg	380



SWIVEL SNAP SHACKLES AISI 316

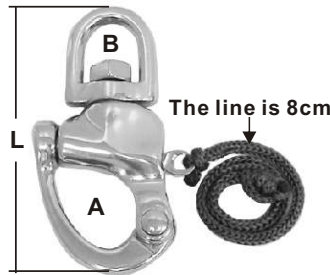
ITEM NO.	A mm	B mm	L mm	BL/KG	Weight/g
001623	12	19	80	1900	64
001624	16	26	99	2900	146
001625	22	35	136	3900	398



SWIVEL SNAP SHACKLES AISI 316

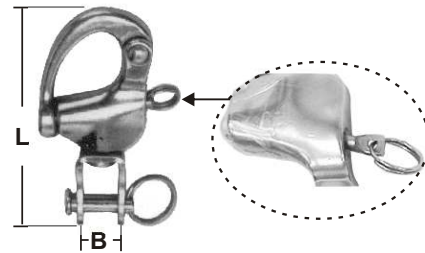
ITEM NO.	A mm	B mm	L mm	BL/KG	Weight/g
001612	12	12	70	1900	57
001616	16	16	87	2900	120
001622	22	22	123	3900	330

SHACKLES



SWIVEL SNAP SHACKLES AISI 316

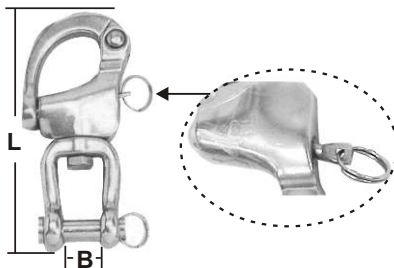
ITEM NO.	A	B	L	BL/KG	Weight/g
	mm	mm	mm		
001636	12	12	70	1900	57
001637	16	16	87	2900	120



SWIVEL SNAP SHACKLES AISI 316

with sheet bracket removable pin

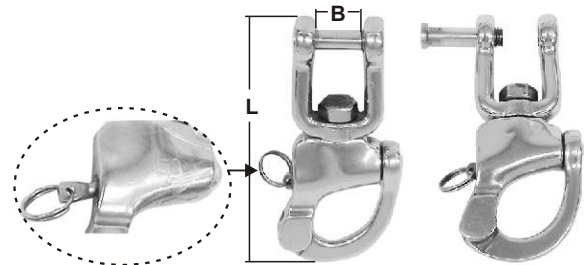
ITEM NO.	L	B	BL/KG	Weight/g
	mm	mm		
002712	70	12	1900	63
002713	87	13	2900	114
002722	128	22	3900	250



SWIVEL SNAP SHACKLES AISI 316

open type

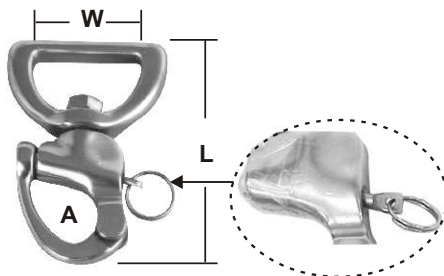
ITEM NO.	L	B	BL/KG	Weight/g
	mm	mm		
004216	87	13	3000	160
004222	128	22	4000	435



SWIVEL SNAP SHACKLES

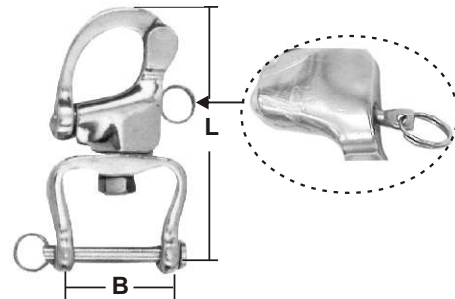
open type allen head captive bolt AISI 316

ITEM NO.	L mm	B mm	Breaking load kg	Weight/g
004217	87(3")	19	3000	150
004218	125(5")	22	4000	408



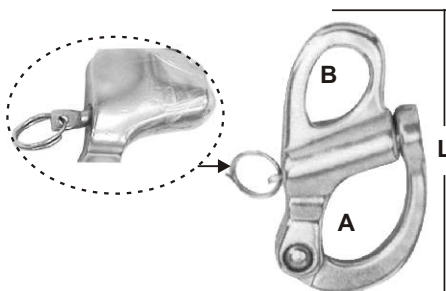
WEB SWIVEL SHACKLES AISI 316

ITEM NO.	A	L	W	Weight/g
	mm	mm	mm	
004231	16mm(5/8")	75mm(3")	30mm(1-3/16")	80
004240	21mm(13/16")	95mm(3-3/4")	40mm(1-9/16")	174



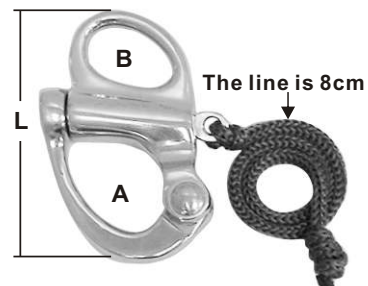
SWIVEL SNAP SHACKLE AISI 316

ITEM NO.	L mm	B mm	Weight/g
004245	135	42	500
004236	92	35	176



FIXED SNAP SHACKLES AISI 316

ITEM NO.	A	B	L	BL/KG	Weight/g
	mm	mm	mm		
001512	12	9	57	1400	36
001516	16	12	70	2000	81
001522	22	16	101	4000	250



FIXED SNAP SHACKLES AISI 316

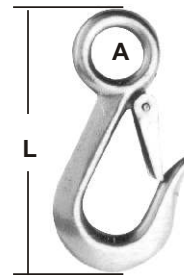
ITEM NO.	A	B	L	BL/KG	Weight/g
	mm	mm	mm		
001517	12	9	57	1400	36
001518	16	12	70	2000	81

HOOK



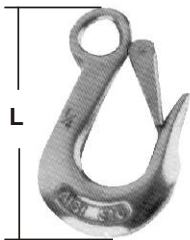
EYE GRAB HOOK AISI 316

ITEM NO.	Size of chain	L mm	BL/KGS	Weight/g
003146	1/4" (6mm)	73(2-7/8")	2000	116
003143	5/16" (8mm)	82(3-1/4")	2300	184
003144	3/8" (10mm)	102(4")	3300	396
003145	1/2" (12mm)	127(5")	3680	650



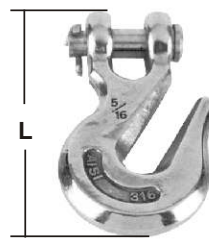
SAFETY HOOK AISI 316

ITEM NO.	A mm	L mm	Weight/g
000603	18(11/16")	85(3-5/8")	90
000604	18((11/16")	100(4")	110
000605	29(1-1/4")	115(4-1/2")	146



EYE SLIP HOOK AISI 316

ITEM NO.	Size of chain	L mm	BL/KGS	Weight/g
002728	1/4" (6mm)	90(3-1/2")	1500	148
002729	5/16" (8mm)	105(4-1/8")	2810	258
002730	3/8" (10mm)	124(5")	3680	464



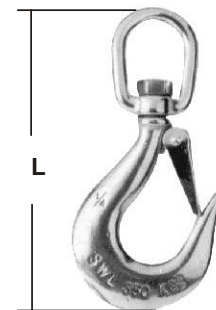
CLEVIS GRAB HOOK AISI 316

ITEM NO.	Size of chain	L mm	BL/KGS	Weight/g
002735	1/4" (6mm)	80(3-1/8")	2300	152
002736	5/16" (8mm)	95(3-3/4")	3600	276
002737	3/8" (10mm)	112(4-1/2")	4600	372
002738	1/2" (12mm)	143(5-5/8")	7300	930



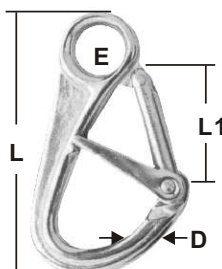
CLEVIS SLIP HOOK AISI 316

ITEM NO.	Size	L mm	Weight/g
002723	1/4" (6mm)	100(4")	212
002724	5/16" (8mm)	110(4-3/8")	346
002725	3/8" (10mm)	130(5-1/8")	595



SAFETY SPRING HOOK AISI 316

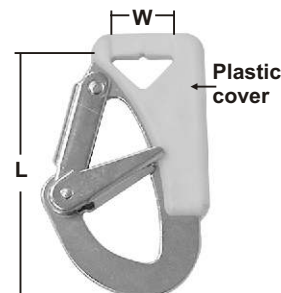
ITEM NO.	Size	Lmm	BL/KGS	Weight/g
000606	1/4" (6mm)	122(4-7/8")	350	206
000607	5/16" (8mm)	143(5-5/8")	650	300
000608	3/8" (10mm)	171(6-3/4")	1000	575



LIFELINE HOOK AISI 316

double locking equipment

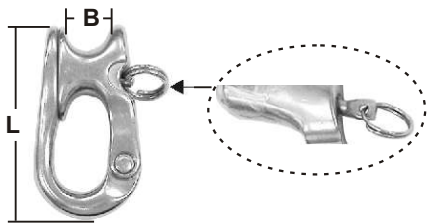
ITEM NO.	D mm	E mm	L1 mm	L mm	Weight/g
002715	10	22	19	110	186



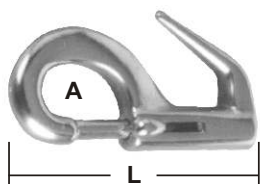
LIFELINE HOOK Stamped AISI 316 with plastic cover

ITEM NO.	L mm	W mm	Weight/g
002716	106	24	

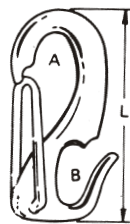
HOOK



SNAP SHACKLE AISI 316			
ITEM NO.	L mm	B mm	Weight/g
001513	52	11	50
001514	65	15	93

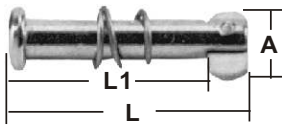


SPRING HOOK casted AISI 316			
ITEM NO.	Amm	Lmm	Weight/g
002349	15	75	70



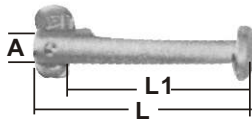
SPRING SNAP OPEN END casted AISI 316				
ITEM NO.	A mm	B mm	L mm	Weight/g
002350	7.5	6.5	50	18
002355	9	8	55	33
002365	11	10	65	55
002380	13	11.5	80	96

PIN



SAFETY CLEVIS PINS WITH SPRING AISI 304

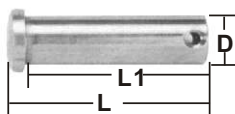
ITEM NO.	L	L1	A	Weight/g
	mm	mm	mm	
000060	26	20	6	6
000061	31	25	6	7
000062	34	25	8	14
000065	43	35	8	18



SWIVEL SAFETY CLEVIS PINS AISI 304

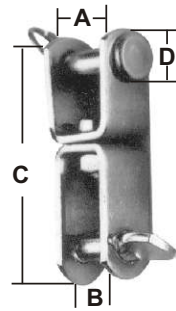
with ratch locking bolt

ITEM NO.	L	L1	A	Weight/g
	mm	mm	mm	
000018	28	20	8	11
000028	34	25	8	14
000038	38	30	8	15
000048	43	35	8	17



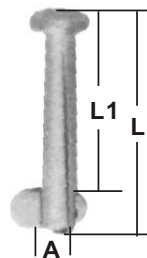
PIN AISI 316

ITEM NO.	D	L	L1	Weight/g
	mm	mm	mm	
000020	5	18	14	3
000021	5	21	17	3
000023	6	20	16	4
000024	6	25	21	6
000025	6	29	25	7
000029	6	36	32	8
000030	6	45	41	10
000031	8	20	17	8
000032	8	25	20	9
000033	8	27	23	10
000034	8	32	28	12
000039	10	30	26	18
000040	12	30	25	30
000041	12	43	40	40



SWIVEL SHACKLE AISI 304

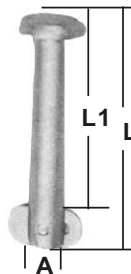
ITEM NO.	A	B	C	D	Weight/g
	mm	mm	mm	mm	
020600	10	10	41	5	19
020601	12	12	47	5	24
020602	14	14	55	6	50



SAFETY CLEVIS PINS AISI 304

with ratch locking bolt

ITEM NO.	L	L1	A	Weight/g
	mm	mm	mm	
000016	20	15	6	5
000026	26	20	6	6
000036	31	25	6	7
000046	56	50	6	12
000056	65	60	6	15



SAFETY CLEVIS PINS AISI 304

with ratch locking bolt

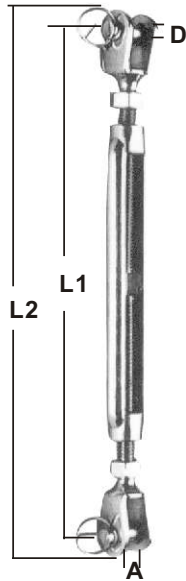
ITEM NO.	L	L1	A	Weight/g
	mm	mm	mm	
000101	35	25	10	22
000201	45	35	10	28
000301	55	45	10	36



QUICK RELEASE PIN AISI 304

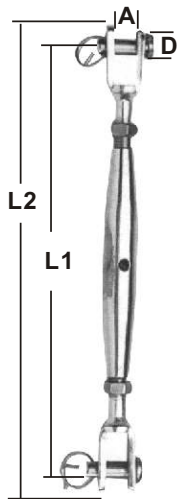
ITEM NO.	Diamm	L mm	Weight/g
000070	Φ5	13(1/2")	4
000071	Φ5	25(1")	5
000072	Φ5	38(1-1/2")	8
000073	Φ6	13(1/2")	5
000074	Φ6	25(1")	8
000075	Φ6	38(1-1/2")	10
000076	Φ6	50(2")	13
000077	Φ8	25(1")	13
000078	Φ8	38(1-1/2")	18
000079	Φ8	50(2")	23
000080	Φ9	25(1")	17
000081	Φ9	38(1-1/2")	29
000082	Φ9	50(2")	30
000083	Φ9	65(2-1/2")	38

TURNBUCKLE



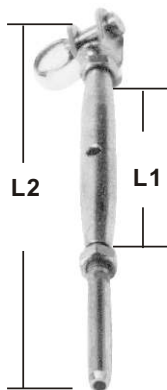
JAW AND JAW open body style AISI 304

ITEM NO.	Thread	L2	L1	A	D	Weight/g
		mm	mm	mm	mm	
008005	M5	190	130	7	5	48
008006	M6	210	140	7	6.5	
008008	M8	240	165	8	8	190
008010	M10	270	190	10	9.5	
008012	M12	360	245	12	12.7	



JAW AND JAW closed body AISI 316

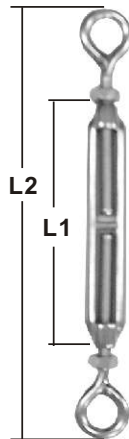
ITEM NO.	Thread	L2	L1	A	D	BL/KGS	Weight/g
		mm	mm	mm	mm		
008105	M5	190	130	7	5	1000	51
008106	M6	210	140	7	6.5	1500	74
008108	M8	240	165	8	8	3000	136
008110	M10	270	190	10	9.5	4300	254
008112	M12	360	245	12	12.7	6500	380



JAW AND SWAGE STUD AISI 316

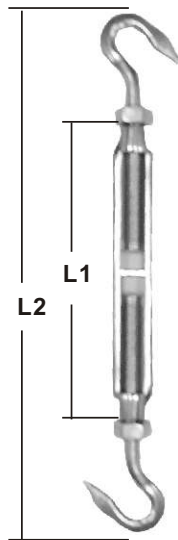
ITEM NO.	Tread	Wire mm	L1 mm	L2 mm	BL/KGS	Weight/g
008405	M5	2.5	155	222	1000	
008406	M6	3.0	185	255	1500	82
008408	M8	4.0	205	305	3000	140
008410	M10	5.0	235	360	4300	210
008412	M12	6.0	290	420	6500	

TURNBUCKLE



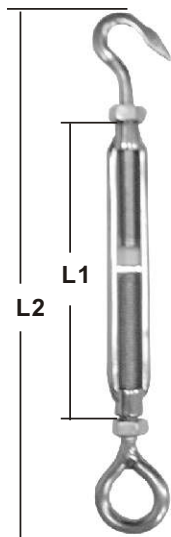
EYE AND EYE AISI 304

ITEM NO.	Tread	L1 mm	L2 mm	Weight/g
008305	M5	52	120	50
008306	M6	66	160	
008308	M8	94	200	188
008310	M10	120	240	320
008312	M12	168	300	



HOOK AND HOOK AISI 304

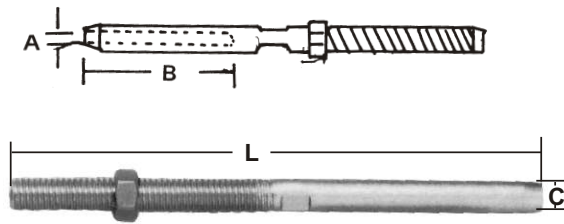
ITEM NO.	Thread	L1 mm	L2 mm	Weight/g
008335	M5	52	125	42
008336	M6	66	220	81
008337	M8	94	290	176
008330	M10	120	360	
008332	M12	168	480	



HOOK AND EYE AISI 304

ITEM NO.	Tread	L1 mm	L2 mm	Weight/g
008313	M5	52	120	43
008314	M6	66	160	84
008315	M8	94	200	184
008316	M10	120	240	
008317	M12	168	300	

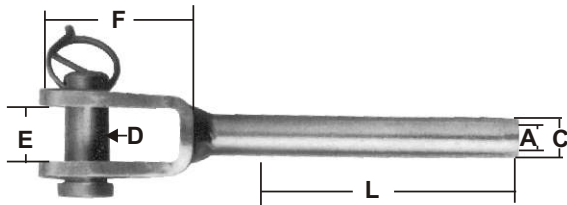
TERMINAL



THREADED SWADGE TERMINAL

with screwed nut AISI 316

ITEM NO.			for wire	A	B	C	L	
	Thread	Φ mm	mm	mm	mm	mm	mm	Weight/g
005205	M5 right	2.5	2.5	30	5	90	12	
005206	M6 right	3	3.3	35	6.3	97	20	
005207	M6 right	4	4.3	45	7.5	110	26	
005208	M8 right	4	4.3	45	7.5	115	40	
005210	M10 right	5	5.3	50	9.0	128	60	
005212	M12 right	6	6.3	65	12.7	162	136	
005213	M16 right	8	8.5	75	16	180	240	
005216	M5 left	2.5	2.5	30	5	90	12	
005217	M6 left	3	3.3	35	6.3	97	20	
005218	M6 left	4	4.3	45	7.5	110	26	
005219	M8 left	4	4.3	45	7.5	115	36	
005220	M10 left	5	5.3	50	9.0	128	63	
005221	M12 left	6	6.3	65	12.7	162	136	
005222	M16 left	8	8.5	75	16	180	240	



FORK TERMINAL AISI 316

ITEM NO.	for wire	A	L	C	D	E	F	
	Φ mm	mm	mm	mm	mm	mm	mm	Weight/g
005303	3	3.3	35	6.3	6	7	17	19
005304	4	4.3	45	7.5	8	9	19	33
005305	5	5.3	50	9.0	10	10	22	57
005306	6	6.3	65	12.7	12	14	29	112
005308	8	8.3	85	16	14	22	43	222



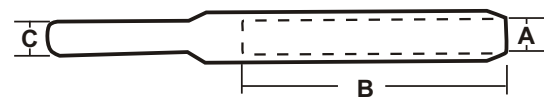
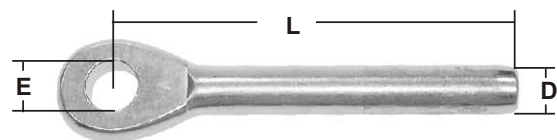
T TERMINAL AISI 316

ITEM NO.	for wire	Φ mm	A mm	L mm	Weight/g
005103	3		3.3	80	19
005104	4		4.3	102	46
005105	5		5.3	104	66
005106	6		6.3	132	
005108	8		8.5	176	



SPLIT RING AISI 304

ITEM NO.	Φ	L mm	Weight/g
000002	2.0	22	0.5
000010	1.5	10	1
000015	1.5	16	2



EYE TERMINAL AISI 316

ITEM NO.	for wire	A	B	C	D	E	L	
	Φ mm	mm	mm	mm	mm	mm	mm	Weight/g
005403	3	3.3	35	4.0	6.2	6.5	55	13
005404	4	4.3	40	6.0	8.0	8.5	65	27
005405	5	5.3	55	7.5	9	10.5	80	42
005406	6	6.3	70	9.0	12	12.5	100	156
005408	8	8.5	85	14	16	16	120	

THIMBLE, WIRE ROPE CLAMP



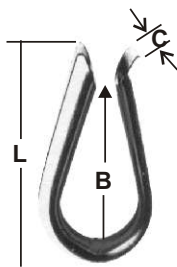
ITEM NO. **000006** AISI 316 Weight: 1090g

SELF MOUNTING GUARD RAIL

This set offering you the opportunity to fix a guardrail with a few simple handgrips. You only need to remove the PVC cover of the wire on both ends at a length of approx. 40mm. Push the dismantled wire into the self mounting terminal and turn in the set screws. After that you turn in the threaded jaws into the mounting terminal. That's all.

The set contains:

- 10 m length of 4mm/7x7 PVC covered wire
- 2 self mounting terminals (1 left thread/1 right thread)
- 2 threaded jaws (1 left thread/1 right thread) with nuts
- 6 hexagon set screws with socket wrench



WIRE THIMBLE AISI 304

ITEM NO.	C mm	B mm	L mm	Weight/g
002603	3	17	25	3
002604	4	20	27	3
002605	5	21	32	6
002606	6	27	38	7
002608	8	31	47	17
002610	10	39	55	27
002612	12	44	64	38
002614	14	51	74	51

THIMBLES nylon

ITEM NO.	Φ mm	Weight/g
070904	4	1
070905	5	2
070906	6	3
070908	8	4
070910	10	8
070912	12	10
070914	14	18
070916	16	23
070918	18	
070920	20	39



WIRE ROPE CLAMP AISI 304

stamped body

ITEM NO.	Φ mm	Thread	Weight/g
002424	4	M4	
002425	5	M5	16
002426	6	M6	26
002428	8	M8	



SELF MOUNTING TERMINAL AISI 316

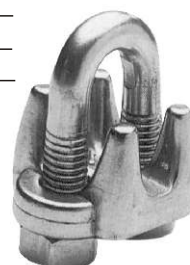
for 3 or 4 mm wire contains terminal jaw nut set screw

ITEM NO.		Weight/g
000007	Left thread	79
000008	Right thread	79



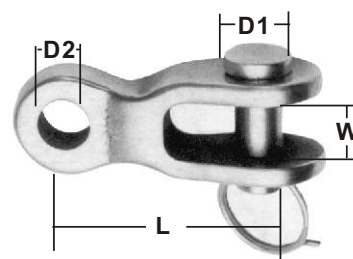
HEAVY DUTY THIMBLE AISI 304

ITEM NO.	Size mm	Weight/g
002643	3	3.8
002644	4	5.3
002645	5	7
002646	6	9.6
002648	8	17.5
002640	10	38
002642	12	49
002654	14	103
002656	16	124
002658	18	160



WIRE ROPE CLAMP AISI 304

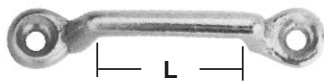
ITEM NO.	Φ mm	Thread	Weight/g
002403	3	M4	5
002404	4	M4	20
002405	5	M6	27
002406	6	M8	38
002408	8	M8	82
002410	10	M10	148
002412	12	M12	246
002414	14	M12	297
002416	16	M12	370



RIGGING SCREW TOGGLES AISI 316

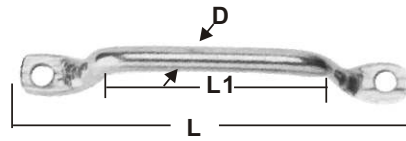
ITEM NO.	W mm	D1 mm	D2 mm	L mm	Weight/g
003622	7	5.0	5.5	22	20
003627	7	6.5	6.5	27	29
003631	8	8.0	8.5	31	75
003636	10	9.5	10.0	36	75
003646	12	11.0	11.5	46	112
003650	14	12.7	13.0	50	145
003660	16	12.7	13.0	60	235

STAPLES, BOLT



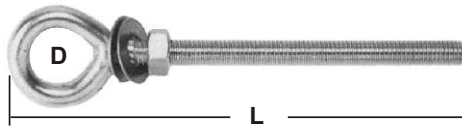
STAPLES

ITEM NO.	L mm	Quality	Weight/g
062120	20	Brass N/P	15
062126	26	Brass N/P	15
062130	30	Brass N/P	17
062136	36	Brass N/P	19
062140	40	Brass N/P	20
008420	20	AISI 316	15
008426	26	AISI 316	16
008430	30	AISI 316	18
008436	36	AISI 316	19
008440	40	AISI 316	19
008450	50	AISI 316	20
008465	65	AISI 316	22



STAPLES AISI 304

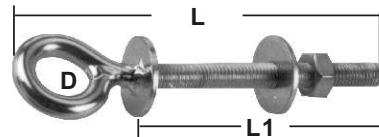
ITEM NO.	L mm	L1 mm	D mm	Weight/g
008575	75	38	5	11
008590	90	50	6	20
008595	95	55	8	36
008567	67	28	8	24



EYE BOLT AISI 304

with 2 washer and 1 nut

ITEM NO.	Thread	L mm	D mm	Weight/g
005060	M6	60	13	20
005080	M6	80	13	24
005100	M6	100	13	28
005110	M8	110	16	56
005130	M8	130	16	59
005131	M10	130	22	108
005150	M10	150	22	110
005165	M12	165	25	190
005185	M12	185	25	200



EYE BOLTS AISI 304

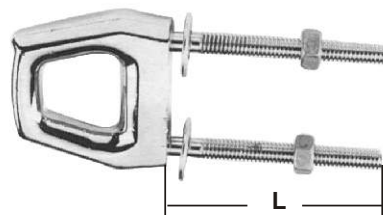
one washer welded on thread

ITEM NO.	Thread	L mm	L1 mm	D mm	Weight/g
005236	M6	60(2-5/16")	30(1-3/16")	13	30
005266	M6	95(3-3/4")	60(2-5/16")	13	31
005238	M8	75(3")	35(1-5/16")	15	68
005288	M8	120(4-3/4")	80(3")	15	71
005250	M10	100(4")	50(1-15/16")	19	112
005200	M10	150(6")	100(3-15/16")	19	135



SINGLE SHACKLE BOW EYE BODY AISI 316

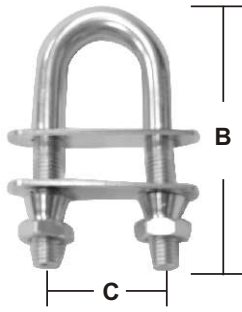
ITEM NO.	L	Thread	Weight/g
005735	3"(75mm)	3/8"	147



3"LONG BOW EYE BODY AISI 316

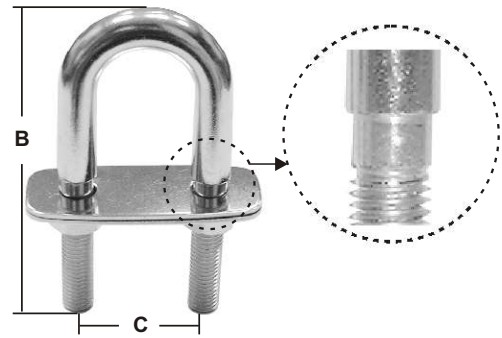
ITEM NO.	L	Thecad	Weight/g
005736	3"(75mm)	5/16"	250

U-BOLT



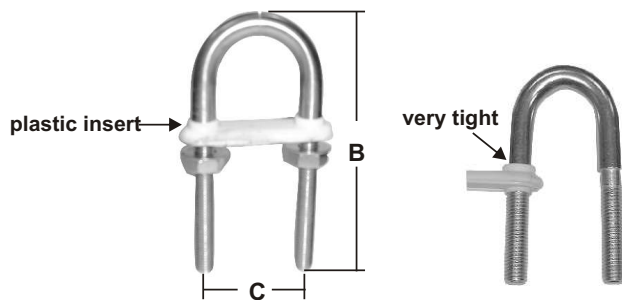
SECURITY U BOLT WITH INVOLABLE NUTS AISI 316

ITEM NO.	Thread	B mm	C mm	Weight/g
005705	M8	100	40	146
005703	M10	100	40	220
005704	M12	120	47	376



U BOLTS AISI 316

ITEM NO.	Thread	B mm	L mm	Weight/g
005739	M8	100	40	140
005740	M10	100	40	214
005741	M12	120	47	354

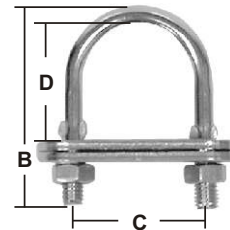


WATER TIGHT U BOLT AISI 304

White color plastic insert stainless steel plate

ITEM NO.	Thread	Bmm	Cmm	Weight/g
005720	M8	100	35	122
005721	M10	130	50	228
005724	M12	150	65	358

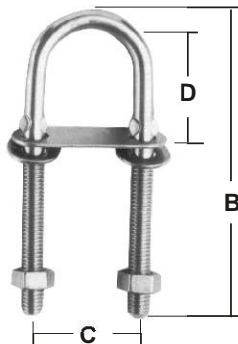
on request AISI 316



U BOLTS AISI 304

ITEM NO.	Thread	B mm	C mm	D mm	Weight/g
005706	M5	43	30	25	20
005746	M6	50	33	32	
005742	M6	45	25	40	25
005743	M8	62	45	57	78
005744	M8	88	62	81	106
005745	M8	94	75	87	118

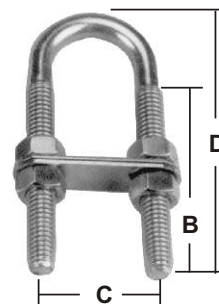
on request AISI 316



U BOLTS AISI 304

ITEM NO.	Thread	B mm	C mm	D mm	Weight/g
005715	M4	60	30	30	14
005716	M5	80	35	30	28
005708	M6	80	35	30	38
005717	M8	60	35	40	59
005709	M8	80	35	35	71
005710	M8	100	35	40	83
005718	M8	130	35	40	102
005711	M10	90	50	40	140
005713	M10	130	50	40	174
005714	M12	150	65	65	295

on request AISI 316

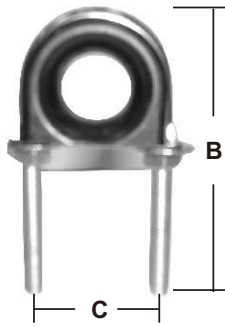


U BOLTS AISI 304 good for U.S.A. market

ITEM NO.	Thread	B	C	D	Weight/g
005725	1/4"	1-1/2"	1-1/2"	3"	45
005723	1/4"	2"	1-5/8"	3"	38
005726	5/16"	2"	1-1/2"	3"	81
005727	5/16"	2-1/2"	1-1/2"	4"	93
005728	3/8"	2-1/2"	1-1/2"	4"	138
005729	3/8"	3-1/2"	1-1/2"	5"	160
005730	3/8"	5"	1-1/2"	7"	204
005731	1/2"	3"	2"	5"	296
005732	1/2"	3-1/2"	2"	7"	370

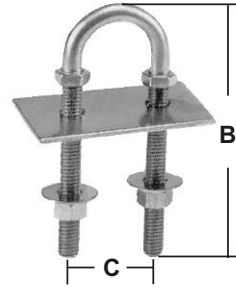
on request AISI 316

HOOK, U-BOLT



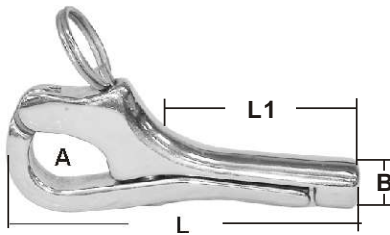
FAIRLEADS AISI 316

ITEM NO.	Thread	B mm	C mm	Fixing mm	Weight/g
005702	M6	80	35	6	52



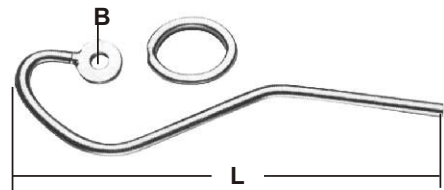
TRANSOM EYE AISI 316

ITEM NO.	Thread	C mm	B mm	Weight/g
005738	5/16"	1-1/2"(38mm)	3"(75mm)	100



PELICAN HOOKS AISI 316

ITEM NO.	L mm	L1 mm	A mm	B mm	Weight/g
003915	76	39	13	M6x9	62
003916	100	48	16	M8x12	126



PELICAN HOOKS AISI 304

ITEM NO.	L mm	B mm	Weight/g
004906	115	6.5	61
004907	105	7	90
004908	220	8	140
004910	260	10	254



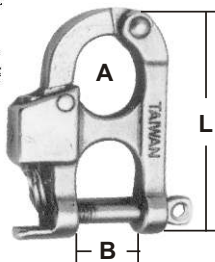
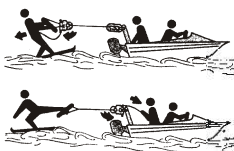
PELICAN HOOKS AISI 316

ITEM NO.	L mm	B mm	Weight/g
003902	91	8	80



PELICAN HOOK AISI 304

ITEM NO.	Weight/g
003903	240

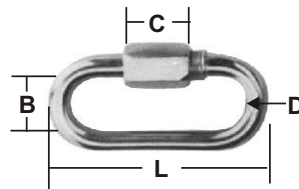


FIXED SNAP SHACKLES AISI 316

for yacht and boat

Utility with captive pin and 5/8" opening mouth

ITEM NO.	A mm	B mm	L mm	Weight/g
003560	15	16	60	77



QUICK LINK AISI 316

ITEM NO.	D mm	L mm	B mm	C mm	BL/KGS	Weight/g
002903	3.5	29	10	4.5	700	
002904	4	32	12	5.5	900	
002905	5	39	13	6.5	1200	
002906	6	45	14	7.5	1600	
002908	8	58	18	9.5	2800	
002910	10	69	22	12	4200	145

HOOK



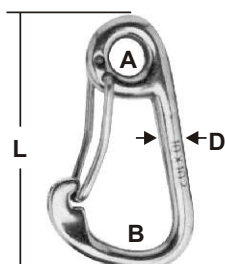
SPRING HOOK WITH EYE EYELET AISI 316

ITEM NO.	Wire dia mm	L mm	Weight/g
002706	6	60	
002708	8	80	72
002710	10	100	134
002711	11	120	194



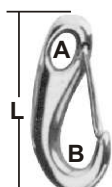
SPRING HOOK with screw AISI 316

ITEM NO.	Size mm
002911	8x80
002900	10x100



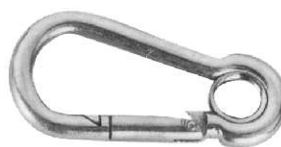
SPRING SNAP

ITEM NO.	A mm	B mm	D mm	L mm	Quality	Weight/g
001906	7	10	6	60	casted AISI 316	
001908	11	13	8	80	casted AISI 316	72
001910	13	15	10	100	casted AISI 316	144
001912	16	21	12	120	casted AISI 316	228
001915	20	30	12	170	casted AISI 316	340
001926	7	10	6	60	forged AISI 304	33
001928	11	13	8	80	forged AISI 304	77
001930	13	15	10	100	forged AISI 304	138
001932	16	21	12	120	forged AISI 304	225



SPRING SNAP AISI 316

ITEM NO.	A mm	B mm	L mm	Weight/g
002050	6	8	50	21
002070	10	12	70	46
002010	13	16	100	158



SNAP HOOK WITH EYE INSERT AISI 316

ITEM NO.	Wire dia mm	Length mm	BL/KGS	Weight/g
002815	5	50	570	
002816	6	60	670	
002817	7	70	750	47
002818	8	80	870	67
002819	9	90		
002820	10	100	1150	98
002821	11	120	1280	
002822	12	140	1350	266



SPRING HOOK AISI 316

ITEM NO.	Wire dia mm	L mm	Weight/g
002825	6	60	28
002826	8	80	67
002827	10	100	132



SPRING HOOK AISI 316

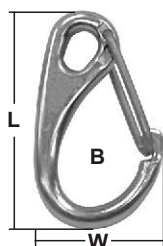
ITEM NO.	Wire dia mm	L mm	BL/KGS	Weight/g
002805	5	50	570	
002806	6	60	670	
002807	7	70	750	43
002808	8	80	870	
002810	10	100	1150	
002811	11	120	1280	



SPRING SNAP AISI 316

ITEM NO.	L mm	Weight/g
002175	75	44
002110	100	160

HOOK



SPRING SNAP Casted AISI 316

ITEM NO.	L mm	W mm	B mm	Weight/g
001911	95	55	37	120



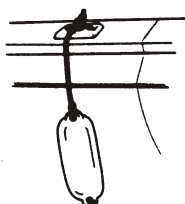
061001



061003

HOOK brass N/P

ITEM NO.	LxW mm
061001	51x34
061003	40x17



FENDER HOOK AISI 304

stainless steel with heavy duty plastic

ITEM NO. Weight/g

071401 13

on request AISI 316



FENDER HOOK ADJUSTABLE AISI 304

stainless steel with heavy duty plastic max line size:6mm(1/4")

ITEM NO. Weight/g

071402

on request AISI 316



FENDER LOCK AISI 316

The one-way locking peg provides secure. Allows the use of up to 12.5mm(1/2") Dia line.

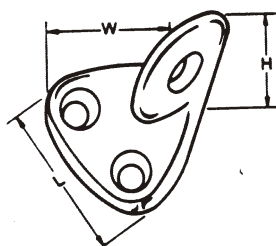
ITEM NO. Base Weight/g

003010 75x35mm(3"x1-5/8") 42



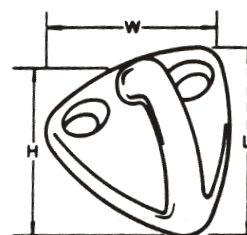
LASHING HOOK For 8mm rope

ITEM NO.	L mm	W mm	Quality	Weight/g
003012	42	20	AISI 316	18



AWNING HOOK

ITEM NO.	H mm	L mm	W mm	Quality	Weight/g
003002	21	30	26	AISI 316	19
060625	19	25	23	brass N/P	18



FENDER HOOK

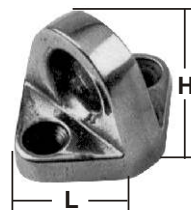
ITEM NO.	H mm	L mm	W mm	Quality	Weight/g
003011	19	27	27	AISI 316	17
060530	19	30	30	brass N/P	18

HOOK



SNAP HOOK

ITEM NO.	L mm	W mm	Quality	Weight/g
003001	30	33	AISI 316	40
003013	38	30	AISI 316	50
060410	41	34	brass N/P	45



FENDER HOOK casted AISI 316

ITEM NO.	L mm	H mm	Weight/g
003007	30	27	53



FENDER HOOK casted AISI 316

Max rope size: 3/8" use #6

ITEM NO.	Weight/g
003000	40



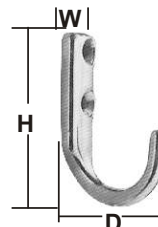
HOOK casted AISI 316

ITEM NO.	D mm	W mm	H mm	Weight/g
003135	25	28	25	16
003136	32	36	33	33



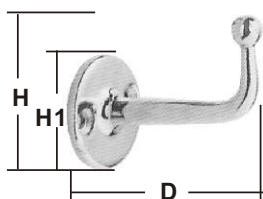
HOOK casted AISI 316

ITEM NO.	D mm	W mm	H mm	Weight/g
003139	22	9	39	9
003140	30	10	34	17



HOOK casted AISI 316

ITEM NO.	D mm	W mm	H mm	Weight/g
003133	26	12	40	16
003134	32	15	54.5	34



HOOK casted AISI 304

ITEM NO.	D mm	H mm	H1 mm	Weight/g
003137	47	37	28	33
003138	65	44	35	68



HOOK casted AISI 316

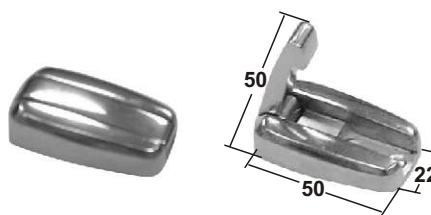
ITEM NO.	L mm	W mm	Weight/g
003131	70(2-3/4")	45(1-3/4")	49

HOOK



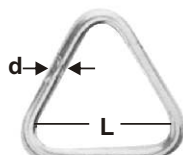
2 BAR MOVEABLE HOOKS casted AISI 316

ITEM NO.	L mm	W mm	Weight/g
003130	63(2-1/2")	38(1-1/2")	125



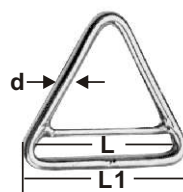
FOLDING COAT HOOK Casted AISI 316

ITEM NO.	Weight/g
003163	71



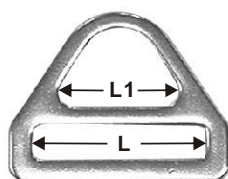
RING AISI 304

ITEM NO.	L mm	d mm	Weight/g
001240	50	6	30
001270	50	8	73



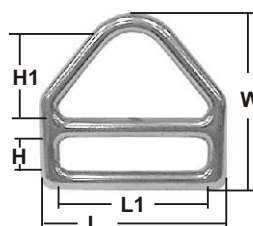
RING AISI 304

ITEM NO.	L1 mm	L mm	d mm	Weight/g
002560	60	50	6	47



TRIANGLE SLIDE stamped AISI 304

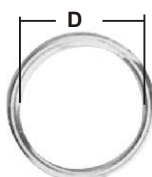
ITEM NO.	L mm	L1 mm	Thickness mm	Weight/g
002561	48	33	2	18



TRIANGLE WITH BAR stamped AISI 316

thickness:6mm

ITEM NO.	L mm	L1 mm	H mm	H1 mm	W mm	Weight/g
002564	58	45	10	26	26	65



ROUND RING AISI 304

ITEM NO.	D mm	Weight/g	ITEM NO.	D mm	Weight/g
004100	Φ 3x20	4	004115	Φ 6x40	32
004101	Φ 3x25	4.9	004116	Φ 6x45	35
004102	Φ 3x30	5.8	004120	Φ 8x40	59
004103	Φ 4x25	9	004121	Φ 8x45	46
004104	Φ 4x30	10.5	004122	Φ 8x50	71
004105	Φ 4x35	12	004123	Φ 8x55	77
004107	Φ 5x25	15	004129	Φ 9x50	92.5
004108	Φ 5x30	17	004131	Φ 9x60	110
004109	Φ 5x35	19.3	004133	Φ 10x60	136
004113	Φ 6x30	25	004135	Φ 12x60	200
004114	Φ 6x35	28.5	004136	Φ 12x80	258

on request AISI 316



TRAPEZE QUICK RELEASE HOOK AISI 304

A simple patented release mechanism detaches the hook from the harness in critical situations. Can be fitted to any harness. Includes spreader bar, retaining clip, release line.

ITEM NO.	L mm	W mm	Weight/g
000001	270	25	390

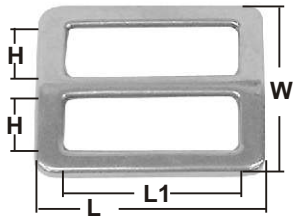


TRAPEZE QUICK RELEASE HOOK AISI 304

A simple patented release mechanism detaches the hook from the harness in critical situations. Can be fitted to any harness. Includes spreader bar, retaining clip, release line.

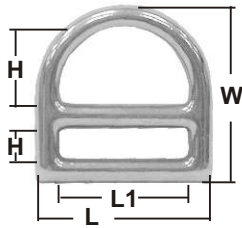
ITEM NO.	L mm	W mm	Weight/g
000003	300	42	250

RING



WEBBING SLIDES stamped AISI 316

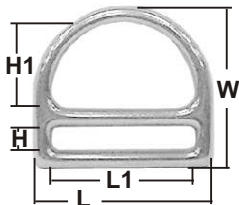
ITEM NO.	L mm	L1 mm	H mm	W mm	Thickness
002568	61	44	13.5	48	6 mm



D RING stamped AISI 316

Thickness:8mm

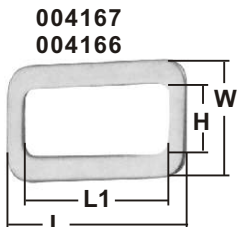
	L	L1	H	H1	W	
ITEM NO.	mm	mm	mm	mm	mm	Weight/g
002565	61	44	10	25	61	121



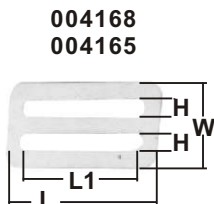
D RING stamped AISI 316

Thickness:6mm

	L	L1	H	H1	W	
ITEM NO.	mm	mm	mm	mm	mm	Weight/g
002566	57	45	7	26	51	60



004167
004166

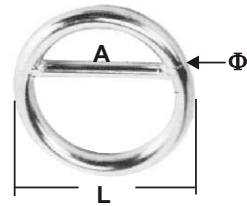


004168
004165

RECTANGULAR WEBBING SLIDES AISI 304

ITEM NO.	Fits webbing mm	L1 mm	L mm	H mm	W mm	Thickness mm	Weight/g
004167	25(1")	26	34	13	22	2.0	6
004166	50(2")	51	65	22	40	3.0	36
004168	25(1")	26	34	4	22	2.0	10
004165	50(2")	51	65	7	32	3.0	31

on request AISI 316



ROUND RING WITH BAR AISI 304

ITEM NO.	L mm	A mm	Φ mm	Weight/g
004163	84	16	12	232
004162	104	23	12	286



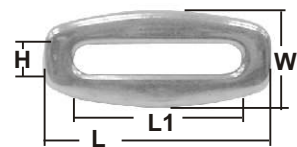
RING INJECTION MOLDED NYLON

ITEM NO.	Φ mm	inside dia mm	Weight/g
071203	8	31	
071204	12	44	23



D RING AISI 304

ITEM NO.	D mm	Weight/g
004172	Φ4x25	9
004173	Φ5x32	16
004174	Φ6x50	26
004175	Φ8x50	76
004176	Φ5x50	26



D RING stamped AISI 316

Thickness:4mm

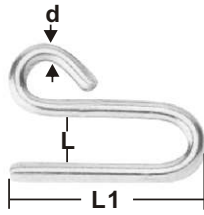
	L	L1	H	W	
ITEM NO.	mm	mm	mm	mm	Weight/g
002567	58	42	7	25	



RECTANGULAR WEBBING LOOP AISI 304

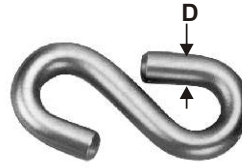
ITEM NO.	Fits webbing mm	Weight/g
004170	25(1")	Φ5
004171	50(2")	Φ6 19

HOOK, STRAP



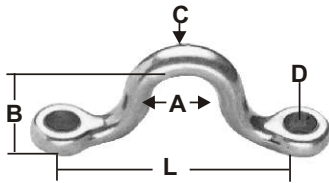
S HOOK AISI 304

ITEM NO.	d mm	L1 mm	L mm	Weight/g
004022	5	50	9	16
004023	6	60	12	32
004024	8	75	18	77
004025	9	87	20	



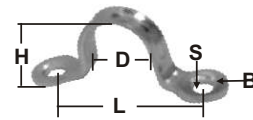
S HOOK AISI 304

ITEM NO.	D mm	Over Length mm	Weight/g
004005	5	50	16
004006	6	60	29
004008	8	75	62
004009	9	70	87



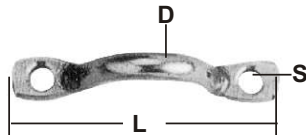
PAD EYE casted AISI 316

ITEM NO.	L mm	A mm	B mm	C mm	D mm	Weight/g
003003	81	23	26	10	10	75
003004	35	11	9	5	5	10
003005	37	10	13	5	5	10
003006	44	12	16	6	6	16
003008	59	16	21	8	8	40



SHEET EYE STRAP AISI 304

ITEM NO.	B mm	D mm	S mm	H mm	L mm	Thickness mm	Weight/g
003240	9	11	4.2	12	28	1.5	3
003242	12	20	5.2	19	44	2.0	5



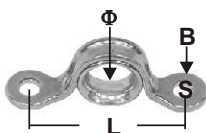
WIRE EYE STRAP AISI 304

ITEM NO.	D mm	L mm	B mm	S mm	Weight/g
003104	4	41	10	3.5	5
003105	5	50	18	4.2	9
003106	6	60	22	5.0	14
003108	8	63	24	6.0	26



SHEET EYE STRAP AISI 304

ITEM NO.	D mm	L mm	B mm	S mm	Weight/g
003237	11	37	13	4	3
003246	15	46	15	5	6
003256	20	56	21	5.5	9



STRAP WITH EYE AISI 304

ITEM NO.	L mm	B mm	S mm	Φ mm	Weight/g
003238	37	13	4	8	
003239	46	15	5	10	

CLIP



SKI RING AISI 304

ITEM NO.	L mm	D mm	Thread	Weight/g
008362	100	45	M10	290
008363	115	64	M12	560

on request AISI 316



FLAT CLIPS AISI 304

ITEM NO.	wire	Φ mm	Weight/g
009603	3	single	6
009604	4	single	11
009605	5	single	24
009610	6	single	27
009611	8	single	47
009613	3	double	12
009614	4	double	21
009615	5	double	28
009616	6	double	53
009618	8	double	94

009608 009607 009606



WIRE CLAMP die cast body steel screw

ITEM NO.		LxWxH mm	Weight/g
009606	1/8"(3mm)	28x16x10.5	23
009607	3/16"(5mm)	30x17x11	28
009608	1/4"(6mm)	35x23x13.5	54



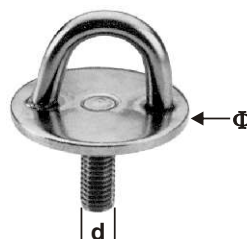
CHAIN LINK

ITEM NO.	For chain	Φ mm	Quality	Weight/g
020006	6	(1/4")	Galvanized	
020008	8	(5/16")	Galvanized	
020010	10	(3/8")	Galvanized	
020012	12	(1/2")	Galvanized	
002306	6	(1/4")	AISI 316	16
002308	8	(5/16")	AISI 316	82
002310	10	(13/32")	AISI 316	87



EYE PLATE stamped AISI 304

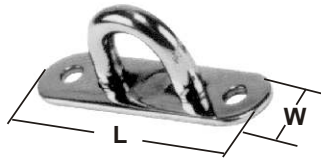
ITEM NO.	Φ mm	Thickness mm	Weight/g
003643	33	2.5	22
003644	40	2.5	35
003645	50	3.0	68



EYE PLATE with thread stamped AISI 304

ITEM NO.	Φ mm	d mm	Weight/g
003665	33	M6	26
003666	40	M8	42
003667	50	M10	80

EYE PLATE



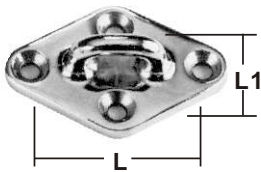
EYE PLATE stamped AISI 304

ITEM NO.	L mm	W mm	Fasteners	Weight/g
003633	45(1-49/64")	15(5/8")	#10	15
003634	60(2-23/64")	20(25/32")	#10	33
003635	80(3-5/32")	25(1")	#1/4"	67
003632	100(4")	32(1-17/64")		124



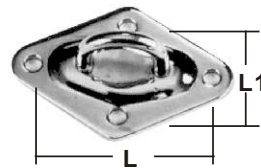
EYE PLATE casted AISI 316

ITEM NO.	L mm	W mm	Weight/g
003647	75(3")	21(53/64")	64
003648	88(3-1/2")	32(1-17/64")	116
003649	100(4")	36(1-27/64")	198



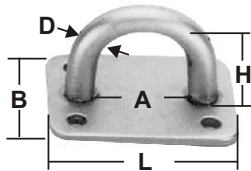
EYE PLATE casted AISI 316

ITEM NO.	L mm	L1 mm	Thickness mm	Weight/g
003619	60(2-3/8")	30(1-1/4")	7(1/4")	133
003620	77(3")	40(1-9/16")	7(1/4")	230



EYE PLATE stamped AISI 304

ITEM NO.	L mm	L1 mm	Thickness mm	Weight/g
003639	50(2")	26(1-1/32")	2.5	31
003637	67(2-5/8")	38(1-1/2")	3.0	47
003638	80(3-1/8")	43(1-11/16")	3.0	79



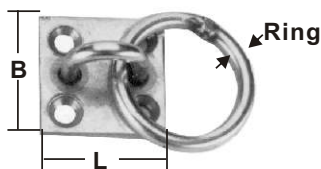
EYE PLATE stamped AISI 304

ITEM NO.	A mm	B mm	D mm	H mm	L mm	Weight/g
003605	16	30	5	17	35	25
003606	20	35	6	23	40	41
003608	22	40	8	27	50	67
003610	25	50	10	40	60	142
003611	25	70	10	40	70	190
003612	36	55	12	44	75	206



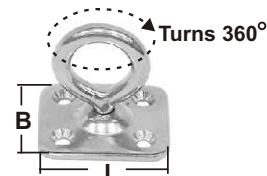
EYE PLATE WITH RING stamped AISI 304

ITEM NO.	L mm	L1 mm	Ring	Weight/g
003642	50(2")	26(1-1/32")	Φ5x30	48
003640	67(2-5/8")	38(1-1/2")	Φ6x35	75
003641	80(3-1/8")	43(1-11/16")	Φ8x45	144



ROUND RING WITH PLATE stamped AISI 304

ITEM NO.	L mm	B mm	Ring mm	Weight/g
003600	35	30	Φ5x30	44
003601	40	35	Φ6x35	64
003602	50	40	Φ8x45	128
003603	60	50	Φ9x50	224
003604	70	70	Φ8x80	300
003607	75	55	Φ12x60	430



EYE WITH PLATE stamped AISI 304

ITEM NO.	L mm	B mm	Weight/g
003663	35	30	
003664	40	35	
003668	50	40	

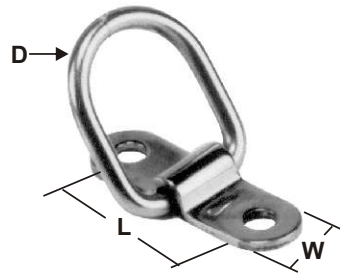
CLAMP, EYE PLATE



HINGE PAD EYE stamped AISI 304

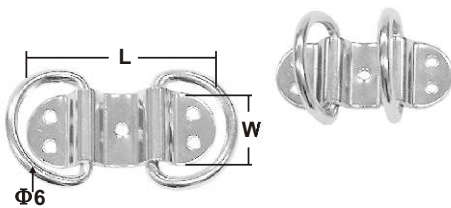
D-ring folds flat when not in use

ITEM NO.	Ring I.D.	D mm	Weight/g
003609	26mm x 38mm x Φ 6mm	3	95
003613	26mm x 38mm x Φ 8mm	3	120
003614	45mm x 38mm x Φ 8mm	4 heavy duty	186



HINGE PAD EYE stamped AISI 304

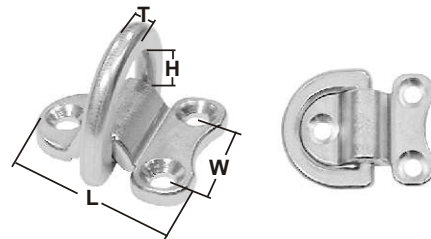
ITEM NO.	L mm	I.D. Ring mm	W mm	D mm	Weight/g
003630	35	25	16	5	33



DOUBLE FOLDING PAD EYE stamped AISI 304

Folds flat to the deck when it is not in use.

ITEM NO.	L mm	W mm	Weight/g
003626	77	32	97



PAD EYE AISI 316

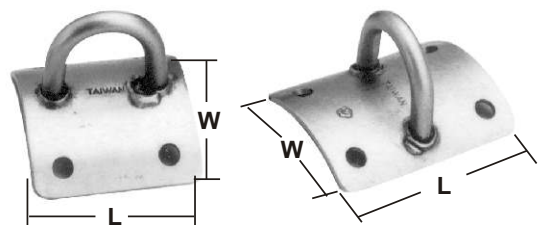
ITEM NO.	W mm	L mm	H mm	T mm	Weight/g
003651	28	39	14	6	56
003652	28	52	18	6	93
003653	35	64	20	8.5	168



FOLDING PAD EYE AISI 316

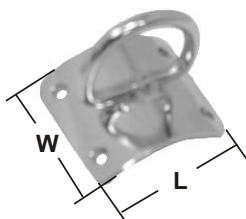
Fold down when not in use double ring

ITEM NO.	Ring	Breaking load	Weight/g
003661	6mm	2700 kg	
003662	8mm	4500 kg	280



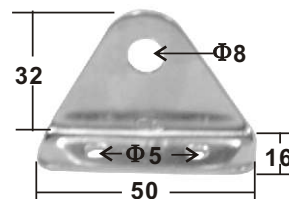
EYE PLATE stamped AISI 304

ITEM NO.	L mm	W mm	Weight/g
004400	46.5	42	38
004401	51	39	32



EYE PLATE stamped AISI 304

ITEM NO.	L mm	W mm	Weight/g
004402	46.5	42	38
004403	39	51	32



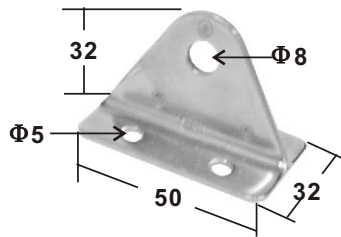
SHROUD PLATE stamped AISI 304

ITEM NO. Weight/g

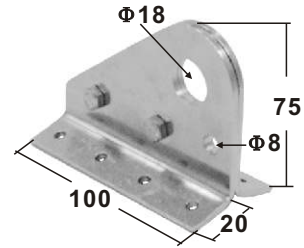
004300 18

on request AISI 316

CLAMP, EYE PLATE



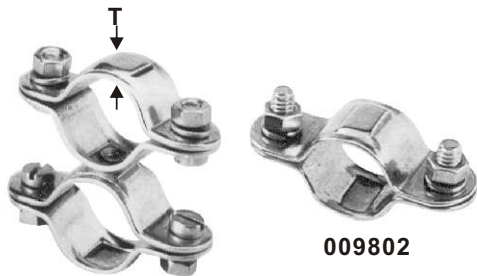
SHROUD PLATE stamped AISI 304
ITEM NO. Weight/g
004301 37
on request AISI 316



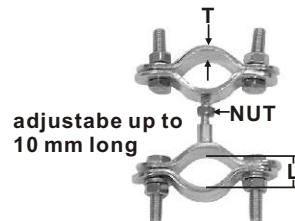
SHROUD PLATE stamped AISI 316
Thickness:3mm
ITEM NO. Weight/g
004309 304



CLAMP casted AISI 316
Useful to mount heavy equipment
ITEM NO. To fit tube mm Weight/g
009681 30 210



CLAMP stamped AISI 304
ITEM NO. Φ mm T mm Weight/g
009800 25 1.5 with swivel double 108
009801 25 1.5 double fixed 88
009802 25 1.5 single 43



SWIVEL CLAMP stamped AISI 304
can adjust
ITEM NO. L mm T mm Weight/g
009807 19~25 3 154



CLAMPS FOR TUBE stamped AISI 304
ITEM NO. For tube Weight/g
009635 25mm 36
009637 30mm 40



CLIP FOR TUBE stamped AISI 304
ITEM NO. Φ mm Weight/g
009803 25 19
009804 25 22

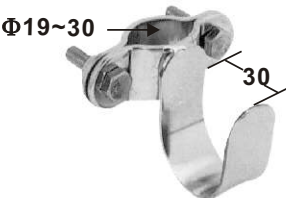
CLAMP



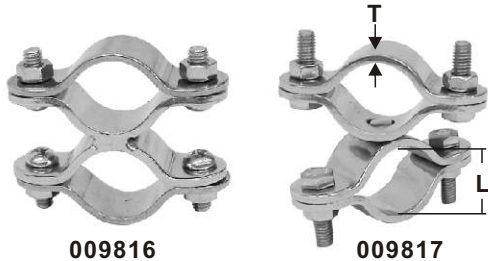
CLAMP WITH NUT stamped AISI 304
ITEM NO. L mm Weight/g
009818 19~30 78
on request AISI 316
Note:available with nut M5, M6,M8



RAIL FITING stamped AISI 304
Fit up Φ 30 mm tube.
ITEM NO. Weight/g
009834 98



BOAT HOOK HOLDER
stamped AISI 304
ITEM NO. Weight/g
007911 132



CLAMP stamped AISI 304
ITEM NO. L mm T mm Type Weight/g
009816 19~30 3 fixed 144
009817 19~30 3 swivel 148

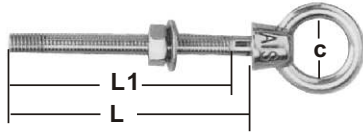


CLAMP WITH RING stamped AISI 304
ITEM NO. Φ mm Ring Weight/g
009824 25 Φ 5x30 88



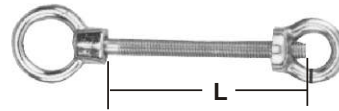
RAIL MOUNT HOLDER AISI 304
it fit Φ 25mm pole and length 105mm
ITEM NO. Weight/g
007912 138

BOLT, BOW EYE



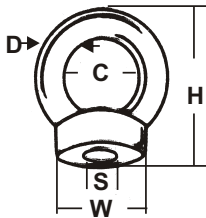
BOW EYE RING AISI 316

ITEM NO.	Thread	L mm	L1 mm	C mm	Weight/g
005840	M6	40	36	16	30
005860	M6	60	56	16	33
005861	M6	80	76	16	120
005808	M8	80	76	20	69
005810	M8	100	96	20	155
005811	M10	100	96	30	130
005812	M12	120	110	30	240



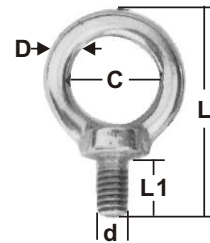
BOW EYE RING AISI 316

ITEM NO.	Thread	L mm	Weight/g
005800	M6	60	40
005801	M8	80	177
005802	M10	96	290
005803	M12	110	435



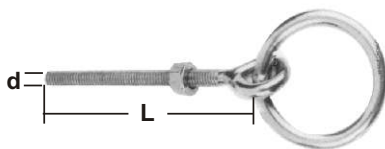
RING NUT AISI 316

ITEM NO.	S	D	C	W	H	BL/KG	Weight/g
		mm	mm	mm	mm		
004706	M6	6	14	17	27	1500	20
004700	M8	6	14	17	27	1500	20
004701	M8	8	19	22	36		50
004702	M10	8	23	28	36		92
004703	M10	10	23	28	46		92
004704	M12	10	30	34	56	2830	142
004705	M12	12	30	34	56	2830	180



EYE BOLT AISI 316

ITEM NO.	Size	D	C	d	L1	L	BL/KG	Weight/g
		mm	mm	mm	mm	mm		
004806	6	6	16	M6	14	41	1300	18
004808	8	6.5	20	M8	14	48	1450	30
004810	10	8	23	M10	17	57	2000	58
004812	12	10	30	M12	21	73	2800	105



RING BOLT AISI 304

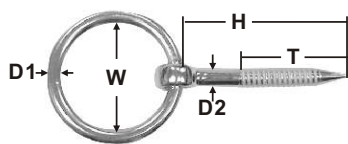
ITEM NO.	Ring	d mm	L mm	Weight/g
001806	Φ6x35	M6	80	52
001808	Φ8x45	M8	110	
001810	Φ9x50	M10	130	190
001812	Φ12x60	M12	165	



RING BOLT with wood screw AISI 316

ITEM NO.	Ring	Thread mm	Weight/g
001813	Φ6x35	6	57
001814	Φ8x45	8	118
001815	Φ9x50	10	192

HANDLE



WOOD SCREW WITH RING AISI 316

ITEM NO.	D1	D2	H	T	W	Weight/g
	mm	mm	mm	mm	mm	
001825	6	6	55	32	30	35
001826	8	8	60	40	50	95
001827	10	10	80	55	60	190



SCREW EYES AISI 316

Eye with screw thread is ideal for balustade ends into wooden poles and for other applications

ITEM NO.	C	Length	Thread Length	D	Weight/g
	mm	mm	mm	mm	
001820	6	55	32	6	12
001821	8	60	40	8	27
001822	10	80	55	10	47



HANDLE brass N/P

ITEM NO.	Length mm	Weight/g
061110	100	59



HANDLE precision casted AISI 316

ITEM NO.	L	H	Weight/g
002216	142mm(5-5/8")	30mm(1-1/8")	143



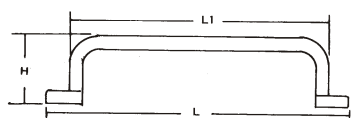
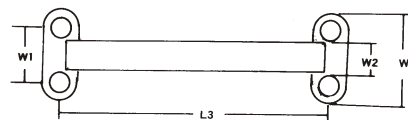
TRANSOM HANDLE precision casted AISI 316

ITEM NO.	Length mm	Height mm	Weight/g
002214	150(6")	35(1-3/8")	200



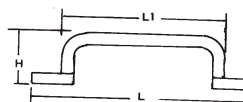
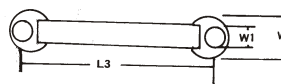
HANDLE precision casted AISI 316

ITEM NO.	Length mm	Height mm	Weight/g
002211	105(4-1/8")	30(1-1/4")	73



HANDLE casted AISI 316 mirror finish

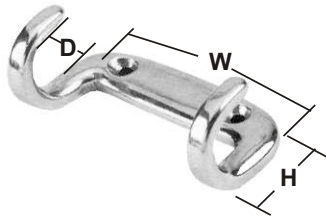
ITEM NO.	L	L1	L3	W1	H	W	W2	Weight/g
	mm	mm	mm	mm	mm	mm	mm	
002212	120	102	106	24	27	36	12	97
002215	150	126	132	30	33	45	15	155



HANDLE casted AISI 316 mirror finish

ITEM NO.	L	L1	L3	H	W	W1	Weight/g
	mm	mm	mm	mm	mm	mm	
002265	65	48	57	16	13	7	20
002280	80	64	72	20	14	8	33
002210	100	75	88	25	18	10	48

ANGLE, HANDLE



HOOK precision casted AISI 316

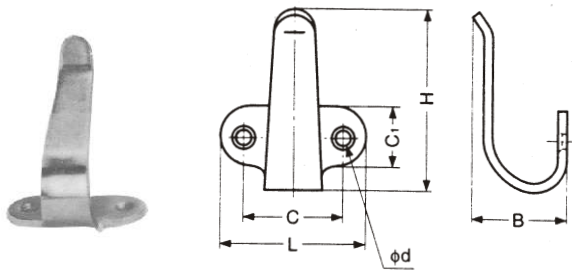
ITEM NO.	D mm	H mm	W mm	Weight/g
003141	25	36	65	52
003142	32	44	80	100



DRAWER KNOBS AISI 316

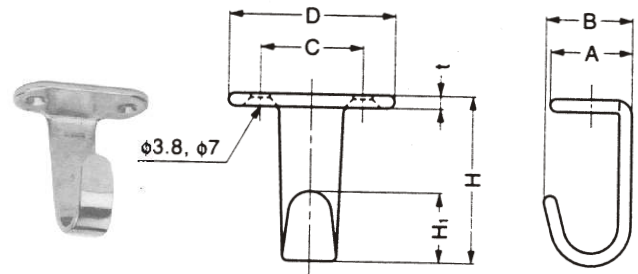
with 1" screw

ITEM NO.	Dia	Weight/g
006926	1"(25.4mm)	25



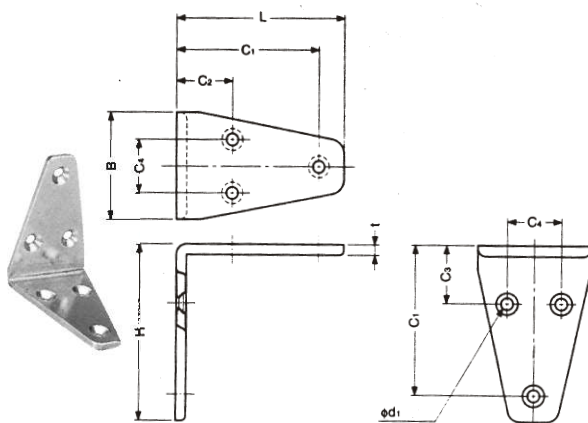
HOOK stamped AISI 304

ITEM NO.	L	C	C1	H	B	d	Weight/g
003200	35	21.5	16	44	23	4	17
003201	43	30	18	36	25	4	31



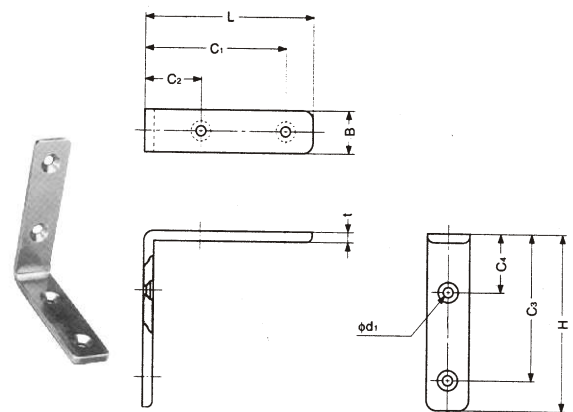
HOOK stamped AISI 304

ITEM NO.	D	C	H	H1	A	B	Weight/g
003210	32.4	20	32.5	14	16	17	17
003211	43	30	47.5	22	21	22	32



ANGLES stamped AISI 304

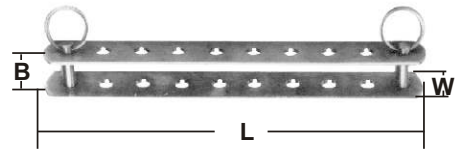
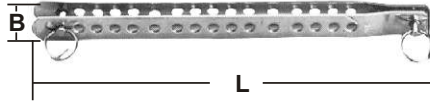
ITEM NO.	L	C1	C2	C3	C4	B	H	t	d1	Weight/g
003160	41	35	18	18		25	41	3	3.3	31
003161	56	47.5	18.5	18.5	17	36.5	56	3	3.8	59
003162	80	71	24	24	27	52	80	3	4.3	122



ANGLES stamped AISI 304

ITEM NO.	L	C1	C2	C3	C4	B	H	t	d1	Weight/g
003164	31	25	12	25	12	12	31	3	3.5	15
003165	46	38	18	38	18	13	46	3	3.5	25
003166	61	51	21	51	21	15	61	3	4	37

SAIL HARDWARE

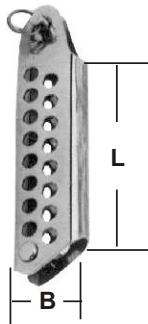


STAY ADJUSTER PLATER AISI 316

ITEM NO.	L mm	B mm	Bolt mm	Weight/g
005610	100	15	5	37
005615	155	15	5	56
005620	200	15	5	66

STAY ADJUSTER PLATER AISI 316

ITEM NO.	L mm	B mm	Bolt mm	W mm	Thickness	Weight/g
005600	166	20	6	15	mm	83
005601	180	25	8	20	mm	170
005602	200	25	10	25	mm	
005603	230	32	12	32	mm	354
005604	272	19	11	38	4mm	

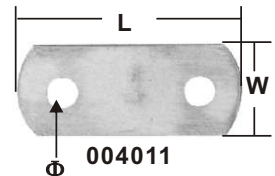
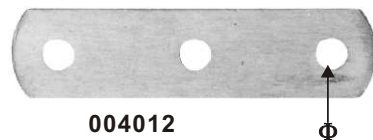
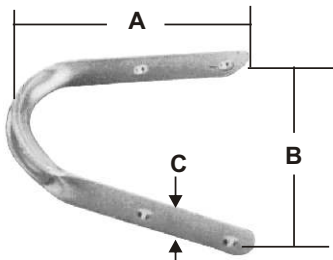


STAY ADJUSTER PLATER AISI 316

ITEM NO.	L	B	Adjustment	Thickness	Bolt	Weight/g
	mm	mm	increment(mm)	mm	mm	
006918	64	9	3	1.5	5	37
006919	80	10	5	2.0	6	66

STAY ADJUSTER PLATER AISI 316

ITEM NO.	L mm	B mm	Bolt mm	Weight/g
006914	104	15	5	37
006913	135	20	6	88
006917	170	20	8	110

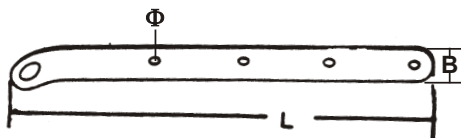


BOOM STRAPS AISI 316

ITEM NO.	A mm	B mm	C mm	Weight/g
007212	50	52	12	23
007216	75	60	16	30

PLATE AISI 316

ITEM NO.	L mm	W mm	Φ mm	Weight/g
004011	50	21	6	15
004012	80	21	6	25
004013	70	21	6	19



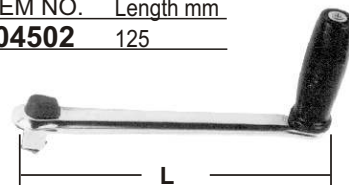
SHROUD PLATE AISI 316

ITEM NO.	L	B	Φ	Thickness	Weight/g
	mm	mm	mm	mm	
007351	51	20	6.5	1.5	13
007325	125	20	9.5	2.0	34
007305	205	20	9.5	1.5	58



DECK FILL KEY AISI 316

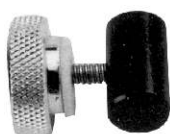
ITEM NO.	Length mm
004502	125



WINCH HANDLE AISI 316

ITEM NO.	L mm	Weight/g
004500	230(9")	390
004501	255(10")	420

SAIL HARDWARE



SAIL TRACK STOPS

Internal portion of stop

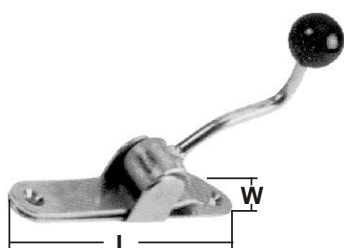
ITEM NO.	L	Φ	Weight/g
006922	22mm(7/8")	13mm(1/2")	41



SAIL TRACK STOPS AISI 304

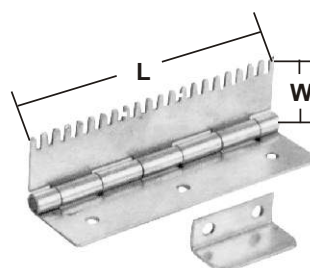
Keep your sail and slides on the mast for easy stowing and greater control.

ITEM NO.	L	W	Thickness mm	Weight/g
006925	25mm(1")	16mm(3/4")	3	43



TILLER CLAMP AISI 304 stamped

ITEM NO.	L mm	W mm	Weight/g
009813	105	20	150



TILLER COMB AISI 304 stamped complete set

ITEM NO.	L mm	W mm	Weight/g
009814	150	35	252



SPINNAKER POLE HOLDER AISI 316

ITEM NO.	Ring I.D.mm	Weight/g
007990	90mm(3-5/16")	332
007993	90mm(3-5/16") with plastic clipper	480



SPINNAKER POLE HOLDER AISI 316

ITEM NO.	Ring I.D.mm	to Fit Tube Φ mm	Weight/g
007991	90(3-5/16")	25(1")	366
007992	90(3-5/16")	up to 32(1-1/8")	



POLE HOLDER AISI 304

for Φ25mm tube

ITEM NO.	Weight/g
007989	



SPINNAKER POLE HOLDER AISI 304

for Φ25mm tube Ring Φ90mm

ITEM NO.	Weight/g
007994	

SAIL HARDWARE



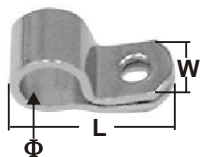
POLE HOLDER AISI 304
for Φ 25mm tube
ITEM NO. Weight/g
007999 160



SPI POLE FITTINGS stamped AISI 316
ITEM NO. Weight/g
007996 for tube Φ 25mm Aluminium tube 96
007997 for tube Φ 32mm Aluminium tube 98
007998 for tube Φ 32mm Wooden pole 102



CUNNINGHAM HOOKS AISI 316
with wide flare and parallel eye.
ITEM NO. Length Eye dia Stock dia Weight/g
mm mm mm
004307 65(2-9/16") 11(7/16") 6(1/4") 31
004308 95(3-11/16") 16(5/8") 8(5/16") 80



DEAD END BAILS AISI 304
attach any where a dead end is
needed for extra purchase.
ITEM NO. L mm W mm Φ mm Weight/g
004316 26 11 9
004317 38 16 13



TERMINAL EYE STRAP AISI 316
use as dead end on end fitting trip lines.
ITEM NO. Weight/g
004304



GATE STOPS AISI 304
held in place with set screw
ITEM NO. Wire size mm Weight/g
005438 3(1/8")
005439 4(5/32")

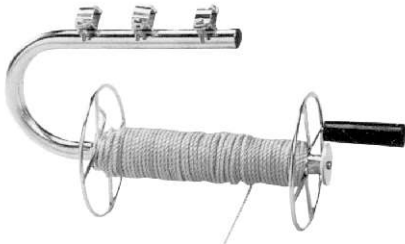


TRACK SLIDE AISI 304
ITEM NO. L mm W mm Weight/g
004311 24 19 8
004312 29 23 10



MAST HOLDER stamped AISI 304
ITEM NO. Weight/g
003908 1820

SAIL HARDWARE



REEL FOR SAFETY LINE AISI 304
with approx 110 meters cord for recure-body
horizontal mount

Roll over all 160mm

Width 440mm

High of over all 220mm

ITEM NO. Weight/g

003724 2160



REEL FOR SAFETY LINE AISI 304
with approx 110 meters cord for recure-body
vertical mount

Roll over all 160mm

Width 440mm

High of over all 220mm

ITEM NO. Weight/g

003731 1700



STERN ANCHOR ROLLER AISI 304
mounting for $\Phi 22\text{mm}$ & 25mm rail tube with belt

ITEM NO.	Φ	Belt Length	Belt Width	Weight/kg
003790	34cm	30m	34mm	5
003791	38cm	50m	34mm	6



WIND INDICATOR AISI 316
ball bearing reflective foil

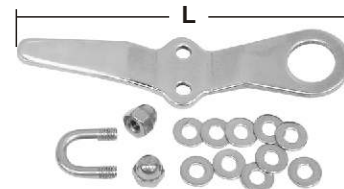
ITEM NO.	Length	Hight	Weight/g
001000	350mm	354 mm	500



MAST STEP AISI 304
With non-slip pad, solid rod Dia $\Phi 8\text{mm}$

ITEM NO. Length Width Height

003520 130mm 70mm 140mm



SHROUD CLEAT AISI 316

This cleat attaches easily to 4~10mm (5/32"~3/8" dia) wire or rod shrouds an has an eye for attaching a shackle. Compatible with riggings.

ITEM NO. L mm

003864 110(4.3")



SAIL FEEDER WITH WIRE

ITEM NO. **004313**



REEFING HOOK AISI 316

ITEM NO. Length Width

007919 85mm 90mm

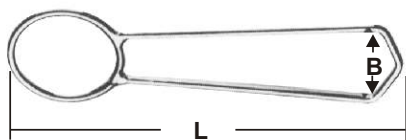
DINGHY PARTS



TRAPEZE HANDLE
stainless frame with plastic handle
ITEM NO. Weight/g
072202 78



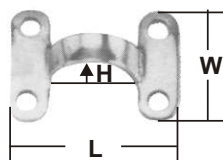
TRAPEZE RINGS WITH BLOCK AISI 304
The length 143mm for 5mm dia rope
ITEM NO. Weight/g
072200 60



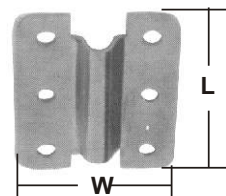
TRAPEZE RING AISI 304
ITEM NO. L mm B mm Weight/g
004635 200 35 65
on request AISI 316



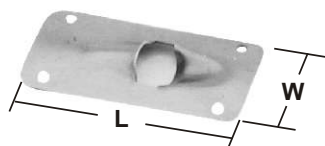
TRAPEZE HANDLE plastic
ITEM NO. Weight/g
072201 46



MOUNTING PLATE stamped AISI 304
ITEM NO. L mm W mm H mm Weight/g
004342 42 30 12 9



MOUNTING PLATE AISI 304
ITEM NO. L mm W mm Weight/g
004346 58 46 19



HALYARD EXIT PLATES AISI 304
stamped
ITEM NO. LmmxWmm Type Weight/g
003707 88x32(3-1/2"x1-1/4") curved 30
003708 88x32(3-1/2"x1-1/4") flat 30
003709 117x51(4-5/8"x2") flat 120
003715 117x51(4-5/8"x2") curved 120

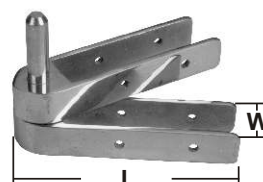


BOLT THROUGH UNIVERSAL AISI 304
ITEM NO. **012030**

FOLDING BRACKET, STEP PLATES



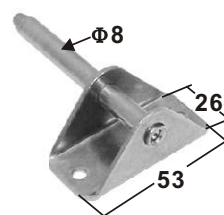
BOLT THROUGH UNIVERSAL AISI 304
ITEM NO. **012031**



RUDDER GUDGEONS casted AISI 316			
ITEM NO.	L mm	W mm	Weight/g
008725	125(5")	25(1")	556
008730	125(5")	30(1-3/16")	520
008735	150(6")	35(1-3/8")	840
008740	150(6")	40(1-37/64")	950
008750	170(6.7")	50(2")	1410
008760	170(6.7")	60(2-23/64")	1890



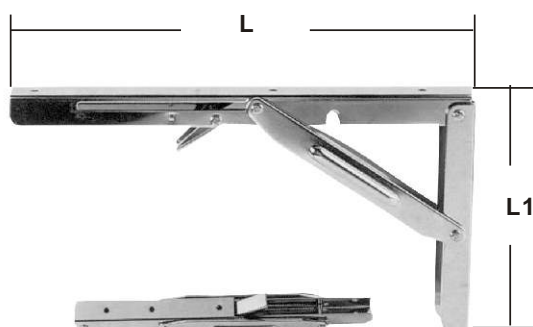
TILLER CONNECTIONS AISI 304
ITEM NO. Weight/g
012038 50



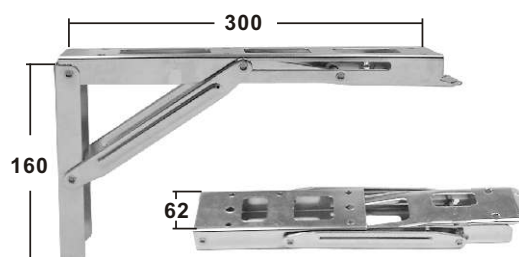
RIGED STERNBRAKET AISI 304
ITEM NO. Weight/g
012039 60



ITEM NO. **006130**
TABLE BRACKET-RAILING ASSEMBLY stainless steel
Folding bracket for tables and working plates. Very stable, load up to 150kg. The set consists of 2 brackets, 4 clips (22~25mm pipe) and 4 screw with nuts



FOLDING BRACKET stamped AISI 304
ITEM NO. L L1 Weight/g
006028 303mm(12") 165mm(6-1/2") 490



HEAVY DUTY FOLDING BRACKET AISI 304
Folding fitting for tables, and seats made in stainless steel very stable and heavy endure 150kg to the clips for 25mm pipes.
ITEM NO. Weight/g
006085 680

BATH BAR, ROPE CUTTER, RUBBER TENSION RING



STEP PLATES injection mold rubber
stamped AISI 304

ITEM NO.	LmmxWmm	Weight/g
003502	212x57(8-3/8"x2-1/4")	82
003503	215x86(8-15/32"x3-3/8")	130



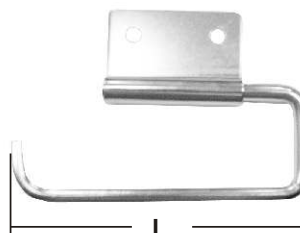
STYLIZED STEP PLATES stamped AISI 304
injection molded oval rubber inserted

ITEM NO.	L mmxW mm	Weight/g
003504	212x57(8-3/8"x2-1/4")	110
003505	224x86(8-13/16"x3-3/8")	174



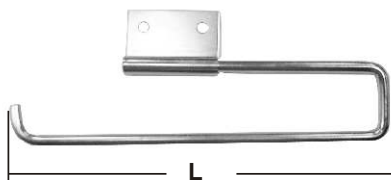
EMERGENCY ROPE CUTTER stainless steel

ITEM NO.	inside Φ mm	Weight/g
005525	25	260
005530	30	242
005536	35	206
005537	40	178



BATH FIXTURES TISSUE BAR AISI 304

ITEM NO.	L mm	Weight/g
005500	140(5-1/2")	210



BATH FIXTURES TOWEL BAR AISI 304

ITEM NO.	L mm
005501	200(10-1/4")



ADJUSTABLE RUBBER TENSION RING

ITEM NO.	L mm	W mm	W1 mm	Color	Weight/g
050033	280	50	30	black	60
050034	280	50	30	white	60

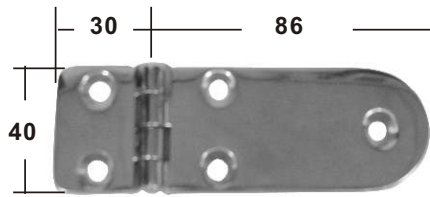


RUBBER TIE DOWN

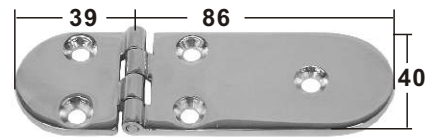
Mold natural rubber/Zinc plated hooks

ITEM NO.	Length	Weight/g
004310	10"(25.4cm)	66
004315	15"(38.1cm)	79
004321	21"(53.3cm)	90
004331	31"(78.7cm)	112

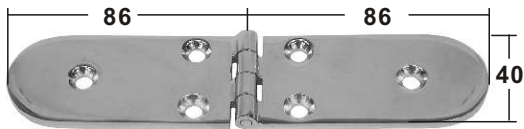
HEAVY DUTY HINGES



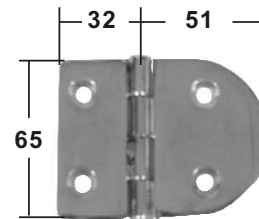
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness		
	mm	mm	Weight/g	
008603	40x118(1-9/16"x4-5/8")	4	138	



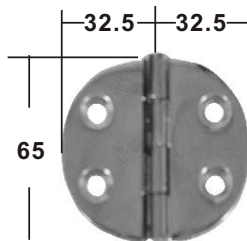
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008684	40x125(1-9/16"x5")	4	reverse	145
008685	40x125(1-9/16"x5")	4		145



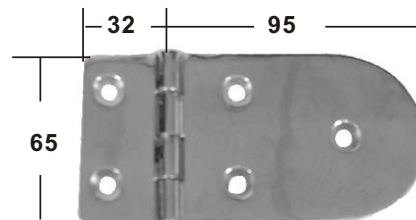
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008686	40x172(1-9/16"x6-3/4")	4	reverse	209
008687	40x172(1-9/16"x6-3/4")	4		209



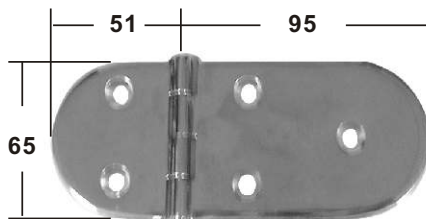
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness		
	mm	mm	Weight/g	
008605	65x83(2-9/16"x3-1/4")	4	152	



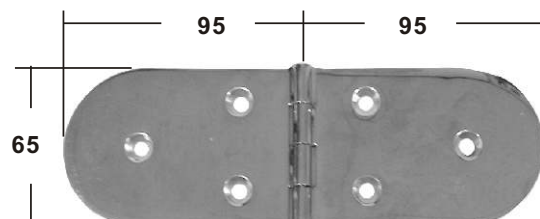
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008604	65x65(2-9/16"x2-9/16")	4		107
008682	65x65(2-9/16"x2-9/16")	4	reverse	107



HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness		
	mm	mm	Weight/g	
008606	65x127(2-9/16"x5")	4	251	

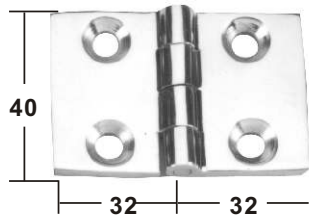


HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness		
	mm	mm	Weight/g	
008607	65x146(2-9/16"x5-3/4")	4	278	



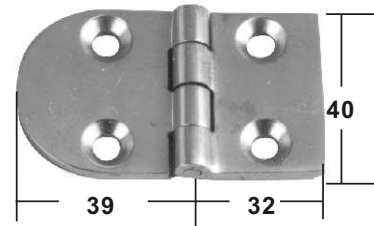
HINGE precession casted AISI 316				
ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008608	65x180(2-9/16"x5-3/4")	4		378
008611	65x180(2-9/16"x5-3/4")	4	reverse	378

HEAVY DUTY HINGES



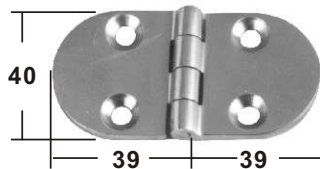
HINGE precision casted AISI 316

ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008602	40x64(1-9/16"x2-1/2")	4.5		80
008683	40x64(1-9/16"x2-1/2")	4.5	reverse	80



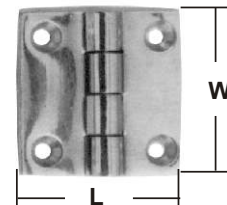
HINGE precision casted AISI 316

ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008600	40x71(1-9/16"x2-5/8")	4.5		74
008680	40x71(1-9/16"x2-5/8")	4.5	reverse	74



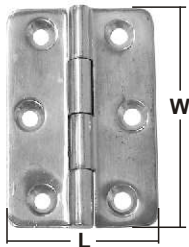
HINGE precision casted AISI 316

ITEM NO.	WxL	Thickness	Type	Weight/g
	mm	mm		
008601	40x78(1-9/16"x3")	4.5		89
008681	40x78(1-9/16"x3")	4.5	reverse	89



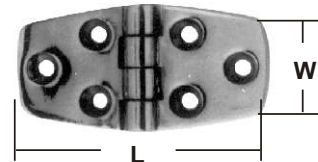
BUTT HINGE precision casted AISI 316

ITEM NO.	WxL	Thickness	Weight/g
	mm	mm	
008539	38x38(1-1/2"x1-1/2")	4.5	53
008540	50x50(2"x2")	4.5	89



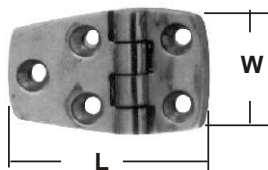
BUTT HINGE precision casted AISI 316

ITEM NO.	WxLmm	Thickness
008541	75x50(3"x2")	3 mm



DOOR HINGE precision casted AISI 316

ITEM NO.	WxL	Thickness	Weight/g
	mm	mm	
008738	38x103(1-1/2"x4")	4.5	119
008739	38x75(1-1/2"x3")	4.5	89



DOOR HINGE precision casted AISI 316

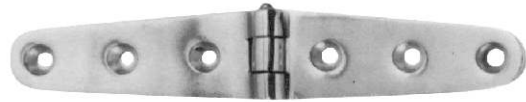
ITEM NO.	WxL	Thickness	Weight/g
	mm	mm	
008660	38x60(1-1/2"x2-3/8")	4.5	69
008676	38x73(1-1/2"x3")	4.5	84

HEAVY DUTY HINGES



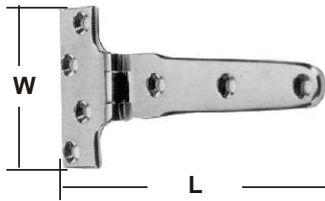
STRAP HINGE precision casted AISI 316

ITEM NO.	Size	Thickness	Type	Weight/g
	mm	mm		
008825	105x28(4-1/8"x1-1/8")	4.5		72
008824	105x28(4-1/8"x1-1/8")	4.5	reverse	72



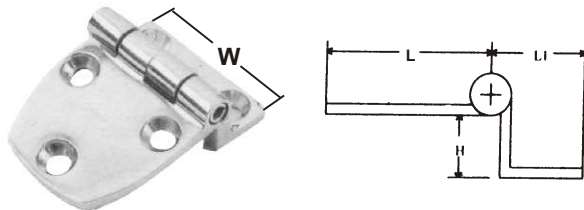
STRAP HINGE precision casted AISI 316

ITEM NO.	Size	Thickness	Weight/g
	mm	mm	
008828	160x28(6-1/4"x1-1/8")	4.5	110



HEAVY DUTY T-STRAP HINGE casted AISI 316

ITEM NO.	Size	Fassterer	Weight/g
	mm		
008804	W54xL100(2-1/8"x4")	#12	89
008806	W75xL152(3"x6")	#10	158
008808	W98xL197(3-7/8"x7-3/4")	#10	252

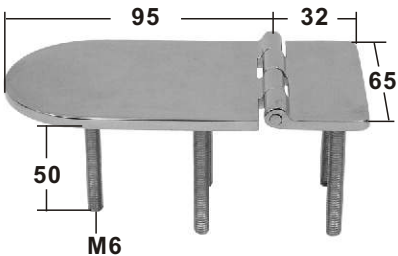


SHORT SIDE OFFSET HINGE casted AISI 316

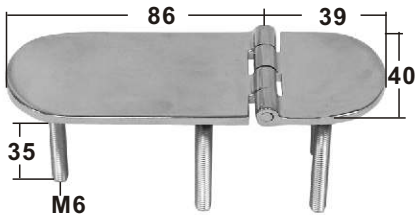
thickness:4.5mm

ITEM NO.	L mm	L1 mm	W mm	H mm	Weight/g
006029	38(1-1/2")	19(3/4")	38(1-1/2")	10(3/8")	78
006030	57(2-1/4")	19(3/4")	38(1-1/2")	10(3/8")	95

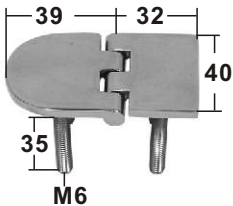
HEAVY DUTY HINGES WITH THREAD



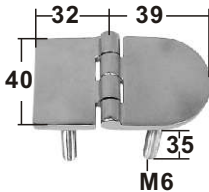
HINGE WITH THREAD precesion casted AISI 316
ITEM NO. WxL mm Thickness mm Weight/g
008620 65x125(2-9/16"x5") 4 320



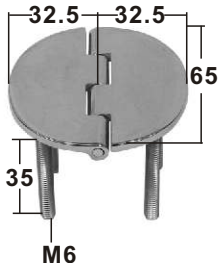
HINGE WITH THREAD precesion casted AISI 316
ITEM NO. WxL mm Thickness mm Weight/g
008621 40x125(1-9/16"x5") 4 182



HINGE WITH THREAD precesion casted AISI 316
Reverse
ITEM NO. WxL mm Thickness mm Weight/g
008622 40x69(1-9/16"x2-3/4") 4 114



HINGE WITH THREAD precesion casted AISI 316
ITEM NO. WxL mm Thickness mm Weight/g
008623 40x69(1-9/16"x2-3/4") 4 114

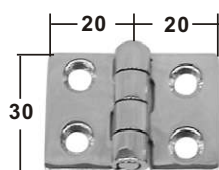


HINGE WITH THREAD precesion casted AISI 316
Reverse
ITEM NO. WxL mm Thickness mm Weight/g
008624 65x65(2-9/16"x2-9/16") 4 138



HINGE WITH THREAD precesion casted AISI 316
ITEM NO. WxL mm Thickness mm Weight/g
008625 65x65(2-9/16"x2-9/16") 4 138

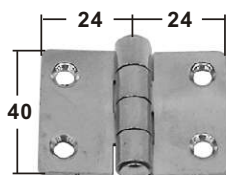
HINGES



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Type Weight/g

006093	1.5		
006094	1.5	reverse	

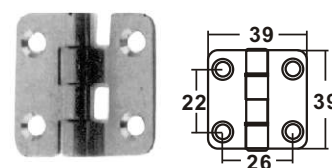
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Type Weight/g

006117	2		
006118	2	reverse	

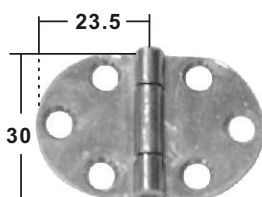
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Weight/g

006037	2	35
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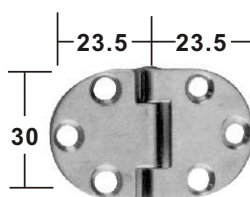
on request AISI 316



HINGE stamped AISI 304 buff polished
ITEM NO. Thickness
mm Weight/g

006062	1.5	18
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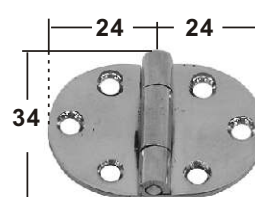
on request 2mm AISI 316



HINGE stamped AISI 304 buff polished, reversed
ITEM NO. Thickness
mm Weight/g

006020	1.5	18
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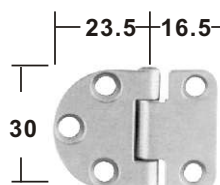
on request 2mm AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Type Weight/g

006121	1.5		20
006122	1.5	reverse	20

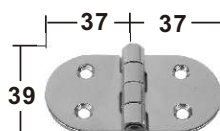
on request AISI 316



HINGE stamped AISI 304 buff polished
ITEM NO. Thickness
mm Weight/g

006048	1.5	15
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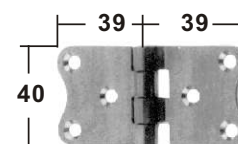
on request 2mm AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Weight/g

006070	2	53
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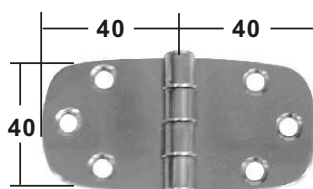
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Type Weight/g

006078	2		56
006119	2	reverse	56

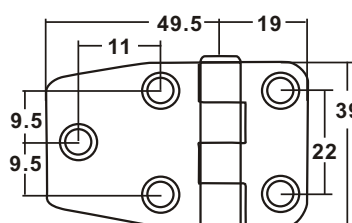
on request AISI 316



HINGE stamped AISI 304 buff polished
ITEM NO. Thickness
mm Weight/g

006071	2	57
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on request AISI 316



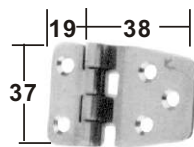
STAMPED AISI 304 buff polished
ITEM NO. Thickness
mm Type Weight/g

006063	2		52
006087	2	reverse	52

on request AISI 316



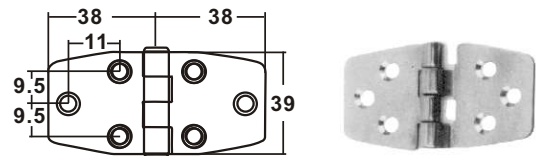
HINGES



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006337	2		45
006338	2	reverse	45

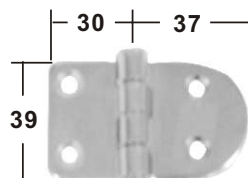
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006072	2		54
006086	2	reverse	54

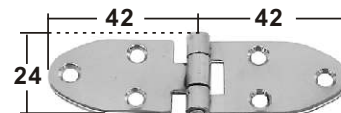
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006055	2		49

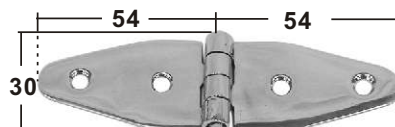
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006123	1.5		22
006124	1.5	reverse	22

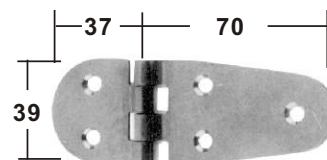
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006127	1.5		34
006128	1.5	reverse	34

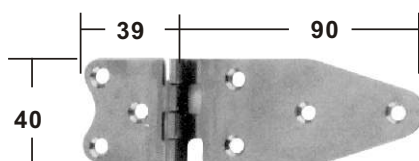
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006010	2		67
006056	2	reverse	67

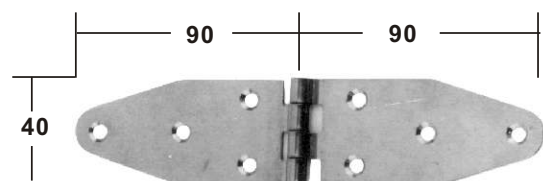
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006012	2		80
006032	2	reverse	80

on request AISI 316

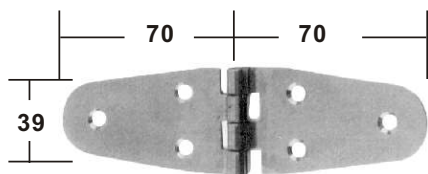


STAMPED AISI 304 buff polished
ITEM NO. Thickness

	mm	Type	Weight/g
006018	2		102
006031	2	reverse	102

on request AISI 316

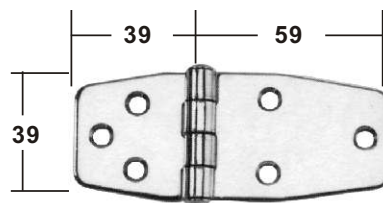
HINGES



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Type	Weight/g
006014	2 mm		81
006054	2 mm	reverse	81

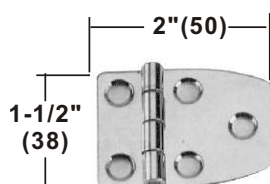
on request AISI 316



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006027	2 mm	65

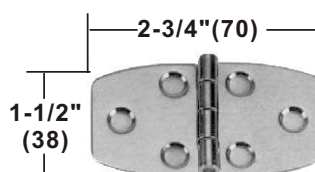
on request AISI 316



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006044	1.5 mm	26

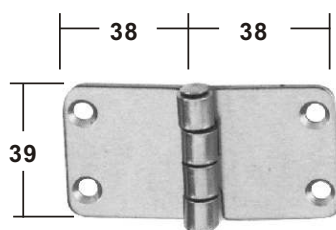
on request AISI 316



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006046	1.5 mm	32

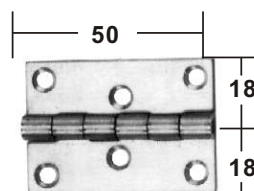
on request AISI 316



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006008	2 mm	58

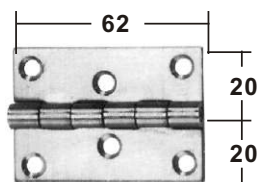
on request AISI 316



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006006	1.5 mm	30

on request AISI 316

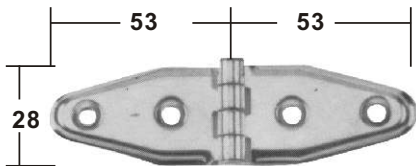


STAMPED AISI 304 buff polished

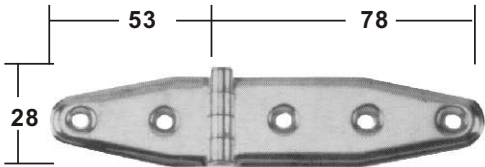
ITEM NO.	Thickness	Weight/g
006007	1.5 mm	39

on request AISI 316

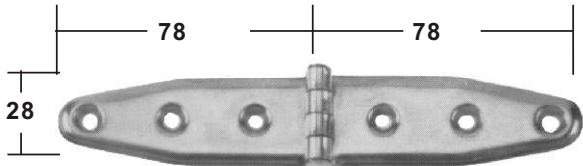
HINGES



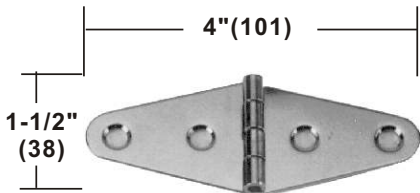
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006000 1.5 mm 39
on request AISI 316



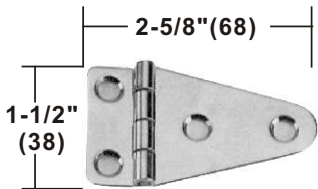
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006016 1.5 mm 47
on request AISI 316



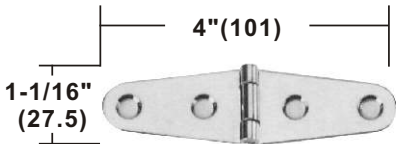
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006005 1.5 mm 56
on request AISI 316



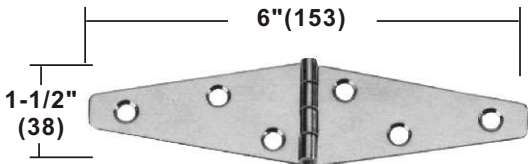
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006041 1.5 mm 36
on request AISI 316



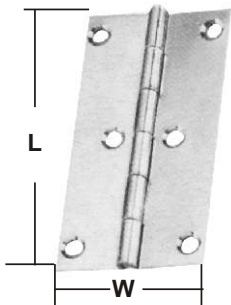
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006043 1.5 mm 28
on request AISI 316



STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006040 1.5 mm 28
on request AISI 316

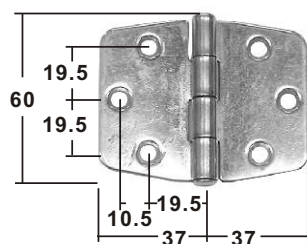


STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006042 1.5 mm 56
on request AISI 316

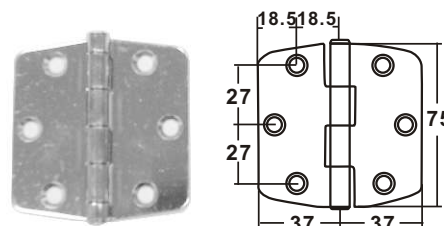


STAMPED AISI 304 buff polished
W Thickness L
ITEM NO. mm mm mm Weight/g
006125 31 1.5 50 28
006015 54 1.5 100 80
on request AISI 316

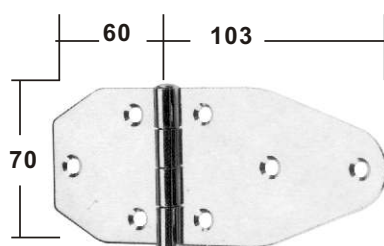
HINGES



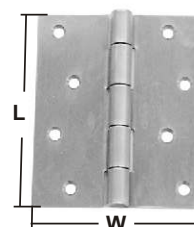
HINGE stamped AISI 304 buff polished
ITEM NO. Thickness Weight/g
006009 2 mm 84
on request AISI 316



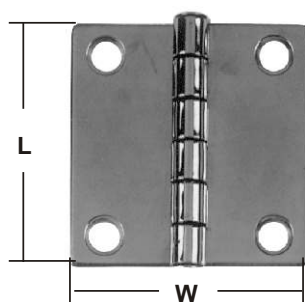
FLUSH DOOR HING stamped AISI 304 buff polished
ITEM NO. Thickness Type Weight/g
006004 2 mm 105
006088 2 mm reverse 105
on request AISI 316



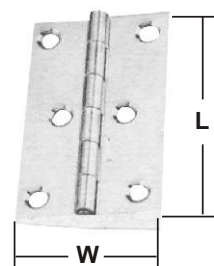
STAMPED AISI 304 buff polished
ITEM NO. Thickness Weight/g
006080 2 mm 170
on request AISI 316



HING stamped AISI 304
ITEM NO. L mm W mm Thickness Weight/g
008829 80(3-1/8") 100(4") 2 mm 164
008837 100(4") 100(4") 3 mm 294
008843 120(4-3/4") 100(4") 3 mm 354
on request AISI 316

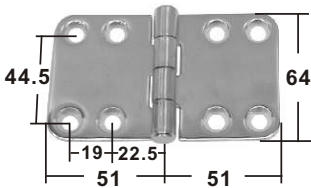


BUTT HINGE stamped AISI 304 thickness:1.5mm
ITEM NO. L mm W mm Weight/g
006024 50(2") 50(2") 37
006038 50(2") 38(1-1/2") 31
006075 75(3") 75(3") 81
006039 38(1-1/2") 38(1-1/2") 23
on request AISI 316



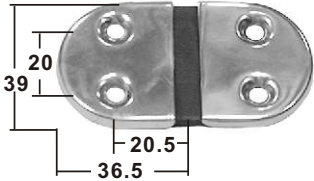
BUTT HINGE stamped AISI 304 thickness:2mm buff polished
ITEM NO. L mm W mm Weight/g
006013 77x50 (3"x2") 56
006025 77x77 (3"x3") 80
on request AISI 316

HINGES



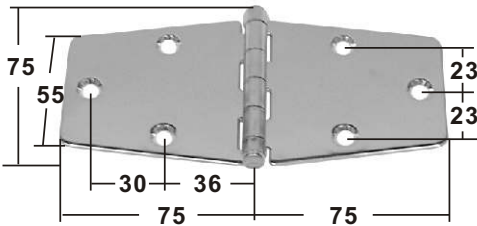
HINGE stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006073	3 mm	190



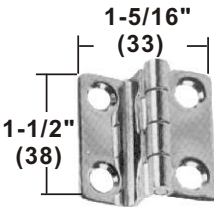
HINGE WITH RUBBER PAD
stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006067	1.5 mm	30



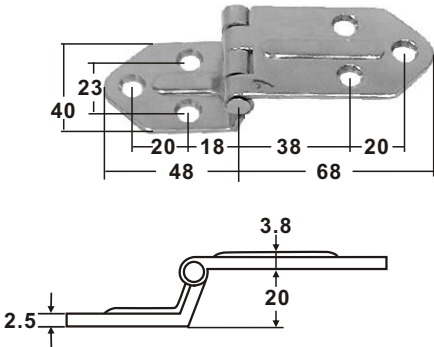
HINGE stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006074	2 mm	176



SHORT SIDE OFFSET HINGE
stamped AISI 304 buff polished

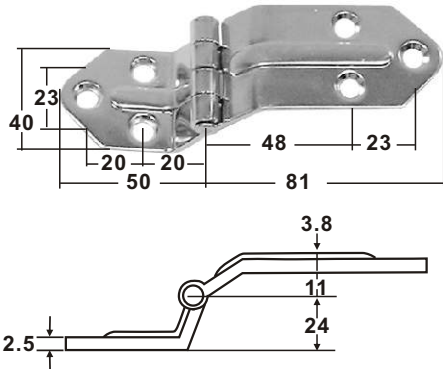
ITEM NO.	Thickness	Weight/g
006045	1.5 mm	26



STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006068	2.5 mm	98

on request AISI 316

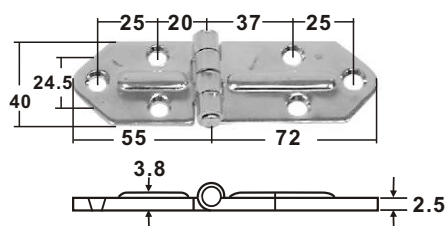


STAMPED AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
006069	2.5 mm	119

on request AISI 316

HINGES

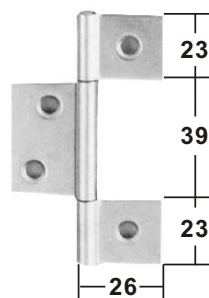


HINGE stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006076	2.5 mm	102
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on request AISI 316



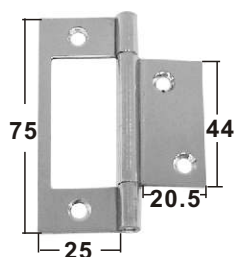
NON MORTISED DOOR HINGE

stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006049	1.5 mm	44
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on request AISI 316

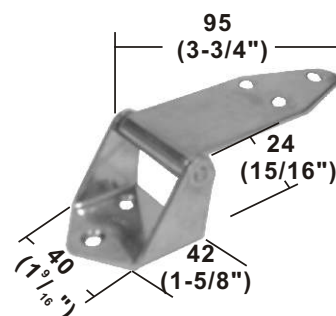


NON MORTISED DOOR HINGE

stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006084	1.5 mm	40
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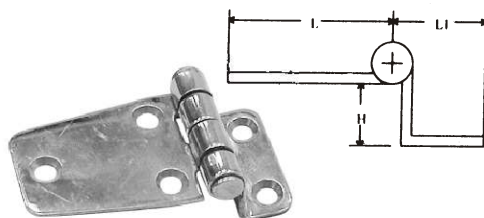
OFFSET HINGE

stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006050	2 mm	112
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on request AISI 316



SHORT SIDE OFFSET HINGE stamped AISI 304
thickness:2mm

ITEM NO.	L mm	L1 mm	H mm	Weight/g
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006002	49.5	18	10	62
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006003	58	18	19	64
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on request AISI 316

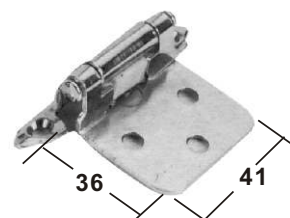


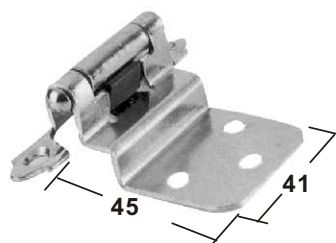
TABLE BRACKETS WITH SPRING HINGE

stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006017	1.5 mm	41
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on request AISI 316



SEMI-CONCEALED WITH SPRING HINGE

stamped AISI 304 buff polished

ITEM NO.	Thickness	Weight/g
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006011	1.5 mm	48
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on request AISI 316



SLIDING WINDOW STOP scasted AISI 316

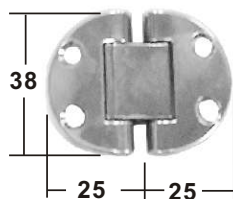
stopping plate with soft plastic cover on it.

(Protect the glasses)

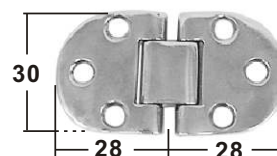
ITEM NO.	Thickness	Weight/g
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006083	4mm	63
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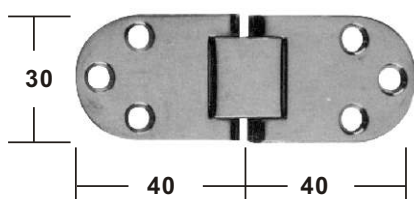
TABLE HINGE



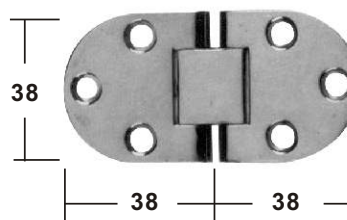
FLUSH 2 PIN HINGE stamped AISI 304
with casted center, buff polished
ITEM NO. Thickness Weight/g
006021 1.5mm 30g
on request AISI 316



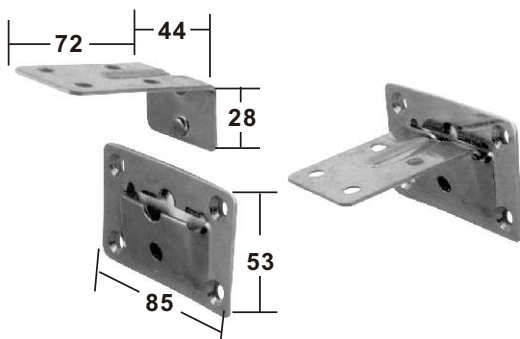
FLUSH 2 PIN HINGE stamped AISI 304
with casted center, buff polished
ITEM NO. Thickness Weight/g
006129 1.5mm
on request AISI 316



FLUSH 2 PIN HINGE stamped AISI 304
with casted center, buff polished
ITEM NO. Thickness Weight/g
006022 1.5mm 43
on request AISI 316



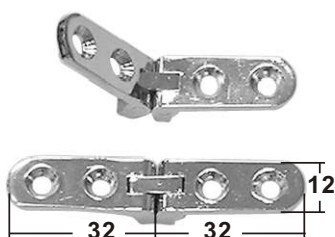
FLUSH 2 PIN HINGE stamped AISI 304
with casted center, buff polished
ITEM NO. Thickness Weight/g
006023 1.5mm 45
on request AISI 316



FLUSH MOUNT CONCEALED HINGE stamped AISI 304
ITEM NO. Thickness Weight/g
006019 2mm 258



TABLE HINGE stamped AISI 304
buff polished
ITEM NO. Thickness Weight/g
006034 2mm 66
on request AISI 316

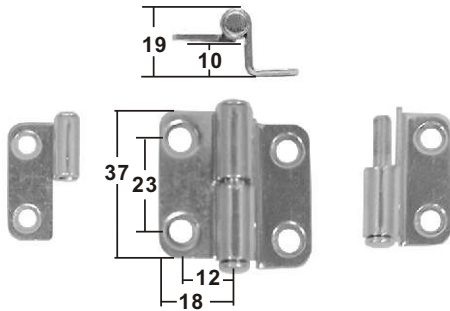


OVAL TABLE HINGES casted AISI 316
hinge locks into place flush with surface when opened.
Folds flat at 180° when closed.
ITEM NO. Thickness Weight/g
006079 3mm 18

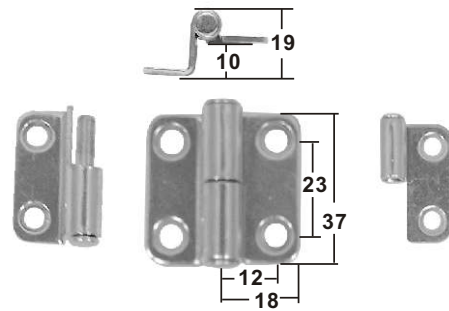


TABLE LEG FASTENER casted AISI 316
ITEM NO. Size Fasteners Weight/g
006035 1-1/2"x1-3/4"x7/8"(38x45x22mm) #10 89

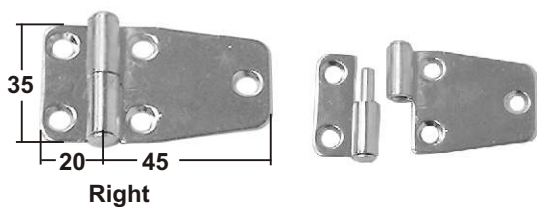
HINGES



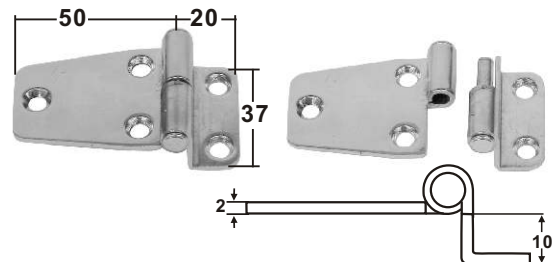
TAKE APART HINGE LEFT stamped AISI 304
ITEM NO. Thickness Weight/g
006064 2mm 40
on request AISI 316



TAKE APART LEFT HINGE RIGHT stamped AISI 304
ITEM NO. Thickness Weight/g
006065 2mm 40
on request AISI 316



TAKE APART HINGE stamped AISI 304
thickness:2mm
ITEM NO. Weight/g
006081 Right 49
006082 Left (no picture) 49
on request AISI 316



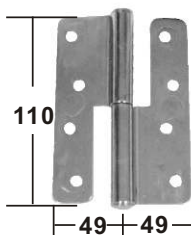
TAKE APART HINGE stamped AISI 304
Thickness:2mm
ITEM NO. Weight/g
007001 Right(no picture) 54
007002 Left 54
on request AISI 316



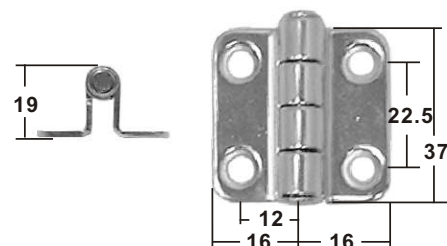
MOTOR BOX HINGE
ITEM NO. Size Quality Type Weight/g
008500 52x90mm AISI 316 left 172
008501 52x90mm AISI 316 right 172



TAKE APART HINGE
spring load pin type precision casted AISI 316
One set 2pcs, Left & Right
ITEM NO. overall size when open Weight/g
008502 70mm(2-3/4")x54mm(2-1/8") 204

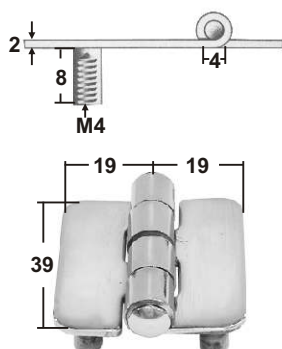


STAINLESS DOOR HINGE
stamped AISI 304 buff polished
ITEM NO. Size Type Weight/g
007000 110x98mm Left 194
007021 110x98mm Right 194
on request AISI 316



HINGE stamped AISI 304
ITEM NO. Thickness Weight/g
006066 2mm 46
on request AISI 316

HINGES

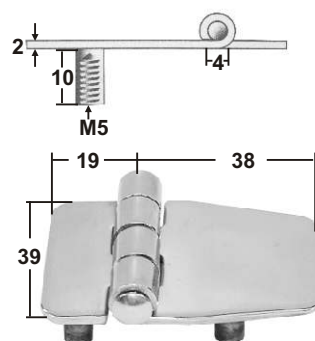


HINGE WITH THREAD SHANKS M4

stamped AISI 304, buff polished

ITEM NO. Thickness Weight/g

006150 2mm 44

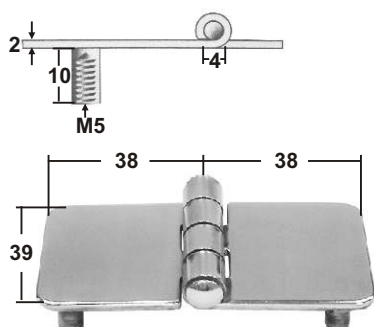


HINGE WITH THREAD SHANKS M5

stamped AISI 304, buff polished

ITEM NO. Thickness Weight/g

006151 2mm 59

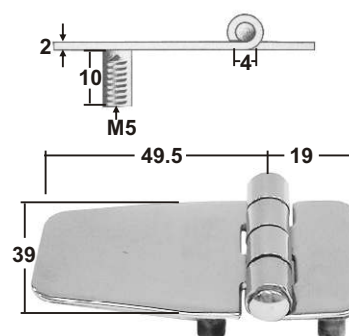


HINGE WITH THREAD SHANKS M5

stamped AISI 304, buff polished

ITEM NO. Thickness Weight/g

006155 2mm 66

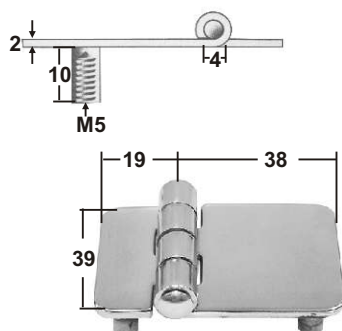


HINGE WITH THREAD SHANKS M5

stamped AISI 304, buff polished

ITEM NO. Thickness Weight

006152 2mm 59g

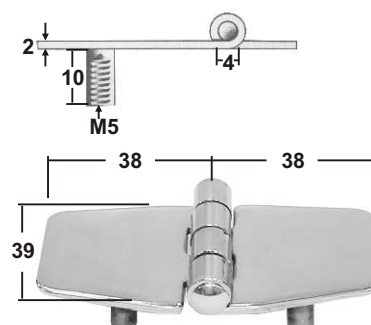


HINGE WITH THREAD SHANKS M5

stamped AISI 304, buff polished

ITEM NO. Thickness Weight/g

006154 2mm 53



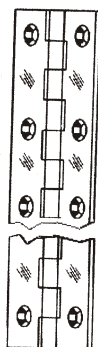
HINGE WITH THREAD SHANKS M5

stamped AISI 304, buff polished

ITEM NO. Thickness Weight/g

006153 2mm 62

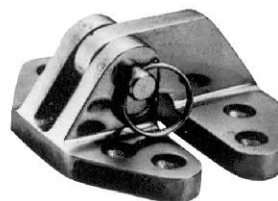
HINGES



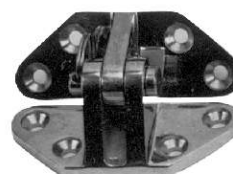
CONTINUOUS HINGES AISI 304
72" Length(182cm) with countersunk
holes on 2"(5cm) center for #6 screws

ITEM NO.	width	Thickness
006051	32mm(1-1/4")	1mm
006052	38mm(1-1/2")	1mm
006089	40mm(1-9/16")	1mm

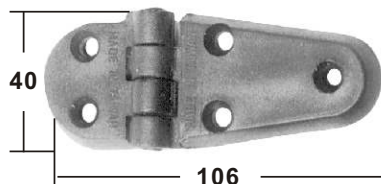
*on request AISI 316 and different
length up to 182cm.*



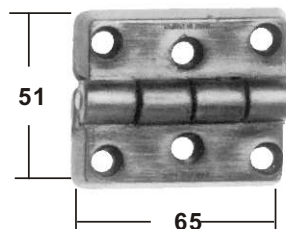
HATCH HINGE precision casted AISI 316		
ITEM NO.	Size	Weight/g
007676	75x62mm(3"x2-3/8") standard	270
007675	75x90mm(3"x3-1/2")	300



ANGLE HATCH HINGE casted AISI 316			
ITEM NO.	Base size	Fastener	Weight/g
007674	3"x2-1/2"(75x63.5mm)	#10	230



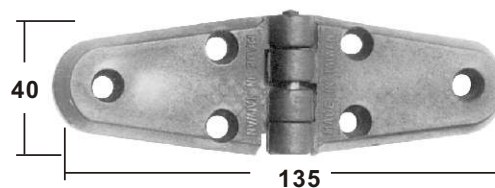
NYLON HINGE	
ITEM NO.	Weight
070540	24g



NYLON HINGE	
ITEM NO.	Weight
070265	26g

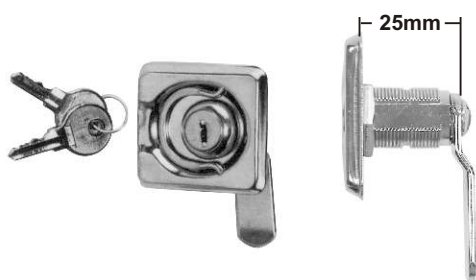


NYLON HINGE	
ITEM NO.	Weight
070040	19g



NYLON HINGE	
ITEM NO.	Weight
070640	29g

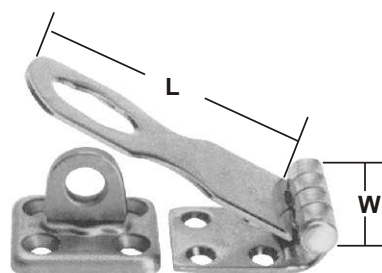
HASP



SURFACE MOUNT LOCKING LIFT RING

stamped AISI 304 / die cast zinc lock

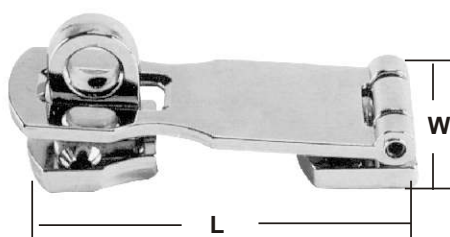
ITEM NO.	Weight/g
008381	106



SWIVEL HASP stamped AISI 304

Locking plate turnable for stopping

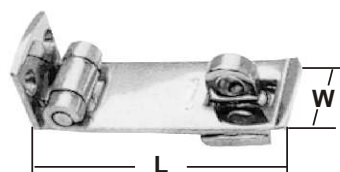
ITEM NO.	LxW mm	Weight/g
008372	67x24(2-5/16"x1")	46



SWIVEL HASP

precision casted AISI 316

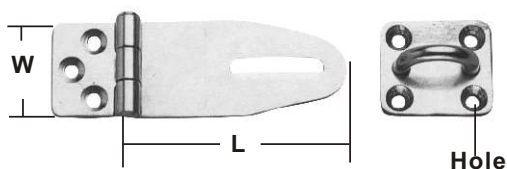
ITEM NO.	L mm	W mm	Weight/g
008375	75(3")	25(1")	114



SWIVEL HASP precision casted AISI 316

90° mount

ITEM NO.	L mm	W mm	Weight/g
008395	75(3")	25(1")	102



HASP stamped AISI 304

ITEM NO.	L mm	W mm	Hole mm	Weight/g
008390	74(3")	30(1-3/16")	4	74
008392	90(3-9/16")	40(1-9/16")	4	91



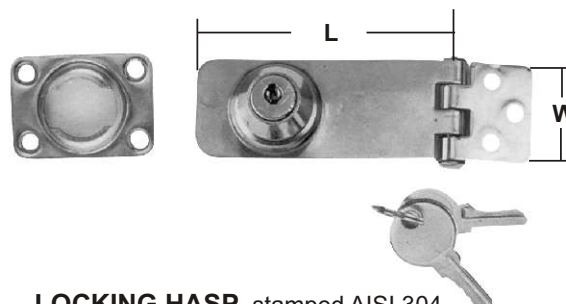
HASP stamped AISI 304

ITEM NO.	L mm	W mm	Hole mm	Weight/g
008374	67(2-5/16")	24(1")	4	40
008386	95(3-3/4")	24(1")	4	50



CAM LOCK stamped AISI 304

ITEM NO.	Weight/g
008380	79



LOCKING HASP stamped AISI 304

thickness:1.5mm

ITEM NO.	L mm	W mm	Weight/g
008376	77(3")	30(1-3/16")	86

LATCH



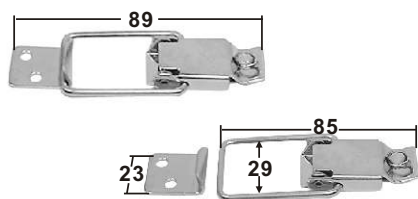
ECCENTRIC LATCH stamped AISI 304

ITEM NO.	Thickness	Weight/g
008370	1.5mm	62



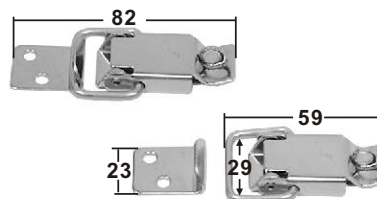
ECCENTRIC LATCH stamped AISI 304

ITEM NO.	Thickness	Weight/g
008371	1.5mm	64g



ECCENTRIC LATCH WITH PADLOCK RING stamped AISI 304

ITEM NO.	Thickness	Weight/g
008361	1.5mm	44



ECCENTRIC LATCH WITH PADLOCK RING stamped AISI 304

ITEM NO.	Thickness	Weight/g
008360	1.5mm	40



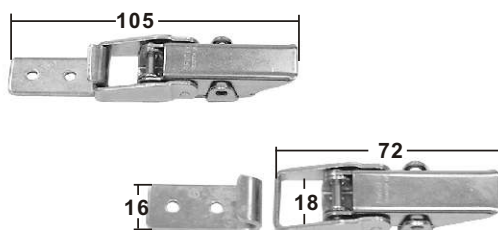
ECCENTRIC LATCH stamped AISI 304

ITEM NO.	Thickness	Weight
008358	2mm	180g



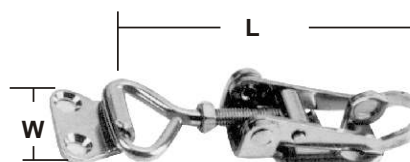
ECCENTRIC LATCH WITH PADLOCK RING stamped AISI 304

ITEM NO.	Thickness	Weight/g
008359	2mm	154



ECCENTRIC LATCH stamped AISI 316

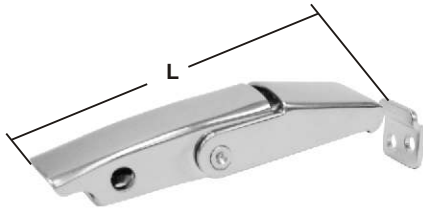
ITEM NO.	Thickness	Weight/g
008353	1.5mm	50



ECCENTRIC LATCH stamped AISI 304
thickness: 1.5mm

ITEM NO.	adjustable L mm	W mm	Weight/g
008373	66~75	26	51
008369	115~125	30	116
008368	160~180	35	254

FASTENER



PADLOCKABLE LATCH

stamped AISI 304
drilling distance 47mm, screw for
ground plate M6, screw for
counter plate M4.

ITEM NO.	L mm	Weight
008394	93	82g



LIFT HANDLE LATCH

casted AISI 316
Highly-polished

ITEM NO.	Base mm
007185	Φ50x50x19



LIFT HANDLE LATCH

casted AISI 316
Highly-polished

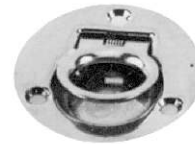
ITEM NO.	Base mm	Weight/g
007184	Φ50x19	84



FLUSH RING PULLS ROUND

precision casted AISI 316

ITEM NO.	Dia base	Thickness	Weight/g
007050	50mm(2")	2.5mm	46



ROUND RING WITH RETURN CLIP

stamped AISI 304

ITEM NO.	Φmm	Weight/g
007055	55	29

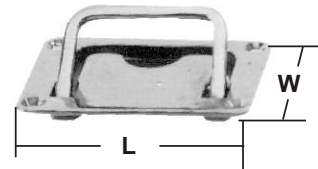
on request AISI 316



SQUARE FLUSH RING PULL

casted AISI 316

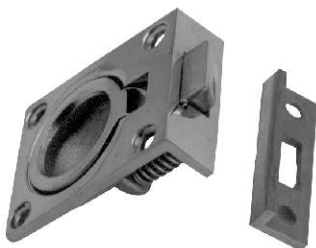
ITEM NO.	Size	Fastener	Weight/g
007194	1-7/8"x1-1/2"(47x35mm)	#5	43



FLUSH LIFTING HANDLE

precision casted AISI 316

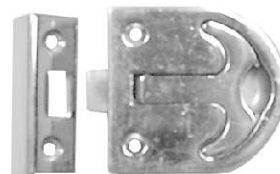
ITEM NO.	LXW mm	Handle mm	Weight/g
007195	95x70(3-3/4"x2-3/4")	70x40(3-3/4"x1-9/16")	224
007196	75x57(3"x2-1/4")	57x35(2-1/4"x1-3/8")	164



FLUSH RING CATCH

casted AISI 316

ITEM NO.	Base mm	Weight/g
007100	57x35(2-1/4"x1-3/8")	62
007101	62x44(2-1/2"x1-3/4")	110
007102	70x57(2-3/4"x2-1/4")	180

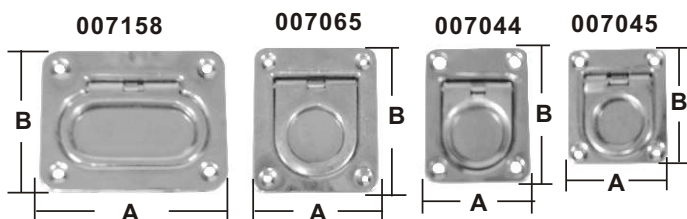


FLUSH RING CATCH

casted AISI 316

ITEM NO.	Base mm	Weight/g
007103	57x76mm(2-1/4"x3")	162

FASTENER



FLOOR RING with return clip

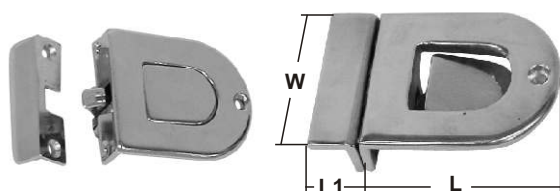
stamped AISI 304

ITEM NO.	A mm	B mm		Weight/g
007045	38	44	on request AISI 316	23
007065	56	66	on request AISI 316	45
007158	75	58		50
007044	44	57	on request AISI 316	33



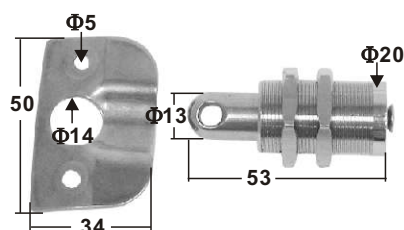
LIFTING EYE stamped AISI 304

ITEM NO.	L mm	W mm	Weight/g
006001	89	25	63



FLUSH RING WITH PUSH BOTTOM casted AISI 316

ITEM NO.	L	L1	W	Weight/g
007105	52mm	13mm	44mm	100



LOCKER SEAT LOCK

Made out of stainless steel (A2) with closing lip. with twistlock for locking by a pad lock.

ITEM NO.	Weight/g
007104	98



LIFT HANDLE LATCH casted AISI 316

Highly-polished

ITEM NO.	Base mm	Height mm	Weight/g
007106	Φ 62(2.44")	38(1-1/2")	230



LIFT HANDLE LATCH casted AISI 316

Highly-polished, with lock

ITEM NO.	Base mm	Height mm	Weight/g
007199	Φ 62(2.44")	38(1-1/2")	250



LIFT HANDLE LATCH casted AISI 316

Highly-polished

ITEM NO.	Base mm	Thickness	Weight/g
007181	Φ 62(2.44")	0~8 mm	250



LIFT HANDLE LATCH casted AISI 316

Highly-polished, with lock

ITEM NO.	Base mm	Thickness	Weight/g
007182	Φ 62(2.44")	0~8 mm	260

FASTENER



DOOR LOCK HOOK casted AISI 316
with double swivel

ITEM NO.	L mm	Weight/g
060901	70(2-3/4")	62
060903	90(3-9/16")	69
060904	120(4-3/4")	75



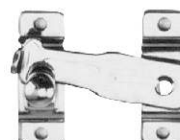
CABIN DOOR HOOK stamped AISI 304
A plastic bushing in the eye prevents
assidental unhooking due to vibration

ITEM NO.	Length	Weight/g
008377	64mm(2-1/2")	40
008378	84mm(3-5/16")	44
008382	120mm(4-3/4")	52



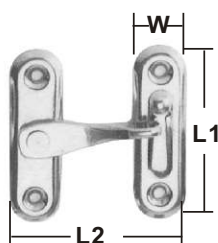
CABIN DOOR HOOK casted AISI 316

ITEM NO.	Length mm	Weight/g
008379	77(3")	66



BAR LATCH stamped AISI 304

ITEM NO.	Length	Weight/g
008383	47mm(1-27/32")	22
008384	58mm(2-9/32")	39
008385	84mm(3-5/16")	



ROUGH REAMER stamped AISI 304

ITEM NO.	L1 mm	L2 mm	W mm	Weight/g
003100	63(2-1/2")	60(2-3/8")	19(3/4")	46



ROUGH REAMER AISI 316

ITEM NO.	L1 mm	L2 mm	Weight/g
003102	38(1-1/2")	40(1-9/16")	34



STAINLESS BARREL BOLTS precision casted AISI 316

ITEM NO.	Overall	Size	Weight/g
008354	60mmx30mm	(2-3/8"x1-3/16")	72
008355	89mmx39mm	(3-1/2"x1-1/2")	132
008356	115mmx39mm	(4-1/2"x1-1/2")	166



LOCKABLE STAINLESS BARREL BOLT

ITEM NO.	Overall	Size	Weight/g
008396	60mmx30mm	(2-3/8"x1-3/16")	68
008397	89mmx39mm	(3-1/2"x1-1/2")	116

FASTENER



BARREL BOLT precision casted AISI 316
good for small door

ITEM NO.	Overall	Size	Weight/g
008357	60mmx30mm	(2-3/8"x1-3/16")	72



SQUARRE BARREL BOLT casted AISI 316
Spring closing, contemporary shaped barrel bolt

ITEM NO.	Length	Width	Depth	Weight/g
008398	90 mm	30 mm	32 mm	273



ANTI-RATTLE DOOR FASTENERS

ITEM NO.	Closed size mm	Quality	Weight/g
060900	115x50(4-1/2"x2")	Brass N/P	
060905	110x50(4-3/8"x2")	AISI 316 casted	144
060906	105x50(4-1/8"x2")	AISI 316 casted	128
060907	95x50(3-3/4"x2")	AISI 316 casted	103



ANTI-RATTLE DOOR FASTENERS

precision casted AISI 316			
ITEM NO.	Closed size	Weight/g	
060910	100x50(4"x2")	126	



HATCH FASTENER casted AISI 316

ITEM NO.	Closed Length	Width	Weight/g
008364	100mm(4")	30mm(1-3/16")	93



HATCH FASTENER casted AISI 316

ITEM NO.	Closed Length	Width	Weight/g
008365	92mm(3-5/8")	30mm(1-3/16")	96



HOLD DOWN CLAMP casted AISI 316

ITEM NO.	Base	Screws	Weight/g
008301	L3"xW1-1/2"(75x38mm)	#8	161



HOLD DOWN CLAMP casted AISI 316

90° angle mounting

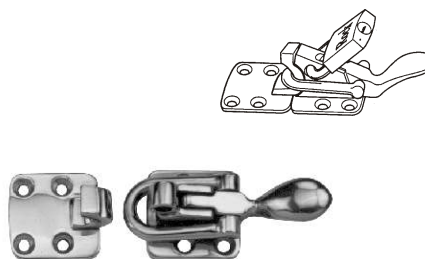
ITEM NO.	Base	Screws	Weight/g
008300	L2-1/2"xW1-1/2"(64x38mm)	#8	163

FASTENER



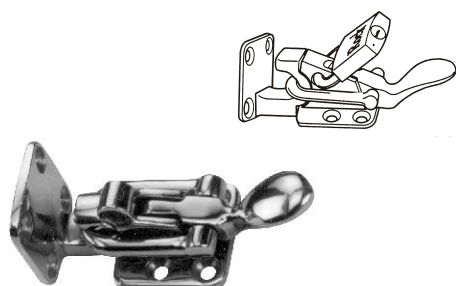
LOCKABLE HOLD DOWN CLAMP casted AISI 316
90° angle mounting, padlocks not included

ITEM NO.	Base	Screws	Weight/g
008307	L2-1/2"x1-1/2"(64x38mm)	#8	169



LOCKABLE HOLD DOWN CLAMP casted AISI 316
flat mounting, padlocks not included

ITEM NO.	Base	Screws	Weight/g
008303	L3"xW1-1/2"(75x38mm)	#8	168



LOCKABLE HOLD DOWN CLAMP casted AISI 316
90° angle mounting, padlocks not included

ITEM NO.	Base	Screws	Weight/g
008304	L2-1/2"x1-1/2"(64x38mm)	#8	170



HOOD LATCH
for engine rooms stainless steel parts.

ITEM NO.	Length	Weight/g
008351	70mm	50



HOOD LATCH
with removeable pin with frost resistant rubber stainless steel parts

ITEM NO.	Length	Weight/g
008352	130mm	85



STUD CATCHES casted AISI 316

ITEM NO.	Overall size	Weight/g
003680	1-3/4"x5/16" (44x8mm)	15
003681	2"x3/8" (50x9mm)	24
003682	2-1/4"x7/16" (57x11mm)	31



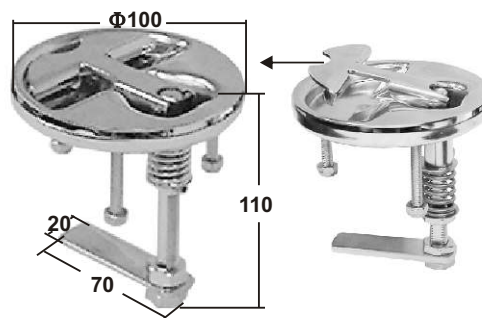
ELBOW CATCH casted AISI 316

ITEM NO.	Base mm	Weight/g
003672	16x28 (5/8"x1-1/8")	26

LIFT HANDLE



LIFT HANDLE casted AISI 316		
ITEM NO.		Weight/g
007188	with lock	215
007189	without lock	193



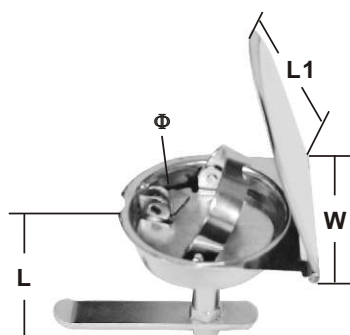
QUICK OPENING COMPRESSION LATCH Stamped AISI 316		
lift handle straight bar		
ITEM NO.		Weight/g
008349		464



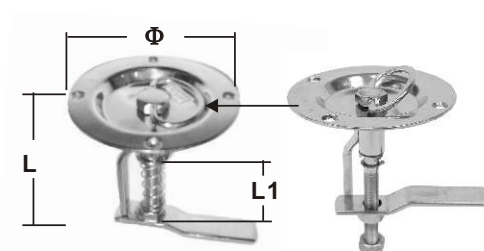
LIFT HANDLE stamped AISI 316					
Lockable					
ITEM NO.	L1mm	Lmm	Φmm	Weight/g	
007191	30	78	97	279	



LIFT HANDLE stamped AISI 316					
Lockable with retrogressive spring and stop cam not included					
ITEM NO.	L mm	Φmm	Weight/g		
007192	78.5	70	220	Angle	
007183	78.5	70	210	straight	



LIFT HANDLE stamped AISI 316					
Lockable with padlock-holder and thread closing plug-internal security opening					
ITEM NO.	L	L1	W	Φ	Weight/g
	mm	mm	mm	mm	
007197	100	110	100	80	458



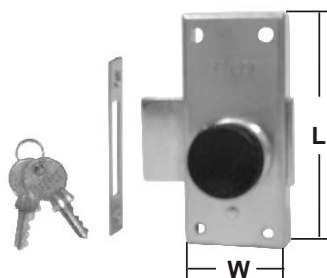
LIFT HANDLE stamped AISI 316					
Lockable with retrogressive spring and stop					
ITEM NO.	L1 mm	L mm	Φ mm	Weight/g	
007190	60	110	97	320	

LATCH, DOOR CATCHER



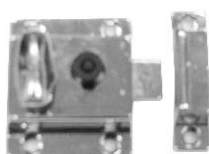
BUTTON LATCH stamped AISI 304
plastic slide and knob

ITEM NO.	overall dimension	Screws	Weight/g
008302	2-1/8"x1-1/2"(54x38mm)	#6	52



DOOR LOCK AISI 304

ITEM NO.	L	W	Weight/g
007200	80X35mm(3-1/8"x1-5/8")		218



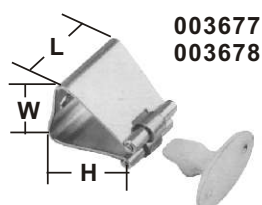
BUTTON LATCH AISI 316
Sliding lock button requires #6 FH screws (not included)

ITEM NO.	Size	Weight/g
007202	(54x57mm)2-1/8"x2-1/4"	142



CUPBOARD CATCH casted AISI 316
includes box strike

ITEM NO.	Dimension overall mm	Weight/g
008309	38x47.6(1-1/2"x1-7/8")	102



003677
003678



003676
003675

DOOR HOLDER

ITEM NO.	base L mm	plate W mm	H mm	Quality	Weight/g
003675	41	33	31	AISI 304 stamped	110
003676	34	16	23	AISI 304 stamped	46
003677	41	33	31	plastic knob	
003678	34	16	23	plastic knob	27



DOOR STOP AND CATCHER

casted AISI 316	
ITEM NO.	Weight/g
003674	154



MAGNET DOOR CATCHER casted AISI 316
adjustable the room between the door.

ITEM NO.	Weight/g
003683	380



DOOR STOP AISI 316

provides cushion for door knobs and protects bulkheads.

ITEM NO.	Height	O.D.	Fastener	Weight/g
003673	19mm(3/4")	50mm(2")	#6	35

LOCKS



MORTISE LOCK SET AISI 316

Locked by dead bolt from inside
or key from outside for doors

5/8"(16mm)-1-3/8"(35mm)

ITEM NO.	Case size	Escutcheon size	For door	Weight/g
007203	2-3/4"x2"	4-3/8"x1-1/4"	1"-1-1/2"	564
	(70x50mm)	(121x32mm)	(25-38mm)	



MORTISE LOCK SET AISI 316

Locked by dead bolt from inside
no keys for doors 1"-1-3/8"(25~35mm)

ITEM NO.	Case size	Escutcheon size	For door	Weight/g
007204	2-1/4"x1-3/16"	4-3/8"x1-1/4"	1"-1-1/2"	500
	(57x46mm)	(111x32mm)	(25-38mm)	



RIM LATCH SETS AISI 316

Sliding lock button lock sets are mounted on the surface
of the door. for door 16~35mm(5/8"~1-3/8").

ITEM NO.	Case size	Escutcheon size	Bevel type	Weight/g
007205	54x45mm	121x32mm	regular	365
	(2-1/8"x1-3/4")	(4-3/8"x1-1/4")		



RIM LOCK SETS AISI 316 Weight:580g

Locked by deadbolt from inside or key from outside.
lock sets are mounted on the surface of the door.
for door 19~38mm(3/4"~1-1/2").

ITEM NO.	Case size	Escutcheon size	Bevel type
007206	98x50mm	111x32mm	regular
	(3-7/8"x2")	(4-3/8"x1-1/4")	

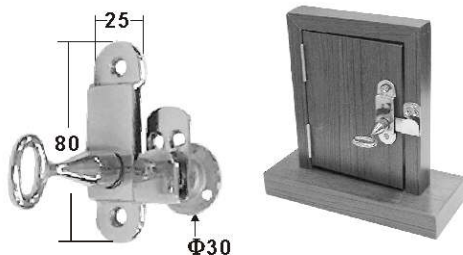


RIM LATCH SETS AISI 316 Weight:395g

Sliding lock button lock sets are mounted on the surface
of the door. for door 16~35mm(5/8"~1-3/8").

ITEM NO.	Case size	Escutcheon size	Bevel type
007207	54x45mm	121x32mm	regular
	(2-1/8"x1-3/4")	(4-3/8"x1-1/4")	

LOCKS



DOOR & HATCH LOCKER

precision casted AISI 316
Size: plate 80x25mm(3-1/8"x1")
square 7x60mm(1/4"x2-3/8")
Fixed ring Φ :30mm(1-3/16")

ITEM NO. Weight/g

007208 110



DOOR BUTTON stamped AISI 304

Injection mold nylon

ITEM NO. Weight/g

003670 38



DOOR BUTTON casted AISI 316

Heavy duty

ITEM NO. Size mm Thickness Weight/g

003679 Φ 43 4 mm 58



BRASS PADLOCKS

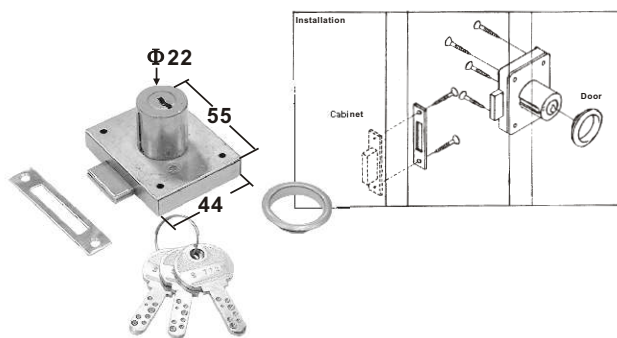
All brass construction 3 keys provided

ITEM NO. Width Shackle Vertical clear Weight/g

060130 30(1-1/4") 5.2(3/16") 16(5/8") 105

060138 38(1-1/2") 6.2(1/4") 19(3/4") 155

060150 50(2") 8.7(3/8") 25(1") 320



LOCK stamped AISI 304

surface mounting type

ITEM NO. Weight/g

007209 174



OUTBOARD MOTOR SAFETY LOCK AISI 304

Make your outboard less attractive to thieves
and keep it from loosing by vibratality while running.
stainless steel body. Less pack lock

ITEM NO. Weight/g

060102 365



SURER OUTBOARD LOCK AISI 304

with key

ITEM NO. L mm W mm Weight/g

060103 300 40 850

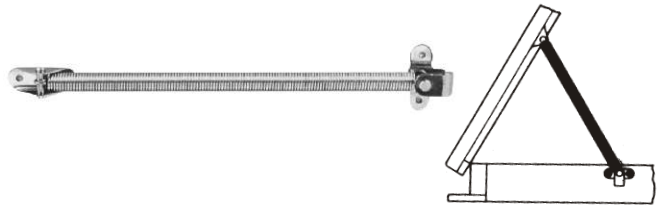
HATCH HOLDER



HATCH HOLDER AISI 304

Holders "pop" into place to held hatches doors.

ITEM NO.	Φ	Length	Weight/g
007928	11mm(7/16")	200mm(8")	74
007932	14.5mm(9/16")	260mm(10-1/4")	160



HATCH HOLDERS AISI 304

Holders "pop" into place to held hatches doors.

ITEM NO.	Length mm	Weight/g
007921	8-1/2"(210mm)	70
007922	10"(254mm)	162



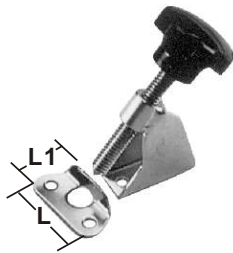
HATCH ADJUSTERS AISI 304

ITEM NO.	Size	Weight/g
007925	22cm to 38cm(8-3/4" to 15")	280



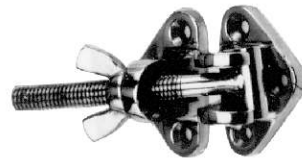
HATCH ADJUSTERS AISI 304

ITEM NO.	Min length mm	Max Length mm	Weight/g
009809	200(8")	366(14-1/8")	150
009810	260(10-1/4")	484(19")	190



HATCH LATCH stamped AISI 304

ITEM NO.	Length open	L1	Fastener	Weight/g
007920	1-7/16"(36.5mm)	5/8"(16mm)	#10	81



KNOB HATCH FASTENER casted AISI 316

ITEM NO.	Length open	Length closed	Weight/g
060972	4"(10cm)	2"(5cm)	140



WINDOW ANTI-RATTLERS

Srew M10 adjustment 25mm(1")

ITEM NO.	Base	Screws	Weight/g
006036	29mm(1-1/8")x32mm(1-1/4")	#3	49

HOLDER



BRACKET FOR HORSESHOE LIFE BUOY

AISI 304	complet with rail mount bracket		
ITEM NO.	HxWcm	Weight/g	
007960	42x35	448	



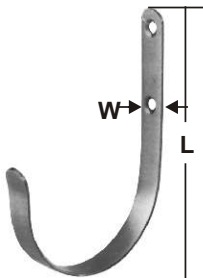
HOLDER AISI 304

ITEM NO.	L mm	B mm	Wire mm	Weight/g
007950	150	150	5	160



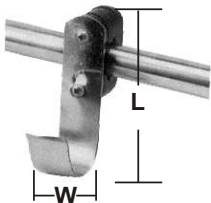
HOLDER FOR LIFEBOUY LIGHT

ITEM NO.	Weight/g
007900	310



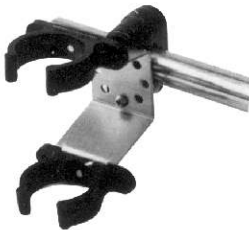
LIFE BUOY BRACKET stamped AISI 304

ITEM NO.	LxW mm	Thickness	Weight/g
005919	175x19	2 mm	85
005925	175x25	3 mm	164



RAIL MOUNT HOOK stamped AISI 304

ITEM NO.	L mm	W mm	Weight/g
003101	90	25	35



LIFE BUOY LIGHT BRACKET

stamped AISI 304	
Φ40mm holder for life-buoy light	
ITEM NO.	Weight/g
007904	98



FLAG SOCKETS AISI 304

The plate is 40mmx70mm to fit flag pole Φ22mm(7/8")	
ITEM NO.	Weight/g
009855	116



RAIL MOUNT RING BUOY BRACKET

stamped aluminum powder coated				
ITEM NO.	A	B	Weight	Weight/g
007951	3-7/8"(95mm)	2"(50mm)	0.37Lb(170g)	150

DRINK HOLDER



BOTTLE AND DRINK HOLDER AISI 304

Inside Φ 85mm

ITEM NO.	Height	Weight/g
007795	110mm	110



BOTTLE AND DRINK HOLDER AISI 304

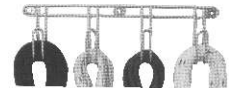
Inside Φ 75mm

ITEM NO.	Height	Weight/g
007796	240mm	160



BOTTLE HOLDER AISI 304

ITEM NO.	Weight/g
007781	320



LINE HANGER AISI 304

holds four bights of line in a locker or forepeak. Stainless-steel rod stock with three attachment holes for fasteners. Fasteners not included.

ITEM NO.	Length	Weight/g
007792	41cm(16")	390



BOAT HOOK AISI 304

for shroud mounting, 2pieces, lower pare with support plate

ITEM NO.	Φ mm	Shroud for wire Φ mm
007782	50	6~12



SHOCKCORD

with stainless steel hook

ITEM NO.	Length	Φ	Weight/g
004230	30cm	6 mm	18
004250	50cm	8 mm	50
004280	80cm	10 mm	



SPRING CLAMPS stamped AISI 304

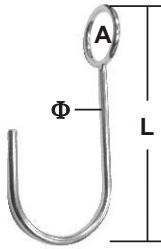
ITEM NO.	Min I.D.	Max I.D.	Fastener	Weight/g
003115	5/8"(10mm)	1-1/4"(32mm)	#6PH	30
003125	1"(25mm)	1-3/4"(45mm)	#6PH	11



SPRING HOOK AISI 304

ITEM NO. for shock cord Φ Weight/g

001720	6mm	7
001721	8mm	16
001722	10mm	17
001723	12mm	37



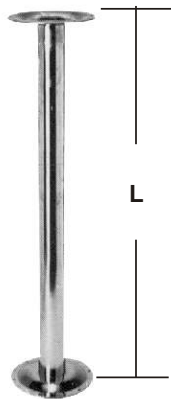
HOOK AISI 304

ITEM NO.	A mm	L mm	Φ mm	Weight/g
020316	50	250	8	270



HOOK AISI 304

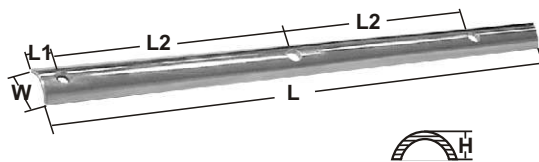
ITEM NO.	Length	Weight/g
020318	560mm(22")	520



STOWABLE TABLE PEDESTAL AISI 304

taper socket design prevents wobbling 3pcs

ITEM NO.	Base Φmm	Tube O.D. mm	L mm	Weight/g
006026	160(6-1/4")	50(2")	700(27-1/2")	2100



RUB RAIL HOLLOW BACK AISI 304

ITEM NO.	W mm	H mm	L mm	L1 mm	L2 mm
003657	19(3/4")	7	1828(72")	12	150
003658	25(1")	6.5	1828(72")	12	150

on request AISI 316



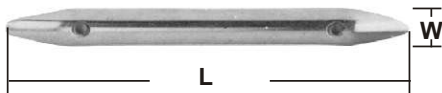
SLIDING RAIL AISI 316

ITEM NO.	L mm	W mm	Weight/g
003615	155	13	40



SLIDING RAIL AISI 316

ITEM NO.	W mm	H mm	L mm	Weight/g
003623	13.5	4	1500	555
003625	13.5	4	3000	1110
003628	16	4	1500	
003629	16	4	3000	



RUB STRAKES AISI 304

It guards on cap rails gunwales or any where you want to protect against chafe.

ITEM NO.	Length cm	W cm	Weight/g
003616	20(8")	2(3/4")	55
003617	30(12")	2(3/4")	80
003618	46(18")	2(3/4")	170
003621	61(24")	2(3/4")	188
003654	30(12")	2.5(1")	105
003655	46(18")	2.5(1")	170
003656	61(24")	2.5(1")	226

on request AISI 316

STANCHION



STANCHION SOCKET Casted AISI 316

ITEM NO.	mm	Φmm	Weight/g
009944	7°	25	307



STANCHION SOCKET AISI 304

ITEM NO.		L1 mm	L2 mm	Weight/g.
009806	90°	64	90	180
009808	90°	75	87	120
009811	84°	75	87	120



STANCHION SOCKET casted AISI 316

ITEM NO.	Tube O.D.	Base	Fastener	Weight/g
009890	1"(25mm)	3-1/2"x3"(90x75mm)	1/4"FH	500



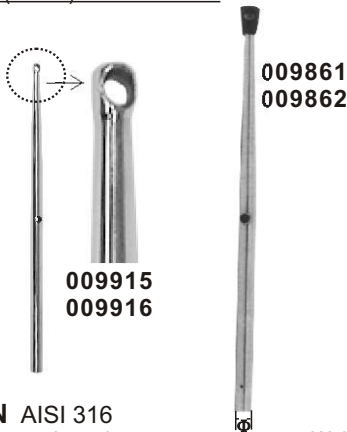
STANCHION SOCKET casted AISI 316

ITEM NO.	Tube O.D.	Weight/g
009683	1"(25mm)	400



FLAG CLAMP stamped AISI 304

ITEM NO.	Weight/g
009812	30



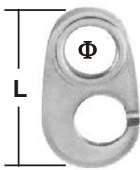
STANCHION AISI 316

ITEM NO.	Φmm	Length mm		Weight/g
009861	25	610	with black plastic top	535
009862	25	500	with black plastic top	444
009915	25	500	heavy duty	
009916	25	610	heavy duty	



SWIVEL FLAG CLIPPERS casted AISI 316

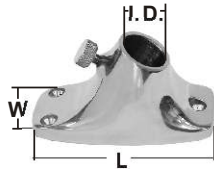
ITEM NO.	Hole mm	Weight/g
005002	6	19



FLAG CLIPS stamped AISI 304

ITEM NO.	L mm	Φmm	Weight/g
005000	24	7	2
005001	37	11	11

FLAG POLE SOCKETS



FLAG POLE SOCKETS casted AISI 316

ITEM NO.	I.D. mm	L mm	W mm	Weight/g
009961	20(3/4")	85(3-5/16")	40(1-9/16")	390



FLAG POLE SOCKETS

10° angle from vertical casted AISI 316

ITEM NO.	I.D.	O.D.	Weight/g
009873	19mm(3/4")	48mm(1-7/8")	85
009920	20mm(3/4")	48mm(1-7/8")	85
009874	25mm(1")	66mm(2-5/8")	210
009875	32mm(1-1/4")	70mm(2-3/4")	220



FLUSH MOUNT POLE SOCKETS casted AISI 316

Angled sockets on the stern

ITEM NO.	I.D.	O.D.	Weight/g
009880	19mm(3/4")	50mm(2")	153
009881	25mm(1")	60mm(2-2/8")	214
009882	32mm(1-1/4")	66mm(2-5/8")	297



FLUSH MOUNT POLE SOCKETS AISI 316

Vertical sockets are typically used on the bow

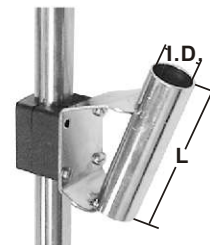
ITEM NO.	I.D.	O.D.	Weight/g
009879	19mm(3/4")	50mm(2")	150



FLAG HOLDER Casted AISI 316

for pushpit or handrail mounting

ITEM NO.	Φ Pipe mm	Φ mm	Weight/g
009936	22~25	20	160



RAIL-MOUNT FLAG POLE SOCKETS

AISI 304 with plastic clipper

ITEM NO.	I.D. mm	for rail tube	L mm	Weight/g
009971	25	Φ25mm(1")	100	216

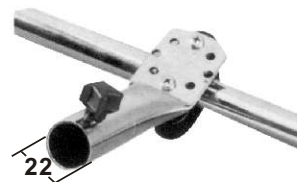
009827
009828



009829
009830

FLAG SOCKETS stamped AISI 304

ITEM NO.	Type	fit flag pole Φ	Weight/g
009827	vertical	22mm(7/8")	100
009828	vertical	27mm(1-1/16")	156
009829	horizontal	22mm(7/8")	106
009830	horizontal	27mm(1-1/16")	156



FLAG SOCKETS stamped AISI 304

With completely plastic clamp to fit Φ 22mm rail tube and fit flag pole Φ 22mm

ITEM NO.	Weight/g
009831	145

FLAG POLE



PENNANT POLE

Staffs come complete with stainless steel universal rail clamp for 7/8"(22mm) or 1"(25mm) rail quick release flag clips the pole is 43cm(17")

ITEM NO.		Weight/g
009842	for 22mm(7/8")	380
009845	for 25mm(1")	306



FLAG POLE vertical AISI 316

Staffs come complete with stainless steel sockets the pole is 43cm(17")

ITEM NO.	Weight/g
009877	220



FLAG POLE 80° AISI 316

Staffs come completely with stainless steel sockets the pole is 40cm(15-3/4") the basement: O.D. 48mm(1-7/8")

ITEM NO.	Weight/g
009969	250



FLAG POLE stamped AISI 304

ITEM NO.	L mm	Weight/g
009839	220	118



FLAG POLE 45° AISI 316

Staffs come completely with stainless steel the pole of sockets is 60cm(23-1/2") the basement: 85mmx40mm(3-3/8"x1-9/16")

ITEM NO.	Weight/g
009866	535



FLAG POLE 70° AISI 316

Staffs come completely with stainless steel the pole of sockets is 40cm(15-3/4") the basement: 40mmx78mm(1-9/16"x3-1/4")

ITEM NO.	Weight/g
009805	250



FLAG POLE vertical AISI 316

Staffs come complete with stainless steel sockets the pole is 43cm(17")

ITEM NO.	Weight/g
009876	240



FLAG POLE

Staffs come complete with nylon rail clamp for 7/8"(22mm) or 1"(25mm) rail, quick release flag clips, the pole is 43cm(17")

ITEM NO.	Weight/g
009843	200

FLAG POLE, FENDER HOLDER



FLAG POLE stamped AISI 304
ITEM NO. Φ mm L mm Weight/g
073515 12 40 75



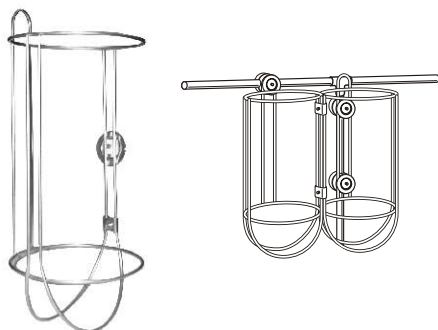
FLAG POLE stamped AISI 304
Rail clamp for 19mm~30mm
ITEM NO. L mm Weight/g
009840 40 200
009841 60 260



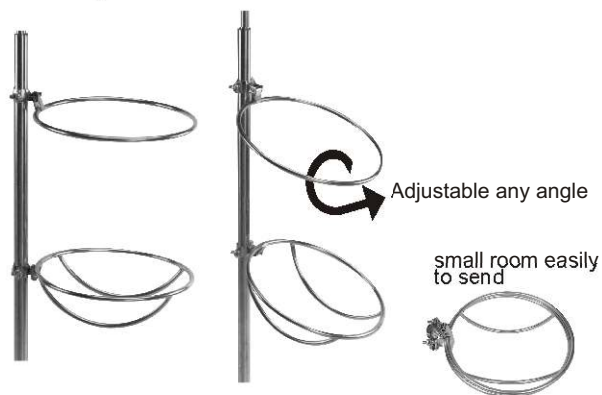
FLAG
stainless steel and nylon s.s. clip
ITEM NO. Size mm Weight/g
073512 110x120 40
073520 155x205



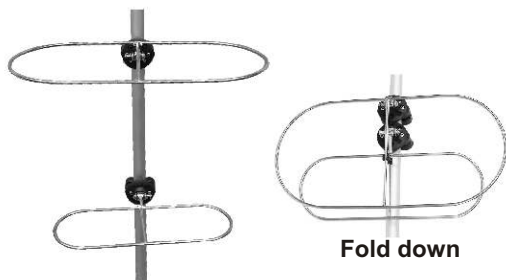
FLAG AISI 304
pennant with quick release side mount
ITEM NO. Length flag width rod Φ
073517 330mm 100mm 3mm
073518 330mm 125mm 4mm
073519 400mm 150mm 4mm



FENDER HOLDER AISI 316
ITEM NO. Weight/g
007935 Φ 135mm for 125mm(5") single
007937 Φ 160mm for 150mm(6") single



FENDER HOLDER MOVEABLE AISI 316
ITEM NO. fender
007926 Φ 135mm for 125mm(5") fender
007927 Φ 160mm for 150mm(6") fender
007929 Φ 230mm for 200mm(8") fender
007930 Φ 265mm for 250mm(10") fender



FENDER HOLDER AISI 316
ITEM NO. fender
007933 Φ 160mm for 150mm(6") double fenders
007934 Φ 220mm for 210mm(8") double fenders



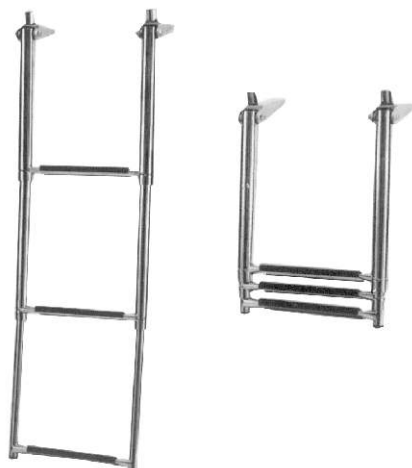
FENDER HOLDER FIXED AISI 316
ITEM NO. fender
007914 Φ 135mm for 125mm(5") fender
007915 Φ 160mm for 150mm(6") fender
007917 Φ 230mm for 200mm(8") fender
007918 Φ 265mm for 250mm(10") fender

LADDER



2 STEP TELESCOPING DROP LADDER AISI 316

	Length	Length			
ITEM NO.	Stretch	Stowed	Height	Width	Weight
000711	60cm(23-1/2")	36cm(14")	36cm(14-1/8")	30cm(12")	2.24kg



3 STEP DOVER PLAT FORM TELESCOPING DROP LADDER AISI 316

steps fold out and over telescope down easily compact
stowage-steps fold over flat on platform flat poly treads are
attached to steps for comfort mounting hard ware and quick
lock nylon strap included

ITEM NO.	Length Deployed	Length stowed	Height	Width	Bracket Length	Weight
000706	34" (86cm)	14.5" (37cm)	15" (38cm)	12.5" (32cm)	15cm	3.13kg
000713	34" (86cm)	14.5" (37cm)	15" (38cm)	11-7/8" (30cm)	24.5cm	3.53kg



3 STEP TELESCOPING DROP LADDER AISI 316

the stylish design suits the appearance of
portatino stern boats and incorporates a
hand rail for easy boarding.
fits 370mm(14-1/2") or wider platforms

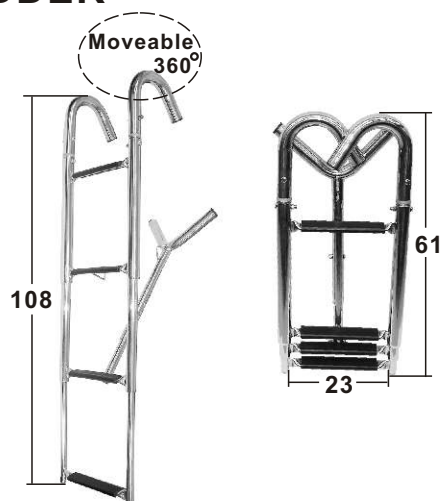
ITEM NO.	Weight
000720	4.13kg



4 STEP TELESCOPING DROP LADDER AISI 316

ITEM NO.	Deployed	Stowed	Width	Bracket Length	Weight
000709	46" (117cm)	17-1/8" (44cm)	12.5" (32cm)	15cm	4.93kg
000718	46" (117cm)	17-1/8" (44cm)	12.5" (32cm)	24.5cm	5.33kg

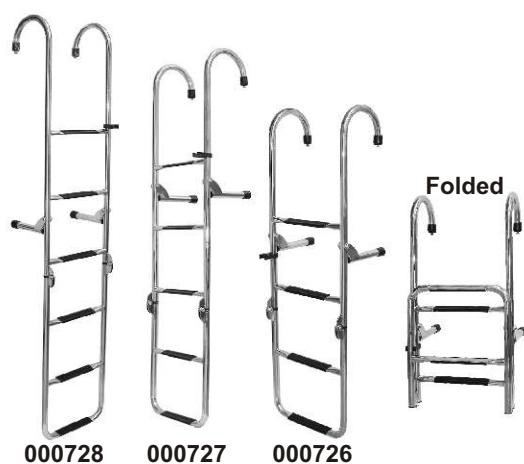
LADDER



LATCH TYPE TELESCOPING DROP LADDER

4 STEP AISI 316

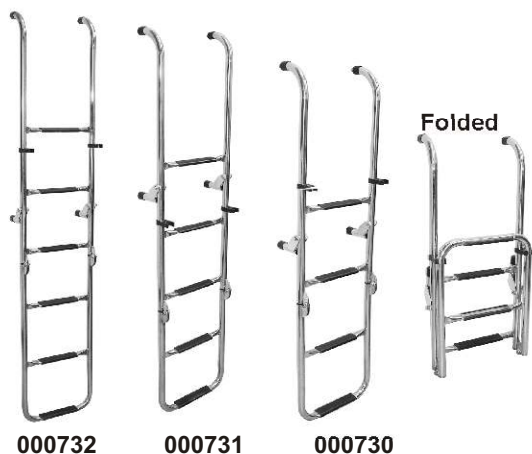
ITEM NO.	Stretch	Stowed	Width	Weight
000719	108cm(42.5")	61cm(24")	23cm(9")	4.98kg



FOLDING BOARDING LADDER AISI 316

steps with non-skid plastic treads 2 fixed 2 folding, 30cm(12") step spacing for easy boarding vertical gunwales easily folds out of the way when not in use. Mounting brackets and backing plates included.

ITEM NO.	Length cm	Length cm	Width cm	Steps	Weight
000726	74(29")	118(46-1/2")	30(12")	4	5.33kg
000727	97(38 1/4")	140(55-1/8")	30(12")	5	6.23kg
000728	97(38 1/4")	165(65-1/8")	30(12")	6	6.98kg



REMOVABLE/FIXED MOUNT TRANSOM LADDER AISI 316

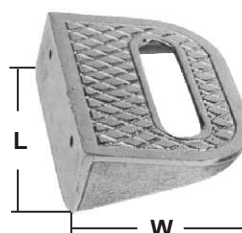
This unique ladder can be left in place when underway, or removed quickly for storage standoffs can be cut to fit transoms at conventional or reverse angles. Mounting brackets and backing plates included.

ITEM NO.	Length cm	Length cm	Width cm	Steps	Weight
000730	74(29")	118(46-1/2")	30(12")	4	
000731	97(38 1/4")	140(55-1/8")	30(12")	5	
000732	97(38 1/4")	165(65-1/8")	30(12")	6	



FOLDING STEP casted AISI 316

ITEM NO.	base	step	Weight
	mm	mm	
003500	110x43	50x84	430g



BOARDING STEPS casted AISI 316

ITEM NO.	L	W	Weight
000712	5-3/4"(14.6cm)	4-1/4"(10.8cm)	990g

BILGE PUMP, HANDLE



OVAL GRAB RAILS AISI 304

ITEM NO.	Length	Weight
002246	9"(23cm)	190g
002244	12"(30cm)	220g
002245	18"(46cm)	310g
002249	24"(61cm)	378g



HANDLE AISI 316

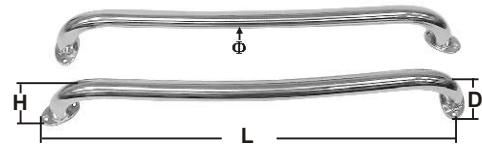
composit left & right

ITEM NO.	Length
002255	9"(23cm)
002256	12"(30cm)
002257	18"(46cm)



HANDLE AISI 304

ITEM NO.	L mm	H mm	Weight
002250	200	90	220g
002251	300	90	290g
002252	500	90	460g



HANDLE AISI 316

composit left & right

ITEM NO.	L mm	H mm	D mm	Φ mm	Weight
002235	490	70	47	22	850g



MANUAL FOOT BILGE PUMP

Black delrin housing with hi-rise outlets on both sides complete with light alloy rustless pedal arm, compact designed for simple in stallation deliver 9.5L/mm (2.5us. G/mm) individually packed in a display box 6/Box

ITEM NO.	Weight/g
007503	1135



MANUAL BILGE PUMP SURFACE MOUNT

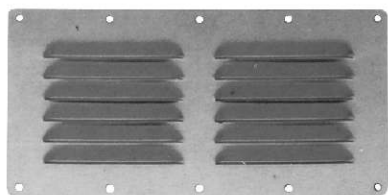
suitable for use on boats up to 9m (30ft) stepped inlet/outlet nipples suitable for either 1"(25mm) or 1-1/2"(38mm) hose connections has removable handle. GPM:11.4 us gals/min (43 litres/min)

spare parts available
Body:acetal copolymer

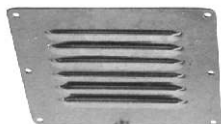
ITEM NO.	Weight/g
007500	870

VENTS

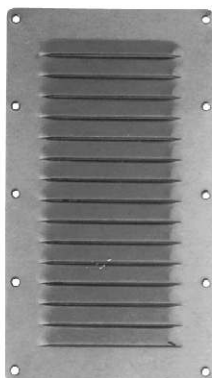
003702



003700



003701

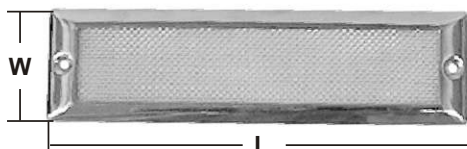


003712

VENT stamped AISI 304

ITEM NO.	L xW mm	Weight/g
003700	127x66(5"x2-5/8")	52
003701	127x115(5"x4-1/2")	79
003702	230x115(9"x4-1/2")	170
003712	228x127(9"x5")	188

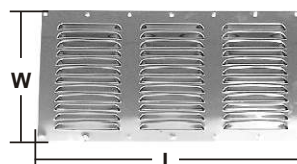
on request AISI 316



VENT stamped AISI 304

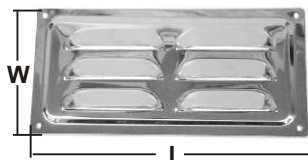
with stainless steel net

ITEM NO.	L mmxWmm	Weight/g
003760	212x57(8-3/8"x2-1/4")	51
003783	225x85(8-7/8"x3-3/8")	75



VENT stamped AISI 304

ITEM NO.	LmmxWmm	Weight/g
003761	355x185(14"x7-1/4")	455
003782	260x90(102"x35")	



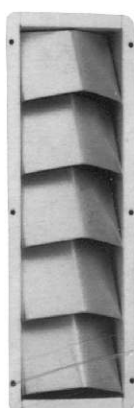
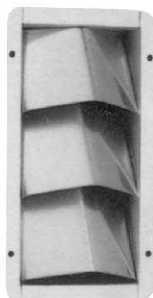
VENT stamped AISI 304

ITEM NO.	LmmxWmm	Weight/g
003788	190x90(75"x35")	

003725

003713

003714

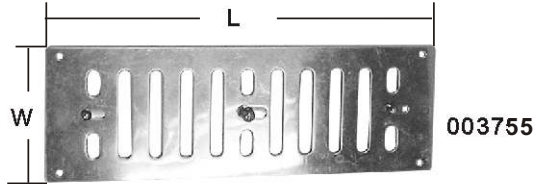
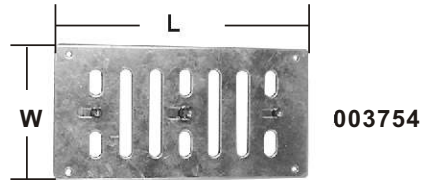
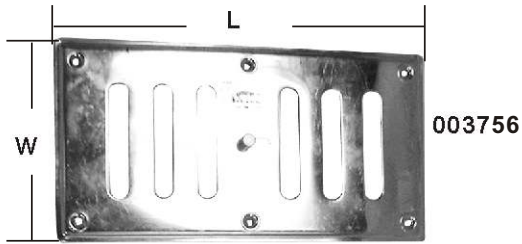


SLOTTED VENTILATOR stamped AISI 304

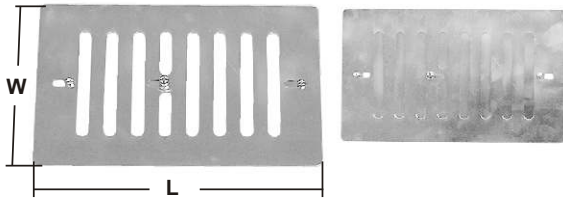
ITEM NO.	cut out mm	Flange mm	Weight/g
003713	186x92(7-5/10"x3-5/8")	208x114(8-1/8"x4-1/2")	260
003714	304x92(12"x3-5/8")	326x114(12-7/16"x4-1/2")	376
003725	500x92(19-3/4"x3-5/8")	530x114(20-3/4"x4-1/2")	700

on request AISI 316

VENTS



VENT ADJUSTABLE stamped AISI 304		
ITEM NO.	L x W mm	Weight/g
003754	152x76(5-7/8"x3")	120
003755	229x76(9"x3")	170
003756	250x113(8-1/2"x4-1/2")	300



VENT ADJUSTABLE stamped AISI 304		
ITEM NO.	LxW mm	Weight/g
003767	220x130 (8.7"x5.1")	300
003768	350x200 (13.8"x7.9")	705



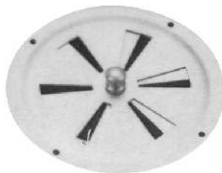
VENT casted AISI 316 heavy duty weight:220g		
ITEM NO.	Lmm x Wmm	Weight/g
003792	83 x 84	210



ROUND TRANSOM VENT stamped AISI 304		
ITEM NO.	O.D.mm	Weight/g
003722	100(4")	45
003727	125(5")	83



ROUND LOCKER VENT GTRILLS stamped AISI 304		
ITEM NO.	O.D.	Weight/g
003716	2-1/2"(63mm)	15
003732	3-1/4"(82mm)	22

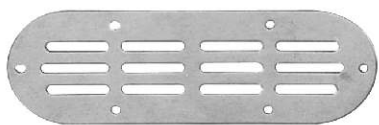


BUTTERFLY VENT stamped AISI 304		
ITEM NO.	Φ mm	Weight/g
003704	100(4")	73
003703	125(5")	67



BUTTERFLY VENT stamped AISI 304		
ITEM NO.	Φ mm	Weight/g
003705	100(4")	69
003706	125(5")	100

VENTS



LOCKER VENT stamped AISI 304

ITEM NO.	Size	Screw	Weight/g
003720	6-3/4"Lx2-3/8W(171x60mm)	#8RH	44

003710 003711



VENT AISI 304

ITEM NO.	LxWxHmm	Type	Weight/g
003710	55x53x16	midget	16
003711	40x44x12	midget	9



DOM VENTS plastic

ITEM NO.	Hole Φ mm	Flange Φ mm	Weight/g
073408	75(3")	120(4-3/4")	140
073409	100(4")	150(6")	178



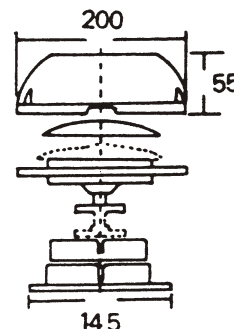
DOM VENTS stamped AISI 304

ITEM NO.	Hole Φ mm	Flange Φ mm	Weight/g
003728	75(3")	115(4-1/2")	384
003729	100(4")	150(6")	310



UFO TRANS VENTILATOR stamped AISI 304 stainless steel cover

ITEM NO.	Hole-Φ mm	Flange-Φ mm	Hight mm	Weight
073407	100(4")	200(8")	30(1-3/16")	438g



DOM VENTS

ITEM NO.	Hole Φ mm	Material	Weight
073405	100(4")	complete-all plastic	404g
073406	100(4")	complete but s.s. top	500g



SHELL VENTILATOR SCIROCCO

stainless steel cover

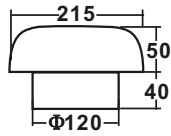
ITEM NO.	Hole-Φ mm	Flange	Weight/g
003730	75(3")	black plastic	182
003758	75(3")	AISI 316	680



COWL VENT plastic white color

ITEM NO.	Hole	Weight/g
073415	3-3/8"(76mm)	168

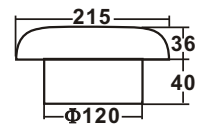
VENT, SOLAR VENT



SOLAR VENTS WITH STAINLESS STEEL COVER stamped AISI 304

It needs rain or shine whether you're on the boat or not. solar cells power the fans for efficient, active venetilation.

ITEM NO.	Basement	Weigt/g
003765	215mm(8-1/2")	880



LOW PROFILE SOLAR VENTS WITH STAINLESS STEEL COVER stamped AISI 304

It needs rain or shine whether you're on the boat or not. solar cells power the fans for efficient, active venetilation. Low profile.

ITEM NO.	Basement	Weigt/g
003769	215mm(8-1/2")	695



GOOSE NECK AISI 316

makes the through-hull passage simple safe and dry.

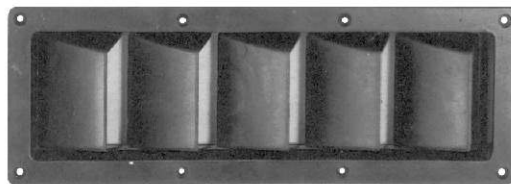
ITEM NO.	Φ mm	L mm		Weigt/g
003717	50(2")	167(6-9/16")	casted	875
003721	22(7/8")	155(6-1/4")	stamp	218
003741	25(1")	155(6-1/4")	stamp	238
003723	35(1-5/8")	160(6-5/16")	casted	400

VENTS



HOSE VENT ABS plastic

ITEM NO.	LxL mm	Weight/g
072885	92x92(3-5/8"x3-5/8")	73



SLOTTED VENT ABS plastic

ITEM NO.	cutout	Size	Color	Weight/g
073130-4	300x85	335x120	black	152
073130-5	300x85	335x120	White	152



TRANSOM VENT

ABS plastic

ITEM NO.	LxL mm	Weight/g
072785	92x92(3-5/8"x3-5/8")	27



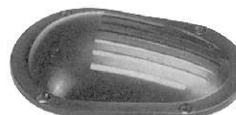
VENT ABS plastic

ITEM NO.	LxW mm	Weight/g
072920	200x100(7-7/16"x4")	67
072926	260x125(10-1/4"x5")	140



VENT ABS plastic

ITEM NO.	Size mm	Weight/g
073310	110(4-5/16")	19
073314	148(5-7/16")	42
073319	190(7-1/2")	



STRAINER FOR THRU HULL nylon black

ITEM NO.	LxW mm	Weight/g
073282	120x81(4-3/4"x3-3/16")	24



NYLON TANK VENT

ITEM NO.	Hmm-Φ	HoseΦ	Weight/g
074200	19mm(3/4")	16mm(5/16")	17

TANK VENTS



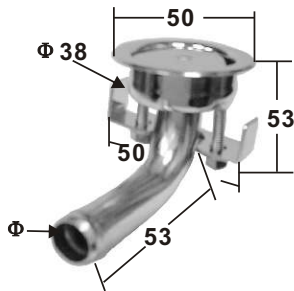
VENTS casted AISI 316

ITEM NO.	Size	Weight/g
003771	1/2"	124
003772	3/4"	386
003773	1"	400



TANK VENTS casted AISI 316
With s.s. screen

ITEM NO.	Thread	Thickness	Weight/g
003770	3/8"	7/8"	91



VENTS 90° stamped AISI 316

ITEM NO.	Φ mm	Weight/g
003749	14(9/16")	96
003757	19(3/4")	114



VENTS 90° stamped AISI 316

ITEM NO.	Hose size	Weight/g
003719	9/16"(14mm)	91
003759	5/8" (16mm)	104
003718	3/4" (19mm)	104



FUEL TANK VENT ROUND HEAD
90°degree casted AISI 316

ITEM NO.	Hose size	Weight/g
003734	14mm(9/16")	113
003762	16mm(5/8")	108
003738	19mm(3/4")	235



FUEL TANK VENT ROUND HEAD casted AISI 316
straight

ITEM NO.	Hose size	Weight/g
003735	14mm(9/16")	111
003796	16mm(5/8")	110
003736	19mm(5/8")	280
003737	25mm(1")	176



TANK VENTS casted AISI 316
flush mount straight with cup

ITEM NO.	Hose size	Weight/g
003763	14mm(9/16")	146
003776	16mm(5/8")	150



TANK VENTS casted AISI 316
flush mount 90° with cup

ITEM NO.	Hose size	Weight/g
003778	14mm(9/16")	142
003779	16mm(5/8")	142

DRAIN SOCKETS



DRAIN SOCKETS

white nylon screw type drain sockets

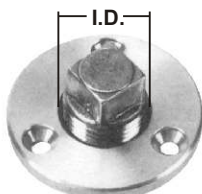
ITEM NO.	Length mm	Dia mm	Weight/g
073926	20	27(1-1/16")	18



DRAIN SOCKETS

brass chromed nylon drainscrew

ITEM NO.	Hole mm	Weight/g
073900	25(1")	34
073925	25(1") all plastic	12



GARBOARD DRAIN PLUG

casted AISI 316

ITEM NO.	I.D.	O.D.	Weight/g
009836	1/2"(12mm)	2"(50mm)	110
009949	1"(25.4mm)		



DRAIN TUBE

formed brass

ITEM NO.	Size	Weight/g
060025	25x75 (1"x3")	36
060038	32x75 (1-1/4"x3")	45



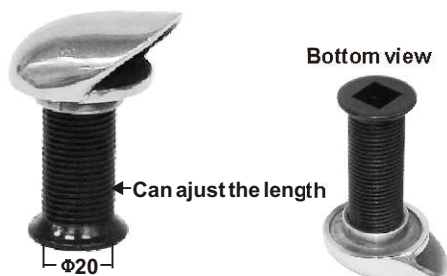
PULL DRAIN PLUGS AND SLEEVES

ITEM NO.	Size mm		Weight/g
009825	25(1")	brass	49
009832	32(1-1/4")	brass	63
009883	25(1")	AISI 316	46



PULL DRAIN PLUGS AND SLEEVES

ITEM NO.	Size mm		Weight/g
009826	25(1")	brass	39
009833	32(1-1/4")	brass	47
009884	25(1")	AISI 316	35



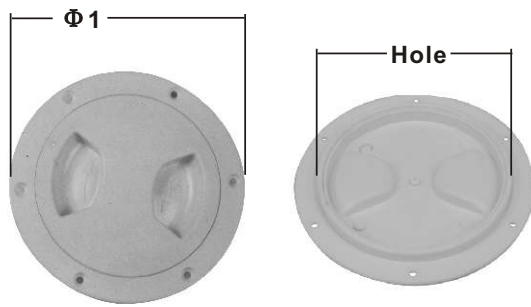
COMPARTMENT DRAIN HOOD

casted AISI 316

with plastic barb adapter thread is nylon can adjust.

The length

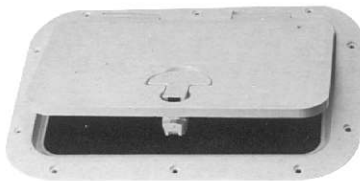
ITEM NO.	Thread mm	Weight/g
003789	19(3/4")	69



INSPECTION PORT

plastic white color

ITEM NO.	Hole Φ	Φ 1		Weight/g
073810	111mm	145mm	smooth	79
073812	137mm	170mm	smooth	88
073815	167mm	205mm	smooth	154
073816	215mm	260mm	smooth	265



INSPECTION HATCHES

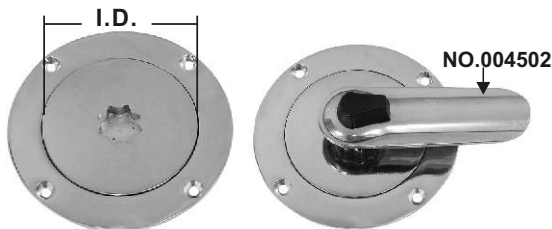
Stainless steel hinge pin make these Hatch tough. large locking T-handle and molded non-slip surface white color.

ITEM NO.	Open	Flange O.D.	Weight
074815	7"x11"(18x28cm)	10-1/4"x14-1/4"(26x36cm)	760g



INSPECTION PORT WITH NYLON BAG

ITEM NO.	Hole Φ
073801	167mm

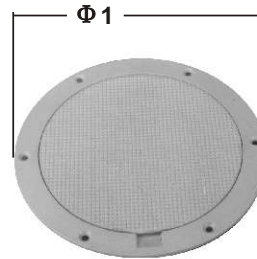


INSPECTION PORT casted AISI 316

Highly polished each set includes deck ring and cap cap is supplied with an o ring to ensure a watertight seal. The deck handle with star patter (NO.004502) can be used of a winch handle to open inspection port. Port fasteners (not include)

ITEM NO.	I.D.	Flange	Cut out	
	mm	O.Dmm	Hole size mm	Weight/g
007406	75(3")	119(4-11/16")	85(3-3/8")	640
007407	100(4")	141(5-9/16")	111(4-3/8")	
007408	125(5")	185(7-5/16")	136(5-3/8")	
004502	key for deck fille			

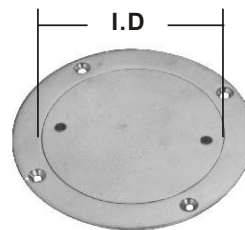
INSPECTION PORT



PRY - OUT INSPECTION PORT

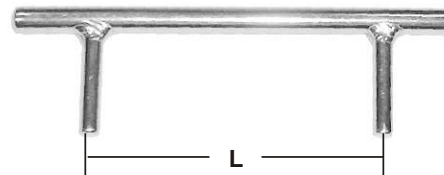
nonskid plastic white color

ITEM NO.	Φ 1	Hole size	Weight/g
073920	250mm(10")	205mm(8")	400



INSPECTION PORT casted AISI 316

ITEM NO.	I.D.	Flange	Cut out	
	mm	O.Dmm	Hole size mm	Weight/g
007403	75(3")	119(4-11/16")	85(3-3/8")	500
007404	100(4")	141(5-9/16")	111(4-3/8")	600
007405	125(5")	185(7-5/16")	136(5-3/8")	1300



INSPECTION PORT KEY AISI 304

stainless steel

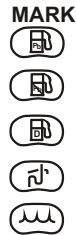
ITEM NO.	Lmm		Weight/g
009907	63	good for NO.007403(3")	34
009908	87	good for NO.007404(4")	64
009909	110	good for NO.007405(5")	125



FLOOR BOARD stamed AISI 304

ITEM NO.	Weight/g
007931	36

DECK FILL



PIPE DECK FILL casted AISI 316

ITEM NO.	Dia mm	Type	Weight
008860	38(1-1/2")	waste	316g
008861	38(1-1/2")	gas	316g
008862	38(1-1/2")	diesel	316g
008863	38(1-1/2")	water	316g
008871	50(2")		584g
008872	50(2")	disel fuel	584g
008873	50(2")	fresh water	584g
008874	50(2")	waste water	584g



FILL KEY casted AISI 316

Good for our no.008860,008861,008862,008863,008871,008872,008873

ITEM NO. Weight/g

008800 21



DECK FILL casted AISI 316

ITEM NO.	Dia mm	OD mm	Type	Weight
008946	38(1-1/2")	75(3")	GAS	414g
008947	38(1-1/2")	75(3")	DIESEL	414g
008948	38(1-1/2")	75(3")	WATER	414g
008949	38(1-1/2")	75(3")	FUEL	414g
008980	50(2")	75(3")	GAS	
008981	50(2")	75(3")	DIESEL	
008982	50(2")	75(3")	WATER	
008983	50(2")	75(3")	FUEL	



PIPE DECK FILL WITH KEY casted AISI 316

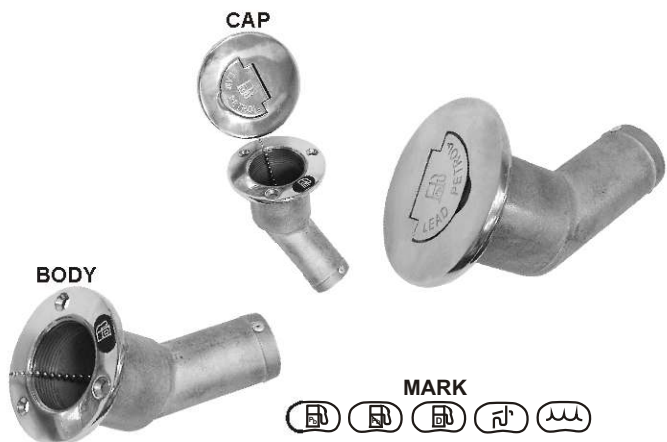
ITEM NO.	Dia mm	Type
008900	38(1-1/2")	waste
008901	38(1-1/2")	gas
008902	38(1-1/2")	diesel
008903	38(1-1/2")	water
008904	50(2")	
008905	50(2")	disel fuel
008906	50(2")	fresh water
008907	50(2")	waste water



DECK FILL casted AISI 316

ITEM NO.	Dia mm	Type	Weight
008941	38(1-1/2")	LEAD PETROL (Body+Cap)	580g
008942	38(1-1/2")	UNLEADED PETROL (Body+Cap)	580g
008943	38(1-1/2")	DIESEL FUEL (Body+Cap)	580g
008944	38(1-1/2")	FRESH WATER (Body+Cap)	580g
008945	38(1-1/2")	WASTE WATER (Body+Cap)	580g
008951	50(2")	LEAD PETROL (Body+Cap)	600g
008952	50(2")	UNLEADED PETROL (Body+Cap)	600g
008953	50(2")	DIESEL FUEL (Body+Cap)	600g
008954	50(2")	FRESH WATER (Body+Cap)	600g
008955	50(2")	WASTE WATER (Body+Cap)	600g
▲008975	38(1-1/2")	BODY	580g
▲008976	50(2")	BODY	640g
▲008977		CAP (can fit 38,50mm body)	

▲order should choice which type mark



DECK FILLER 45° casted AISI 316

ITEM NO.	Dia mm	Type	Weight
008961	38(1-1/2")	LEAD PETROL (Body+Cap)	792g
008962	38(1-1/2")	UNLEAD PETROL (Body+Cap)	792g
008963	38(1-1/2")	DIESEL FUEL (Body+Cap)	792g
008964	38(1-1/2")	FRESH WATER (Body+Cap)	792g
008965	38(1-1/2")	WASTE WATER (Body+Cap)	792g
008966	50(2")	LEAD PETROL (Body+Cap)	
008967	50(2")	UNLEAD PETROL (Body+Cap)	
008968	50(2")	DIESEL FUEL (Body+Cap)	
008969	50(2")	FRESH WATER (Body+Cap)	
008970	50(2")	WASTE WATER (Body+Cap)	
▲008978	38(1-1/2")	ONLY BODY	
▲008979	50(2")	ONLY BODY	
▲008977		CAP (can fit 38,50mm body)	

▲order should choice which type mark



DECK FILL WITH LIFTING HANDLE 45°

casted AISI 316

ITEM NO.	Dia mm	Type	Weight
008956	38	unleaded petrol	795g
008957	38	leaded petrol	795g
008958	38	diesel	795g
008959	38	waster	795g
008960	38	fresh water	795g



DECK FILL

DECK FILL WITH KEYLESS CAP

casted AISI 316

ITEM NO.	Dia	Type	Weight
008810	38(1-1/2")	diesel	485g
008811	38(1-1/2")	fuel	485g
008812	38(1-1/2")	water	485g
008813	38(1-1/2")	waste	485g
008816	50(2")	diesel	500g
008817	50(2")	fuel	500g
008818	50(2")	water	500g
008819	50(2")	waste	500g



DECK FILL WITH KEYLESS CAP

casted AISI 316 nylon cap

ITEM NO.	Cap Marking	Cap Color	ΦDia mm	Weight
009539	gas	red	38(1-1/2")	338g
009540	diesel	green	38(1-1/2")	338g
009541	water	blue	38(1-1/2")	338g
009542	waste	black	38(1-1/2")	338g



HOSE DECK FILL WITH KEYLESS CAP

casted AISI 316

ITEM NO.	Dia	Type	Weight
008867	38(1-1/2")	waste	472g
008868	38(1-1/2")	gas	472g
008869	38(1-1/2")	diesel	472g
008870	38(1-1/2")	water	472g
008877	38(1-1/2")	fuel	472g



DECK FILL casted AISI 316

fit for winch handle to close & open.

ITEM NO.	Dia mm	Type	Weight
008840	37(1-1/2")	FUEL	450g
008841	37(1-1/2")	WATER	450g
008842	37(1-1/2")	WASTE	450g
004502	key for deck fille		

DECK FILL AISI 316 stamped plastic cap

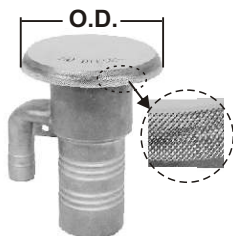
ITEM NO.	ΦDia mm	Type	Weight
009038	38(1-1/2")	water (blue color)	164g
009138	38(1-1/2")	fuel (red color)	164g
009238	38(1-1/2")	waste (brown color)	164g
009350	50(2")	waster(blue color)	200g
009450	50(2")	fuel (red color)	200g
009550	50(2")	waste (brown color)	200g
004502	key for deck fille		

DECK FILLS



PUSH-UP DECK FILL casted AISI 316
push-up tab eliminates the key patented
mechanism locks tap in open and closed
position.

ITEM NO.	Dia mm	O.D. mm	Type	Weight
008925	38(1-1/2")	75(3")	GAS	630g
008926	38(1-1/2")	75(3")	DIESEL	630g
008927	38(1-1/2")	75(3")	WATER	630g
008928	38(1-1/2")	75(3")	WASTE	630g



DECK FILL & TANK VENT casted AISI 316
has a vent with a flame arrestor into grated
in the fill flange.

ITEM NO.	ΦDia mm	O.D. mm	Marking	Weight
008971	38(1-1/2")	85(3-5/16")	GAS	500g
008972	38(1-1/2")	85(3-5/16")	DIESEL	500g
008973	38(1-1/2")	85(3-5/16")	WATER	500g
008974	38(1-1/2")	85(3-5/16")	WASTE	500g



DECK FILL WITH GUARD casted AISI 316

ITEM NO.	ΦDia mm	Type	Weight/g
008864	38(1-1/2")	gas	350



WASTE casted AISI 316

ITEM NO.	O.D. mm	Dia mm	Weight/g
008859	85	50(2")	500



DECK FILL WITH KEY casted AISI 316

ITEM NO.	O.D. mm	Dia mm	Marking	Weight/g
008893	90	50(2")	GAS	690
008894	90	50(2")	DIESEL	690
008895	90	50(2")	FUEL	690



**DECK FILL WITH KEYLESS CAP
AND SPLASH GUARD** Fiberglass nylon

ITEM NO.	Body	Cap	Cap		
	Color	Marking	Color	ΦDia mm	Weight
074138	black	diesel	green	38(1-1/2")	240g
074238	black	gas	red	38(1-1/2")	240g
074250	white	gas	red	50(2")	240g



DECK FILL WITH KEYLESS CAP Fiberglass nylon

ITEM NO.	Body	Cap	Cap		
	Color	Marking	Color	ΦDia mm	Weight
074338	black	gas	red	38(1-1/2")	102g
074350	white	gas	red	50(2")	
074438	black	diesel	green	38(1-1/2")	102g
074538	black	oil	black	38(1-1/2")	102g
074638	black	water	blue	38(1-1/2")	102g
074738	black	waste	black	38(1-1/2")	102g

CLEAT



POP-UP CLEATS casted AISI 316
Retractable stainless-steel cleat retracts to only 12.5mm(1/2") above deck and has direct drainage to the bilge. corrosion-free. installs easily. hardware included.

ITEM NO.	Length mm	Inch	Weight
003855	115	4-1/2"	580g
003856	150	6"	700g



OPEN BASE ECONOMY CLEAT AISI 316

ITEM NO.	Length mm	Inch	Weight
003846	150	6	120g
003848	200	8	214g
003851	250	10	380g



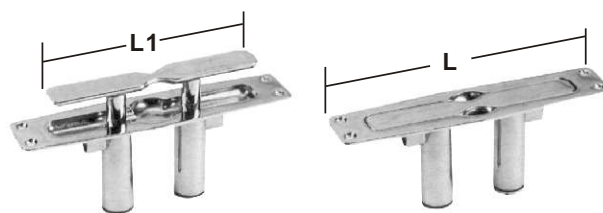
OPEN BASE CLEAT HEAVY DUTY AISI 316

ITEM NO.	Length mm	Weight
003817H	200(8")	630g



CLEAT AISI 316

ITEM NO.	Length mm	Thread	Weight
003844	215(8-1/2")	M8	690g



SINKING CLEAT casted AISI 316

ITEM NO.	L mm	L1 mm	Weight
003823	195	150(6")	640g



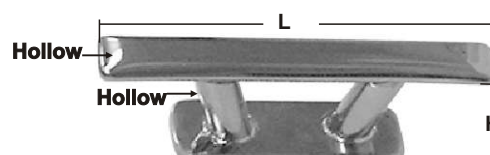
OPEN BASE CLEAT AISI 316

ITEM NO.	Length mm	Inch	Weight
003815	125	5	120g
003816	150	6	218g
003817	200	8	330g
003818	250	10	600g
003819	305	12	910g
003837	380	15	3200g



CAMEL STYLE CLEAT AISI 316

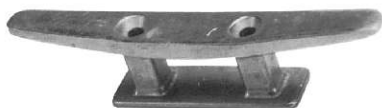
ITEM NO.	Length mm	Inch	Thread	Weight
003858	200	8	M8	250g
003859	250	10	M10	426g



CLEAT stainless steel AISI 316
with electric plated

ITEM NO.	L mm	H mm	Thread	Weight
003861	150(6")	45	M8	
003862	200(8")	55	M10	855g
003863	250(10")	70	M10	

CLEAT



LOW FLAT CLEAT with 2 holes AISI 316

ITEM NO.	Length mm	Inch	Weight
003800	100	4	80g
003801	125	5	110g
003802	150	6	210g
003803	200	8	350g
003804	250	10	630g



LOW FLAT CLEAT with 4 holes AISI 316

ITEM NO.	Length mm	Inch	Weight
003809	100	4	88
003810	125	5	145
003811	150	6	240
003812	200	8	570
003813	250	10	630



SPLIT BOLARDS AISI 316

The slotted center shaft simply and effectively secures the anchor chain

ITEM NO.	Chain Size mm	Height mm	Base mm	Weight
003847	8-10	84	62x62	680g



SPLIT BOLARDS AISI 316

for additional security with a quick release pin suitable for regual or long link chain

ITEM NO.	Chain Size mm	Height mm	Base mm	Weight
003841	8-10	84	62x62	600g



POP-UP MINI CLEATS casted AISI 316 for small boats.

ITEM NO.	Base mm	Hole mm	Weight/g
003871	89x31	22	260
003874	130x40	22	480



CLEAT AISI 316

ITEM NO.	Length	Inch	Thread	Weight/g
003872	150 mm	6	6 mm	140
003873	200 mm	8	8 mm	

CLEAT



CLEAT casted AISI 316

ITEM NO.	Length	Inch	Thread
003867	170mm	7	M10



SKENE TYPE CLEAT AISI 316

ITEM NO.	Length	Inch	Width	Rope - Φ	side	Weight
003805	115mm	4-1/2	23mm	10	R	110g
003806	115mm	4-1/2	23mm	10	L	110g
003807	155mm	6	35mm	16	L	260g
003808	155mm	6	35mm	16	R	260g



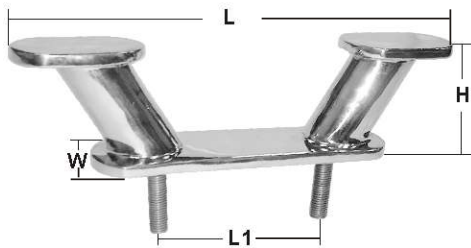
STRAIGHT CHOCK casted AISI 316

ITEM NO.	Length mm	Inch	Fastener	Weight/g
003820	125	5	#10 FH	170
003821	150	6	1/4" FH	170



FAIRLEADS casted AISI 316

ITEM NO.	Length mm	Inch	Weight/g
003826	200	8	1160
003827	215	8-1/2	1600
003829	270	10-1/2	4447
003849	320	12-1/2	5680



HORN BOLLARD CLEAT casted AISI 316

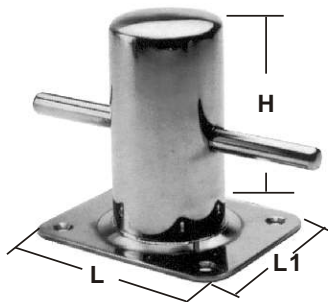
ITEM NO.	L mm	L1 mm	W mm	H mm	Thread	Weight
003839	350	162	70	90	16	3060g



LIP CLEAT AISI 316

With 2pcs screw (M10x120mm)

ITEM NO.	Length	Width	Roller Φ	Weight
003865	205mm (8-1/16")	40mm (1-5/8")	35mm (1-3/8")	1554g
003866	263mm	46mm (1-13/16")	43mm (1-3/16")	2688g



MOORING BITTS stamped AISI 316

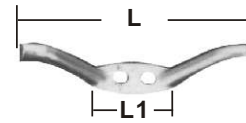
ITEM NO.	L mm	L1 mm	H mm	Weight/g
003824	90(3-3/4")	80(3-1/8")	100(4")	270
003825	95(3-7/8")	120(4-3/4")	120(4-3/4")	700

CLEAT



HORN BOLLARD CLEAT casted AISI 316

ITEM NO.	L mm	L1 mm	H mm	Base mm	Weight
003830	95	156	55	140x40(5-1/2"x1-37/64")	640g
003831	104	175	65	170x50(6-3/4"x2")	990g
003832	118	200	85	200x70(7.87"x2-3/4")	1750g
003833	146	240	90	250x75(9.84"x3")	2750g
003834	170	280	115	300x100(11.8"x4")	5400g



FLAG POLE CLEAT stamped AISI 304

ITEM NO.	L1 mm	L mm	Weight/g
004050	10	50	9
004060	10	60	10
004080	10	80	26
004010	16	100	33



CAM CLEATS nylon plastic

ITEM NO.	Length mm	Weight/g
072060	60(2-3/8")	3
072075	75(3")	8
072010	110(4-3/8")	13
072013	130(5-1/8")	25
072017	170(6-3/4")	51
072021	210(8-1/4")	87



DOCK CLEAT HEX HEAD

Hot dipped galvanized iron

ITEM NO.	Length mm	Inch	Weight/g
020506	150	6"	143
020508	200	8"	634
020510	250	10"	948
020512	305	12"	1460



LOW FLAT CLEAT with 4 holes plastic

ITEM NO.	Length mm	Inch	Weight/g
072020	200	8	80



SKENE TYPE CLEAT nylon plastic

ITEM NO.	Length	Weight/g
072015	155mm	126



CLEATS nylon plastic

ITEM NO.	Length	Φmm	Weight/g
072115	150mm	7	62



MALLEABLE IRON HOT DIPPED

ITEM NO.	Base	Weight/g
020520	110x60mm(4-3/8"x2-3/8")	750
020521	140x80mm(5-1/2"x3-1/8")	1400



MINI BLOCK AISI 304
For 6mm dia rope plastic sheaves
25x9.2mm 1 sheave
ITEM NO. Weight/g
010025 29 100/Box



BLOCK AISI 304
For 8mm dia rope plastic sheaves
30x10mm 1 sheaves
ITEM NO. Weight/g
011230 39 100/Box



MINI BLOCK AISI 304
For 10mm dia rope plastic sheaves
35x11mm 1 sheaves
ITEM NO. Weight/g
012235 53 100/Box



BLOCK AISI 304
For 12mm dia rope plastic sheaves
42x13mm 1 sheaves
ITEM NO. Weight/g
013242 63 100/Box



BLOCK AISI 304
For 8mm dia rope brass sheave
30x10mm 1 sheaves
ITEM NO. Weight/g
058130 81



BLOCK AISI 304
For 6mm dia rope plastic sheaves
25x9.2mm 1 sheaves
ITEM NO. Weight/g
011000 50



BLOCK AISI 304
For 8mm dia rope plastic sheaves
30x10mm 1 sheaves
ITEM NO. Weight/g
012008 60



BLOCK AISI 304
For 10mm dia rope plastic sheaves
35x11mm 1 sheaves
ITEM NO. Weight/g
012010 71

BLOCK



BLOCK AISI 304
For 12mm dia rope
plastic sheaves
42x13mm 1 sheaves
ITEM NO. Weight
012012 82g



CHEEK BLOCK AISI 304
plastic sheaves 42x13mm
1 sheaves with strap
ITEM NO. Weight
016165 66g



CHEEK BLOCK AISI 304
plastic sheaves 65x11mm
1 sheaves with open strap
ITEM NO. Weight
017165 66g



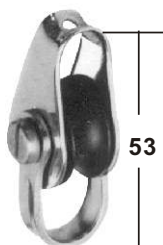
MINI BLOCK AISI 304
For rope $\Phi 10$ mm
plastic sheaves 20x10mm with
wire swivel and fender cleat
ITEM NO. Weight
017120



BLOCK AISI 304
For rope $\Phi 10$ mm
plastic sheaves
20x10mm wire swivel
ITEM NO. Weight
019120



MINI BLOCK AISI 304
For rope $\Phi 10$ mm plastic sheaves
20x10mm sheaves with wire swivel
ITEM NO. Weight
018120



BLOCK AISI 304
For rope $\Phi 10$ mm
plastic sheaves 20x10mm
sheaves with becket
ITEM NO. Weight
016120



MINI BLOCK AISI 304
For rope $\Phi 6$ mm
plastic sheaves 20x10mm
ITEM NO. Weight
019110



BLOCK AISI 304
For rope $\Phi 8$ mm
plastic sheaves 35x11mm
ITEM NO. Weight
019108 31g



BLOCK AISI 304
For rope $\Phi 6$ mm
plastic sheaves 20x10mm
ITEM NO. Weight
012013 18g

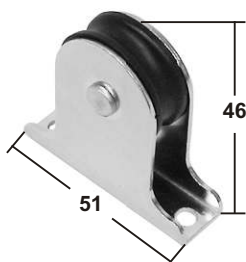


BLOCK AISI 304
For rope $\Phi 8$ mm
plastic sheaves 35x11mm
with becket
ITEM NO. Weight
012015 44g

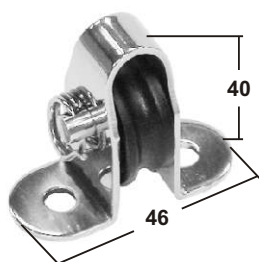


BLOCK AISI 304
For rope $\Phi 6$ mm
plastic sheaves 20x10mm
with becket
ITEM NO. Weight
012014 25g

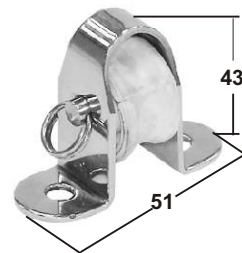
BLOCK



SINGLE LEAD BLOCK AISI 304
For rope $\Phi 6$ mm
plastic sheaves 30x11mm
ITEM NO. Weight
012011 46g



SINGLE LEAD BLOCK AISI 304
For rope $\Phi 6$ mm
plastic sheaves 25x9.2mm 1sheave
pin with split ring can take out.
ITEM NO. Weight
012027 31g



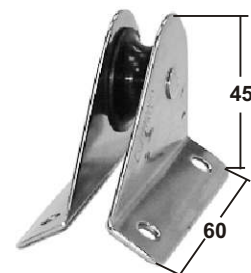
SINGLE LEAD BLOCK AISI 304
For rope $\Phi 10$ mm
plastic sheaves 25x10mm 1sheave
pin with split ring can take out.
ITEM NO. Weight
012028 35g



SINGLE LEAD BLOCK AISI 304
For rope $\Phi 6$ mm
brass sheaves 25x6mm 1sheave
pin with split ring can take out.
ITEM NO. Weight
012029



FOLDING BLOCK AISI 304
For rope $\Phi 10$ mm
plastic sheaves 25x10mm 1sheave
ITEM NO. L mm Weight
012026 38



SINGLE LEAD BLOCK AISI 304
For rope $\Phi 4 \sim \Phi 6$ mm
plastic sheaves 25x9.2mm
ITEM NO. Weight
012025



TURNING BLOCK AISI 304
For 6mm dia rope plastic sheaves
25x9.2mm 1 sheave
ITEM NO. Weight/g
012033 40



TURNING BLOCK AISI 304
For 8mm dia rope plastic sheaves
30x10mm 1 sheave
ITEM NO. Weight/g
012034 60



TURNING BLOCK AISI 304
For 10mm dia rope plastic sheaves
35x11mm 1 sheave
ITEM NO. Weight/g
012035 70



STANCHION ROLLER AISI 304
High speed stanchion roller. This railing-rolls permits to lead the line outside of the railing. The block running in ball bearings. Performed a perfect function and an easy run. Suitably for 25mm railing, line up to 13mm.
ITEM NO. Weight/g
012032



JAMMING BLOCK AISI 304
For 6mm dia rope plastic sheaves
25x9.2mm 1 sheave
ITEM NO. Weight/g
012037 40



TURNING BLOCK AISI 304
with hollow arle can be fixed horizontally
For 6mm dia rope plastic sheaves
25x9.2mm 1 sheave
ITEM NO. Weight/g
012036 30

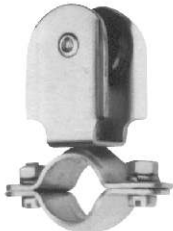
FURING BLOCK



MINI BLOCK nylon
single block elongated eye
for wite dia 3mm (1/8")
sheave 4mm (9/16")
ITEM NO. Weight/g
012003 9



FURLING BLOCK WITH SWIVEL
Mode of plastic
it is to be fitted to a $\Phi 25\text{mm}$ ($\Phi 1"$)
stanchion or pulpit
ITEM NO. Weight/g
009821 59



FURLING BLOCK AISI 304
With plastic sheaves to be
fitted to a $\Phi 25\text{mm}$ ($\Phi 1"$)
stanchion of pulpit
ITEM NO. Type Weight
009819 Fixed 105g
009820 Swivel 105g



MASTFITTING AISI 304
ITEM NO. Weight
004318 120g



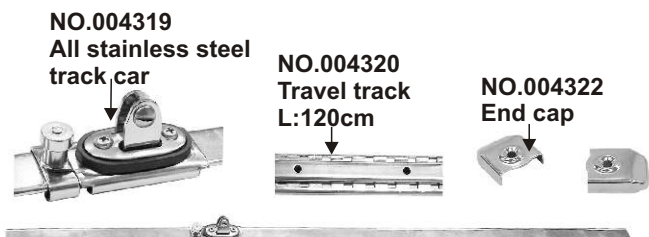
MANE BLOCK, SINGLE SHEAVES AISI 304
ITEM NO. Size mm Dia of sheave mm Weight gms Weight
019525 25(1") 25 12.5 92g
019532 32(1-1/4") 32 16.8 176g
019550 50(2") 50 39 320g



FURLING BLOCK
Mode of plastic
it is to be fitted to a $\Phi 25\text{mm}$ ($\Phi 1"$)
stanchion or pulpit
ITEM NO. Weight/g
009822 42



FURLING BLOCK AISI 304
With plastic sheaves to be fitted to
pipe 25mm ($\Phi 1"$) stanchion or pulpit
ITEM NO. Length mm Sheaves mm Weight
009823 67 25x10 89g



SLEEK TRACK SYSTEM

New innovative all stainless steel track system that can be operated by hand or tool. This system offers ultra low profile design with a special positive locking system.

ITEM NO.		
004319	Track car	AISI 316
004320	Travel track	AISI 316
004322	End cap	AISI 316

BIMINI TOP FITTING



TOP SLIDE casted AISI 316

ITEM NO.	Tube O.D.	Pin size	Weight
009700	19mm(3/4")	6mm	60g
009729	20mm(25/32")	6mm	60g
009701	22mm(7/8")	6mm	130g
009736	25mm(1")	6mm	110g
009713	30mm(1-3/16")	6mm	114g
009714	32mm(1-17/64")	6mm	123g



TOP CAP casted AISI 316

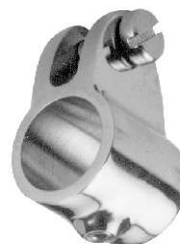
ITEM NO.	Tube O.D.	Eye	Weight/g
009704	19mm(3/4")	6mm	83
009737	20mm(25/32")	6mm	83
009705	22mm(7/8")	6mm	115
009740	25mm(1")	6mm	100
009788	30mm(1-3/16")	6mm	150
009789	32mm(1-17/64")	6mm	150



TOP SLIDE casted AISI 316

Ideal for installing bimini tops stringers for fender racks or wherever a rail mounted hinge is commonly needed

ITEM NO.	Tube O.D.	Weight/g
009784	20mm(25/32")	193
009780	22mm(7/8")	176
009781	25mm(1")	160
009783	30mm(1-3/16")	200
009782	32mm(1-1/4")	240
009911	45mm(1-3/4")	360



HEAVY DUTY TOP SLIDE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009701H	22mm(7/8")	120g
009736H	25mm(1")	173g
009713H	30mm(1-3/16")	115g
009714H	32mm(1-17/64")	125g



HEAVY DUTY TOP CAP casted AISI 316

ITEM NO.	Tube O.D.	Weight
009705H	22mm(7/8")	112g
009740H	25mm(1")	125g
009788H	30mm(1-3/16")	145g
009789H	32mm(1-17/64")	150g



TOP SLIDE WITH CLEVIS PINS casted AISI 316

two halves slide together and interlock so these fittings can be mounted without disassembling the rail. stringers for fender racks or wherever a rail - mounted hinge is commonly needed.

ITEM NO.	Tube O.D.	Weight/g
009780H	22mm(7/8")	190
009781H	25mm(1")	190
009783H	30mm(1-3/16")	200
009782H	32mm(1-17/64")	255

BIMINI TOP FITTING



TOP CAP ball end casted AISI 316

ITEM NO.	Tube O.D.	Weight
009946	22mm(7/8")	102g
009947	25mm(1")	100g



TOP CAP 90° side mount AISI 316

ITEM NO.	Tube O.D.	Weight
009948	22mm(7/8")	102g
009954	25mm(1")	96g



TOP SLIDE QUICK RELEASE

ITEM NO.	Tube O.D.	Weight
009674	22mm(7/8")	
009675	25mm(1")	



JAW SLIDE casted AISI 316
special plastic inserts ensure smooth movement & tight rattle free fit. Include pin. Base for top cap with ball end.

ITEM NO.	Tube O.D.	Weight
009957	22mm(7/8")	130g
009970	25mm(1")	145g



DECK HINGE FLAT casted AISI 316
special plastic inserts ensure smooth movement & tight rattle free fit. Include pin & lanyards. Base for top cap with ball end.

ITEM NO.	Weight/g
009955	81



DECK HINGE CONCAVE casted AISI 316
special plastic inserts ensure smooth movement & tight rattle free fit. Include pin & lanyards.

ITEM NO.	Tube O.D.	Weight
009956	25mm(1")	81g



SLIDE WITH TOP CAP AISI 316

ITEM NO.	L mm	W mm	Tube O.D.	Weight
009628	65	31	25mm(1")	270g



SLIDE WITH STOP END stamped AISI 304

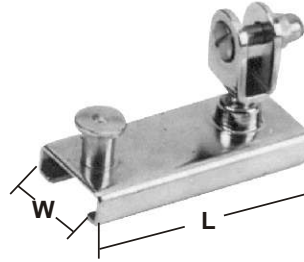
ITEM NO.	L mm	W mm	Weight
009621	65	31	73g

BIMINI TOP FITTING



SLIDE WITH STOP END stamped AISI 304

ITEM NO.	L mm	W mm	Weight
009623	65	31	95g



SLIDE WITH STOP END stamped AISI 304
with swivel

ITEM NO.	L mm	W mm	Weight/g
009625	65	31	95
009632	95	41	



REPLACEMENT NYLON CAR LINER

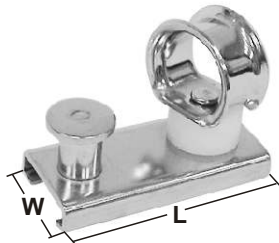
For 32mm(1-1/4") track

ITEM NO.	Weight/g
074001	2



BLOCK WITH SLIDE stamped AISI 304

ITEM NO.	L mm	W mm
009627	65	31



SLIDE WITH ROPE GUIDE stamped AISI 304

ITEM NO.	L mm	W mm	Weight/g
009624	65	31	89



90° DECK HINGE REMOVABLE PIN casted AISI 316

ITEM NO.	Base mm	Weight/g
009897	60x20(2-3/8"x25/32")	99



DECK HINGE 90° casted AISI 316

ITEM NO.	Base mm	Bolt mm	Weight/g
009732	60x20	6	93



ANGLE BASE DECK HINGE casted AISI 316

ITEM NO.	Base mm	Bolt mm	Weight/g
009734	60x20	6	100

BIMINI TOP FITTING



ANGLE WITH REMOVABLE PIN casted AISI 316

ITEM NO.	Base mm	Weight/g
009986	60x20	97



CONCAVE BASE DECK HINGE casted AISI 316

ITEM NO.	Base	Pin	Weight/g
009743	3/4"x2-1/4"(19x57mm)	1/4"	96



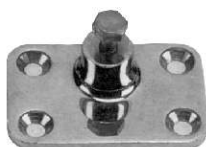
CONCAVE BASE DECK HINGE WITH REMOVABLE PIN casted AISI 316

ITEM NO.	Base	Pin	Weight/g
009913	3-1/4"x2-1/4"(19x57mm)	1/4"	97



SIDE MOUNT HINGE casted AISI 316

ITEM NO.	Base mm	Bolt mm	Weight/g
009731	50x23	6	67



HEAVY DUTY SIDE MOUNT DECK HINGE

casted AISI 316

ITEM NO.	Base	Pin size	Weight/g
009894	1-7/8"x2-13/16"(47x71mm)	5/16"	145



DECK HINGE casted AISI 316

ITEM NO.	Base	Weight/g
009710	2-1/4"x1-5/8"(57x41mm)	110



LIFE LINE BASE casted AISI 316

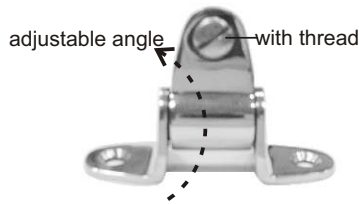
ITEM NO.	Base	Fastener	Weight
009895	2-7/16"x1-1/2"(90x36mm)	#10	80g



TUBE JOINT AISI 304
for tube inside Φ 18mm

ITEM NO. **009987**

BIMINI TOP FITTING



UNIVERSAL DECK HINGE casted AISI 316
 ITEM NO. Base Weight/g
009712 3-1/4"x1"(82x25mm) 135



UNIVERSAL DECK HINGE Casted AISI 316
 ITEM NO. L mm W mm H mm Weight
009912 70 25 45 180g



QUICK RELEASE BIMINI TOP HINGE casted AISI 316
 ITEM NO. Weight/g
009981 127



CAP WITH THREAD
 casted AISI 316
 ITEM NO. Tube O.D. Weight/g
009974L 25mm(1") Left thread 140
009974R 25mm(1") Right thread 140



BIMINI HINGE FOR TUBE casted AISI 316
 ITEM NO. Tube O.D. Weight/g
009904 20mm(25/32") 180
009905 22mm(7/8") 190
009906 25mm(1") 240



FLUSH BIMINI FITTING casted AISI 316
 with jaw and bolt.
 ITEM NO. L mm W mm
009985 48 29



BIMINI HINGE FOR TUBE casted AISI 316
 ITEM NO. Tube O.D.
009677 22mm(7/8")



EXTERNAL SWIVELING JOINT casted AISI 316
 ITEM NO. Tube O.D. Weight/g
009672 22mm(7/8")
009673 25mm(1")

BIMINI TOP FITTING



GRAB HANDLE CONNECTION

casted AISI 316

ITEM NO.	L mm	D mm	Weight/g
009972	75(3")	22(7/8")	220
009973	75(3")	25(1")	230



GRAB HANDLE CONNECTION

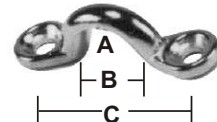
casted AISI 316

ITEM NO.	L mm	D mm	Weight/g
009978	75(3")	22(7/8")	
009979	75(3")	25(1")	



GRAB HANDLE CONNECTION Casted AISI 316

ITEM NO.	L mm	D mm	Weight/g
009914	80(3-1/8")	25(1")	230



PAD EYE casted AISI 316

ITEM NO.	A	B	C	Fastener	Weight
003004	3/8"(8mm)	1/2"(3mm)	1-3/8"(35mm)	#10	10g



TOP SLIDE stamped AISI 316

ITEM NO.	Dia mm	Weight/g
009657	25(1")	97



TOP SLIDE stamped AISI 316

ITEM NO.	Dia mm	Weight/g
009652	25(1")	77



TOP SLIDE WITH PLASTIC KNOB stamped AISI 316

ITEM NO.	Dia mm	Weight/g
009654	25(1")	



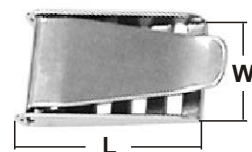
HOOK stamped AISI 304

ITEM NO.	L mm	L1 mm	Weight
009658	29	18	3g



HOOK stamped AISI 304

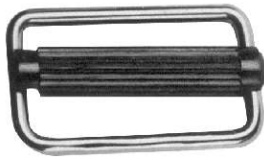
ITEM NO.	Dia mm	Weight/g
009659	29(1")	3



LEVER BUCKLES stamped AISI 304 (A2)

ITEM NO.	W mm	L mm	Weight/g
002570	25	50	29
002571	40	55	59
002572	50	60	76

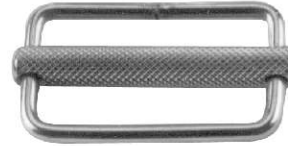
BIMINI TOP FITTING



BUCKLE FOR WEBBING

stainless steel with nylon bar

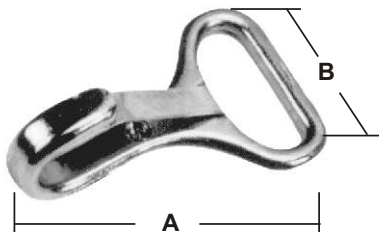
ITEM NO.	Size mm	Weight/g
004325	25	13
004330	30	20
004340	40	24
004350	50	28



BUCKLE FOR WEBBING

stainless steel frame with stainless steel bar

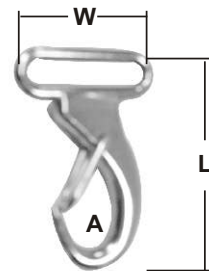
ITEM NO.	Size	Weight/g
004343	25mm(1")	29
004344	30mm(1-1/6")	38
004345	40mm(1-37/64")	42
004341	50mm(2")	55



CANVAS SNAP

casted AISI 316

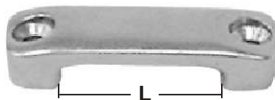
ITEM NO.	A mm	B mm	Weight/g
000405	58(2-5/16")	27(1-1/16")	16



WEB SNAP HOOK

AISI 316

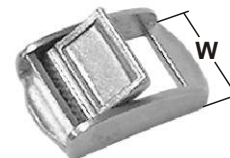
ITEM NO.	A mm	L mm	W mm	Weight/g
000404	8	60	30	35



FOOTMAN LOOPS FOR STRAPS

Casted AISI 316

ITEM NO.	L mm	Weight/g
008428	28.5	31



STRAP BUCKLES

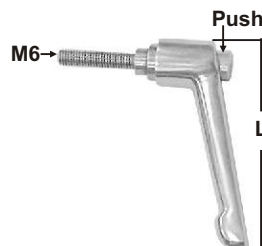
Casted AISI 316

ITEM NO.	W mm	Weight/g
008427	25	44



STAINLESS STEEL CABLE WITH TAB

ITEM NO.	Weight/g
009735	8



HANDLE

casted AISI 316

ITEM NO.	L mm	Weight/g
004503	80	91



NYLON HEAD SCREW

ITEM NO.	Thread	Weight/g
074002	M6	22

RAIL FITTING



45° TEE casted AISI 316

ITEM NO.	Tube O.D.		Weight
009761	22mm(7/8")	Right hand	117g
009773	22mm(7/8")	Left hand	110g
009775	25mm(1")	Right hand	120g
009787	25mm(1")	left hand	120g



60° TEE LEFT HAND casted AISI 316

ITEM NO.	Tube O.D.	Weight
009746	22mm(7/8")	120g
009747	25mm(1")	190g
009990	30mm(1-1/16")	196g



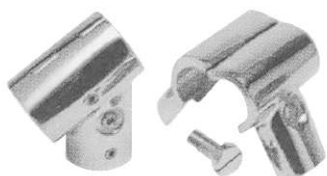
60° TEE RIGHT HAND casted AISI 316

ITEM NO.	Tube O.D.	Weight
009725	22mm(7/8")	108g
009726	25mm(1")	190g
009991	30mm(1-1/16")	200g



60° UNIVERSAL TEE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009793	22mm(7/8")	120g
009795	25mm(1")	130g
009778	30mm(1-1/6")	142g



SPLIT 60° TEE BASE casted AISI 316

is ideal for installing rail fitting devices without disassembling the rail

ITEM NO.	Tube O.D.	Weight
009931	22mm(7/8")	216g
009932	25mm(1")	250g



90° TEE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009727	22mm(7/8")	125g
009728	25mm(1")	120g
009730	30mm(1-1/6")	140g
009785	45mm(1-49/64")	250g



SPLIT 90° TEE BASE casted AISI 316

is ideal for installing rail fitting devices without disassembling the rail

ITEM NO.	Tube O.D.	Weight
009918	22mm(7/8")	225g
009919	25mm(1")	263g



90° ELBOW casted AISI 316

ITEM NO.	Tube O.D.	Weight
009741	22mm(7/8")	130g
009742	25mm(1")	150g
009744	30mm(1-1/6")	180g

RAIL FITTING



30° RECTANGULAR BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009721	22mm(7/8")	75x45	#10 FH	182g
009722	25mm(1")	75x47	1/4" FH	190g



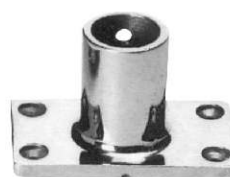
45° RECTANGULAR BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009719	22mm(7/8")	75x45	#10 FH	158g
009720	25mm(1")	75x47	1/4" FH	180g



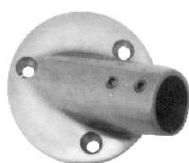
60° RECTANGULAR BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009717	22mm(7/8")	75x45	#10 FH	196g
009718	25mm(1")	75x47	1/4" FH	190g



90° RECTANGULAR BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009723	22mm(7/8")	75x45	#10 FH	155g
009724	25mm(1")	75x47	1/4" FH	190g
009733	30mm(1-1/6")	75x47	1/4" FH	230g



30° ROUND BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009706	22mm(7/8")	63	#10 FH	160g
009707	25mm(1")	71	1/4" FH	185g



45° ROUND BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009708	22mm(7/8")	63	#10 FH	176g
009709	25mm(1")	71	1/4" FH	165g



60° ROUND BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Fastener	Weight
009921	20mm(3/4")	63	#10 FH	190g
009748	22mm(7/8")	63	#10 FH	190g
009749	25mm(1")	71	1/4" FH	200g
009992	30mm(1-1/16")	71	1/4" FH	200g



90° ROUND BASE casted AISI 316

ITEM NO.	Tube O.D.	Base	Fastener	Weight
009715	22mm(7/8")	63mm	#10 FH	180g
009716	25mm(1")	71mm	1/4" FH	170g
009768	30mm(1-1/6")	74mm		230g
009769	40mm	84mm		300g
009786	45mm(4-49/64")	84mm		310g

RAIL FITTING



30° BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Weight
009997	20mm(3/4")	50	500g
009998	22mm(7/8")	52	480g
009999	25mm(1")	54	550g



90° BASE casted AISI 316

ITEM NO.	Tube O.D.	Base mm	Weight
009989	20mm(3/4")	44	450g
009995	22mm(7/8")	46	440g
009996	25mm(1")	48	500g
009680	30mm(1-1/6")	50	520g



RAIL TEES casted AISI 316

4-way tee

ITEM NO.	Tube O.D.	Weight
009779	22mm(7/8")	205g
009792	25mm(1")	300g
009799	30mm(1-1/6")	270g



3-WAY CORNER FITTING casted AISI 316

ITEM NO.	Tube O.D.	Weight
009796	22mm(7/8")	184g
009797	25mm(1")	190g
009798	30mm(1-1/6")	310g



GRAB RAIL POSTS casted AISI 316

end post

ITEM NO.	Tube o.d.	Thread	Weight
009923	22mm(7/8")	M8	160g
009924	25mm(1")	M8	155g



GRAB RAIL POSTS casted AISI 316

center

ITEM NO.	Tube o.d.	Thread	Weight
009922	22mm(7/8")	M8	155g
009925	25mm(1")	M8	150g



STANCHION SLEEVE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009759	22mm(7/8")	50g
009702	25mm(1")	110g



90° TEE SLEEVE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009790	22mm(7/8")	220g
009791	25mm(1")	255g

RAIL FITTING



SIDE MOUNT casted AISI 316

ITEM NO.	Tube O.D.	Weight
009766	13mm(1/2")	116g



TOP SLIDE casted AISI 316

ITEM NO.	Tube O.D.	Pin hole	Weight
009899	25mm(1")	10mm	115g



60° CENTER STANCHIONS casted AISI 316

ITEM NO.	Tube O.D.	Weight
009752	22mm(7/8")	135g
009770	25mm(1")	120g



60° AFT STANCHIONS casted AISI 316

ITEM NO.	Tube O.D.	Weight
009751	22mm(7/8")	148g
009772	25mm(1")	145g



120° FORWARD STANCHIONS casted AISI 316

ITEM NO.	Tube O.D.	Weight
009753	22mm(7/8")	150g
009771	25mm(1")	120g



END FITTING END OUT casted AISI 316

ITEM NO.	Tube O.D.	Weight
009757	22mm(7/8")	190g



BOW FORM casted AISI 316

ITEM NO.	Tube O.D.	Weight
009703	22mm(7/8")	125° 245g
009711	22mm(7/8")	110° 232g



STANCHION SLEEVE casted AISI 316

ITEM NO.	Tube O.D.	Weight
009760	22mm(7/8")	190g
009980	30mm(1-1/8")	240g

RAIL FITTING



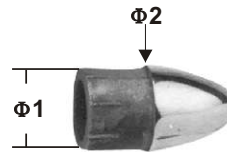
LIFTING ADAPTER PLATE stamped AISI 304
For use with 1/2" bow or stern eye
ITEM NO. Threaded Weight
005400 for 5/8" 450g



RING, CLEAT COMBINATION casted AISI 316
ITEM NO. Eye size mm For rod size Fastener Weight
009750 38(1-1/8") 5/8"-1" #10 365g



TOP INSERT casted AISI 316
ITEM NO. Tube O.D. Weight
009739 19mm(3/4") 55g
009888 22mm(7/8") 74g
009767 25mm(1") 86g



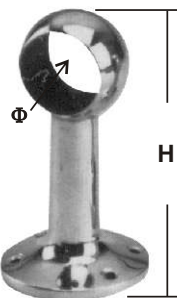
BULLET END PLUG casted AISI 316
ITEM NO. Φ1 mm Φ2 mm Weight
009891 15.5 19 23g
009892 16.5 20 26g
009745 18.5 22 50g
009758 21.5 25.5 50g
009794 26.5 30 50g



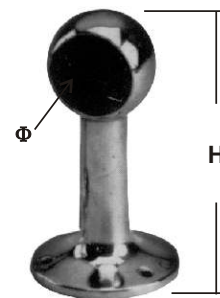
TENSION STRUT casted AISI 316
A simple and effective solution to on going tensioning adjustment.
ITEM NO. Φ mm Weight/g
009670 22
009671 25



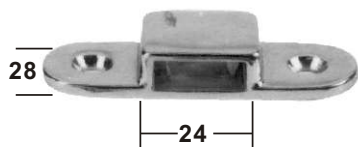
STANCHION SLEEVE casted AISI 316
ITEM NO. Tube O.D. Weight
009777 25mm(1") 392g
009776 30mm(1-3/16") 420g



CENTER STANCHIONS casted AISI 316
open
ITEM NO. Φ mm H mm Weight
009889 22 87 185g
009762 25 87 165g
009763 40 105 340g

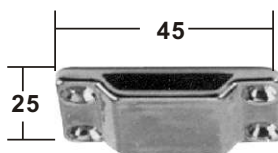


END STANCHIONS casted AISI 316
closed
ITEM NO. Φ mm H mm Weight
009893 22 87 206
009764 25 87 188
009765 40 105 306

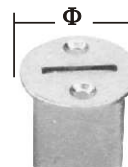


HOLDER LOOP casted AISI 316

ITEM NO.	Weight
000705	95g



006200



006201

FLANGES FOR TARPAULIN STEEL

ITEM NO.	inside width mm		Weight
006200	18	AISI 304 stamped	16g
006201	18	AISI 316 casted	30g



CURRY CLAMP AISI 316

ITEM NO.	For rope	Weight
002431	3~6 mm	58g



CURRY CLAMP AISI 316

ITEM NO.	For rope	Weight
002430	3~6 mm	43g



CURRY CLAMP AISI 316

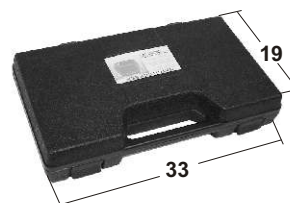
ITEM NO.	For rope	Weight
002432	3~6 mm	110g



WHEELS FOR RUBBER BOAT AISI 316

Couple stern wheels with reinforcement folding to beach rubber boats. These are equipped with joints in stainless steel enabling an easy lifting when seagoing, as well as an easy and safe falling into position when re-entering. Made of stainless steel AISI 316. Packing in 1 pair box.

ITEM NO.	Weight
020314	6.98kg

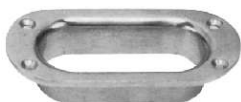


HATCH SCREENS

Easy to install pest con tron! these screens are ballasted with a series of 6mmx12mmL (1/4"x1/2"L) lead beads which are rust resistant non-magnetic and heavier than stainless steel chain each screen comes with a heavy-duty plastic carry case. place screen over the hatch so it can open fully from inside for maximum ventilation.

ITEM NO.	Dimensions
070071	30cmx45cm(12"x18")
070072	45cmx55cm(18"x22")
070073	63cmx63cm(25"x25")

HAWSE



HAWSE DECK PIPE casted AISI 316

ITEM NO.	Flange	Opening	Depth	Weight
009941	5 1/2"x2-1/2" (140x63.5mm)	3-3/4"x1-1/2" (95x38mm)	7/8" (22mm)	320g
009943	9-1/4"x5-3/16" (235x131mm)	6-7/8"x2-7/8" (175x73mm)	7/8" (22mm)	1010g



TRIANGULAR HAWSE PIPE casted AISI 316

ITEM NO.	Flange	Opening	Depth	Weight
009940	8"x5" (203x127mm)	5"x3" (127x75mm)	2" (50mm)	1100g

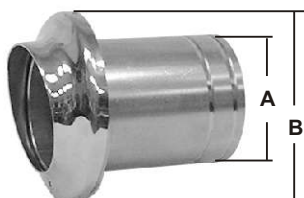


COCKPIT SCUPPER casted AISI 316

angle of outlet is 45°

this scupper works greatly for discharges below the waterline. includes a rubber check ball completed with key.

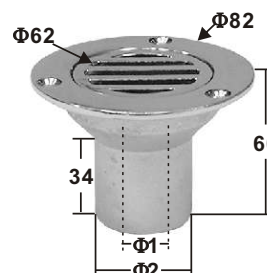
ITEM NO.	O.D.flange	O.D.grate	Hose size	Weight
010003	92mm(3-5/8")	57mm(2-1/4")	38mm(1-1/2")	820g



WATER OUTLET FITTING casted AISI 316

For use with on-board washdown system with watertight plug and stainless chain. has a male garden hose fitting swivel garden hose connector. 1/2" NPT fitting in back 2-3/4" dia flange.

ITEM NO.	Weight
010005	180g



THRU-HULL MUSHROOM HEAD WITH COVER

casted AISI 316

ITEM NO.	Φ1mm	Φ2mm	Height	Flange O.D.	Weight
010000	30	38	60	82	350g

TRANSOM EXHAUST CONNECTIONS Casted AISI 316

the exhaust hose can be fitted directly to this transom connection

ITEM NO.	Type	For exhaust hose (I.D.)	A hole size	B Φmm	Weight
003884	75	76mm	Φ 77 mm	110	660g



STRAINER casted AISI 316

with S.S. net, includes

ITEM NO.	Back pipe	Vent Φmm	Base mm	Weight
010013	Horizontal	25(1")	115x100	610g
010014	Horizontal	38(1-1/2")	115x100	660g
010016	Vertical	25(1")	150x70	460g
010017	Vertical	38(1-1/2")	150x70	500g

ANTENNA RATCHET MOUNTS



ANTENNA RATCHET MOUNTS casted AISI 316
socket 4-way ratchet design for mounting versatility

ITEM NO.	Base	Thread	Weight	
009837	2-3/8"x3-3/4"	1"-14	880g	heavy duty
009896	2-1/4"x3-1/2"	1"-14	670g	economic

on request thread nut AISI 316



RAIL MOUNTS AISI 316

Design with hole for Ioran and GPS cable clamps to 7/8" (22mm) and 1" (25mm) rails ratchet design keeps antenna at the angle you select

ITEM NO.	Thread	Weight
009848	1"-14	520g

on request thread nut AISI 316



NYLON ANTENNA RATCHET MOUNTS

socket 4-way ratchet design for mounting versatility

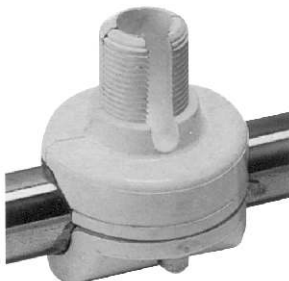
ITEM NO.	Base	Thread	Weight
071815	2-3/8"x3-3/4"	1"-14	213g



NYLON PULPIT RAIL MOUNTS

Vertical or horizontal installation on rails of 7/8" (22mm) and 1" (25mm) GPS antennas only

ITEM NO.	Thread	Weight
071818	1"-14	230g



NYLON PULPIT RAIL MOUNTS

Vertical or horizontal installation on rails of 7/8" (22mm) and 1" (25mm) GPS antennas only

ITEM NO.	Thread	Weight
071819	1"-14	106g



GALAXY RATCHET MOUNT casted AISI 316

4-way ratchet mount features a nutless, boltless with standard 1"-14" thread and a special cable slot that eliminates removal of most factory installed connectors. Bolt holes: 5/16" dia 3"x1-1/2" on center.

ITEM Number	Base thread	Weight/g
009682	1"-14"	890

ANTENNA MOUNTS



TUBE BASE ANTENNA MOUNT AISI 316

Created out of 1" stainless tubing with this base inside diameter slips over 1" tubing and locks in place with set screws. 1"x14 thread top fits standard antenna mounts.

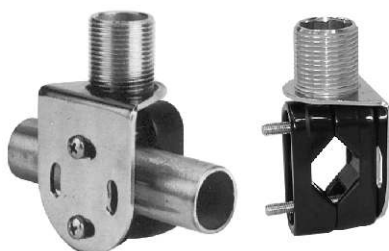
ITEM NO.	Thread	Weight
009886	1"-14	90g



STAINLESS STEEL PEDESTAL MOUNT AISI 316

for TV, VHF, Ioran and GPS antennas 4" (10cm) high with circular base.

ITEM NO.	Thread	Weight
009870	1"-14	225g



ECONOMY RAIL MOUNT stamped AISI 304

With nylon mounting brackets which fit 7/8" or 1" rails can also be mounted on flat surface.

ITEM NO.	Thread	Weight
009835	1"-14	110g



NYLON DECK MOUNT

Designed for GPS antennas

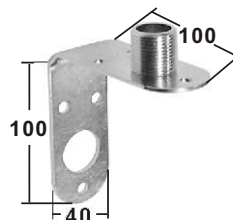
ITEM NO.	Base	High	Thread	Weight
071817	2-3/4" (7cm)	1-1/2" (3.8cm)	1"-14	26g



90° RAIL MOUNT stamped AISI 304

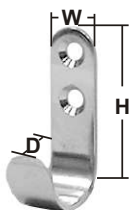
brackets which fit 22mm (7/8") or 25mm (1")

ITEM NO.	Thread
009982	1"-14



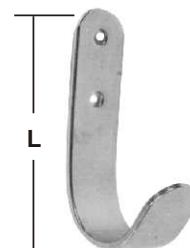
90° ANTENNA MOUNT stamped AISI 304

ITEM NO.	Thread	Weight
009933	1"-14	160g



HOOK stamped AISI 304

ITEM NO.	D mm	W mm	H mm	Weight
003123	25	15	50	17g

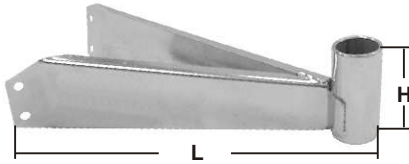


ANTENNA HOOK stamped AISI 304

Support large and small antennas when in the lowered position.

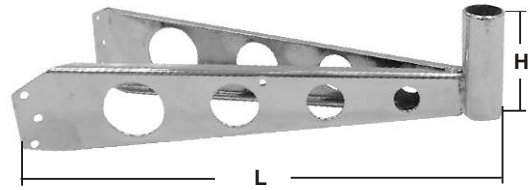
ITEM NO.	L	Weight
005918	4" (100mm)	91g

CABLE OUTLETS, MAST MOUNTING



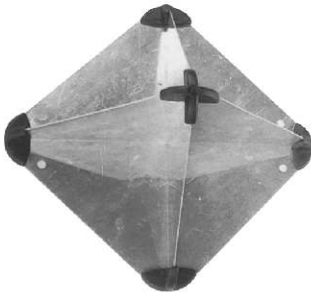
MAST MOUNTING stamped AISI 304
for antenna with 1" 14 thread

ITEM NO.	L cm	H cm
009958	19	7



MAST MOUNTING stamped AISI 304
for antenna with 1" 14 thread

ITEM NO.	L cm	H cm
009959	29	7



RADAR REFLECTOR

Aluminum for salt water durability.
plates drilled for lanyard attachment
top and bottom. Comes apart easily
and folds flat. Complete with case and
protective plastic corner pieces.

ITEM NO.	Size cm	Weight
006100	28x28x28	795g



VHF MICROPHONE CLIPS AISI 304

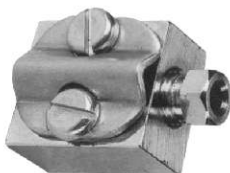
ITEM NO.	Weight
004314	13g



CABLE OUTLETS

chrome plated brass and rubber gaskets

ITEM NO.	Base	Cable size	Weight
006110	32mm(1-1/4")	6mm	50g
006111	32mm(1-1/4")	8mm	51g
006112	32mm(1-1/4")	10mm	50g



CABLE CONNECTOR

chrome plated brass

ITEM NO.	Weight
006103	96g



ELECTRICAL CONNECTORS

chrome plated brass

ITEM NO.	Type	Weight
006104	2Pin 3A	100g
006105	3Pin 3A	106g
006106	4Pin 3A	102g
006107	2Pin 5A	186g
006108	3Pin 5A	192g
006109	4Pin 5A	198g

ANCHOR



ANCHOR

ITEM NO.	Weight	Quality
020002	4.4Lbs (2kg)	Galvanized
020005	11Lbs (5kg)	Galvanized
020075	16.5Lbs (7.5kg)	Galvanized
020011	22Lbs (10kg)	Galvanized
020015	33Lbs (15kg)	Galvanized
020020	44Lbs (20kg)	Galvanized
080002	4.4Lbs (2kg)	AISI 316
080003	6.6Lbs (3kg)	AISI 316
080005	11Lbs (5kg)	AISI 316
080075	16.5Lbs (7.5kg)	AISI 316
080010	22Lbs (10kg)	AISI 316
080015	33Lbs (15kg)	AISI 316
080020	44Lbs (20kg)	AISI 316



PLOW ANCHOR

ITEM NO.	Weight	Boat Length	Quality
020217	15.4Lbs (7kg)	21'(6M)	Galvanized
020219	19.8Lbs (9kg)	26'(8M)	Galvanized
020220	26.4Lbs (12kg)	30'(9M)	Galvanized
020225	33Lbs (15kg)	36'(11M)	Galvanized
020214	48Lbs (22kg)	26'(8M)	Galvanized
080007	16Lbs (8kg)	21'(6M)	AISI 316
080009	20Lbs (9kg)	26'(8M)	AISI 316
080012	26.5Lbs (12kg)	30'(9M)	AISI 316
080016	33Lbs (15kg)	36'(11M)	AISI 316



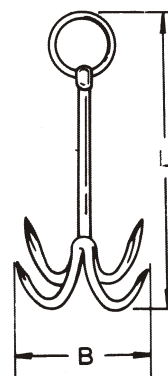
FOLDING ANCHOR

ITEM NO.	Weight kg	Quality
071407	0.7 (1.54Lb)	AISI 316
071415	1.5 (3.30Lb)	AISI 316
071425	2.5 (5.50Lb)	AISI 316
071440	4.0 (8.80Lb)	AISI 316
020200	0.7 (1.54Lb)	Galvanized
020201	1.5 (3.30Lb)	Galvanized
020202	2.5 (5.50Lb)	Galvanized
020203	3.2 (7Lb)	Galvanized
020204	4.0 (8.80Lb)	Galvanized
020206	6.0 (13.2Lb)	Galvanized
020208	8.0 (17.6Lb)	Galvanized
020210	10 (22Lb)	Galvanized
020212	12 (26.4Lb)	Galvanized
020215	15 (33Lb)	Galvanized



GALVANIZED CRUISING ANCHOR

ITEM NO.	Weight
020603	6.6Lbs (3kg)
020605	11Lbs (5kg)
020608	17.6Lbs (8kg)
020610	22Lbs (10kg)
020612	26.4Lbs (12kg)
020614	30.8Lbs (14kg)



FISHING NET HOOK AISI 304

ITEM NO.	B mm	L mm	Weight
009600	140	200	AISI 304 450g
009601	220	240	AISI 304 965g
009602	300	430	AISI 304



FOLDING GALVANIZED FISHERMAN ANCHOR

ITEM NO.	Weight
020111	11Lbs (5kg)
020112	22Lbs (10kg)
020113	26.4Lbs (12kg)
020115	33Lbs (15kg)
020116	44Lbs (20kg)



BOW ROLLER



SPIRAL GROUND ANCHOR

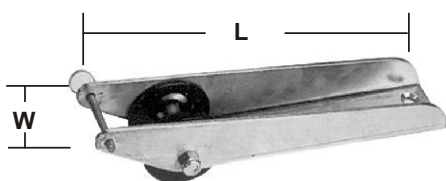
steel N/P

ITEM NO.	Length	Weight
020317	17"(43cm)	420g



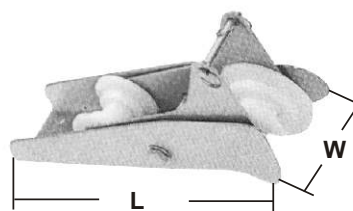
ANCHOR CHUTE stamped AISI 304

ITEM NO.	Length	Width	Roller Dia		Weight
073500	16cm(6-1/2")	2"	6cm(2-1/4")	plastic roller	382g
073502	16cm(6-1/2")	2"	6cm(2-1/4")	brass roller	880g
<i>on request AISI 316</i>					



MEDIUM FAIRLEAD BOW ROLLER stamped AISI 304

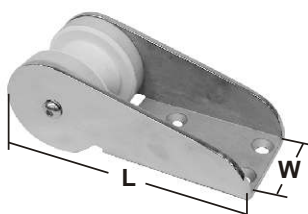
ITEM NO.	L	W	Weight
073501	9"(228mm)	1-3/4"(44mm)	1050g
<i>on request AISI 316</i>			



BOW ROLLER stamped AISI 304

Hinging system

ITEM NO.	L	W	Weight
073505	13"(33cm)	3.78"(9.6cm)	2300g
<i>on request AISI 316</i>			



BOW ROLLER casted AISI 316

White nylon pulley for ropes and chains.

ITEM NO.	L mm	W mm	Weight
073504	220	73	2kg

BOW ROLLER

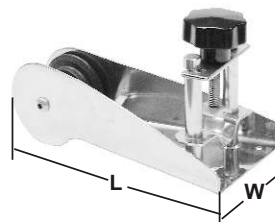


ANCHOR HOLDER AISI 304

ITEM NO. Weight

000138 600g

on request AISI 316



ANCHOR ROLLER COMBINATION CHAIN STOPPER AISI 304

ITEM NO.	W mm	L mm	Chain	Maxi anchor
073503	100	240	6mm~up12mm	15~10kg

on request AISI 316



DECK PIPES casted AISI 316

ITEM NO.	Base Φ mm	Heigh mm	for chain mm	Weight
007412	100(4")	110(4-5/16")	6~8(3/16~5/16")	530g



CHAIN STOPPER casted AISI 316

For chain 1/4"(6mm) to 3/8"(9mm)
removable pawl flips up when not in use

ITEM NO.	Base measure mm	BL/KGS	Weight
000121	3-1/8"(80)x2-3/4"(60)x2-1/4"(57)H	2000	670g

ANCHOR CHAIN CONNECTION



CHAIN HOOK casted AISI 316

ITEM NO.	L	W	Weight
003904	155mm(6-1/8")	100mm(4")	680g
003905	120mm(4-3/4")	95mm(3-47/64")	170g



HINGED DECK PIPE casted AISI 316

ITEM NO.	Lcm	Wcm	Weight
007410	14.3(5-5/8")	10.4(4-1/8")	980g

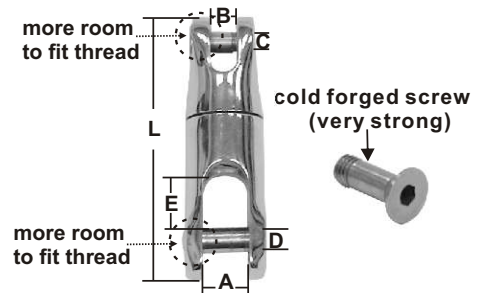


ROUND STAINLESS STEEL DECK PIPES

casted AISI 316

Accepts up to 7/8"(22mm) line

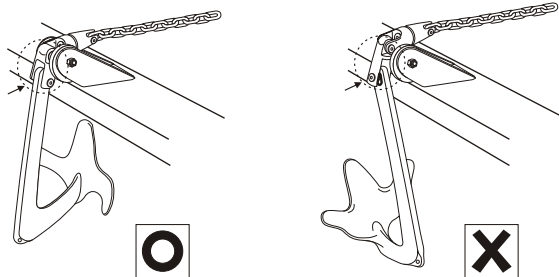
ITEM NO.	FlangeΦ	Weight
007400	3-3/4"(95mm)	490g



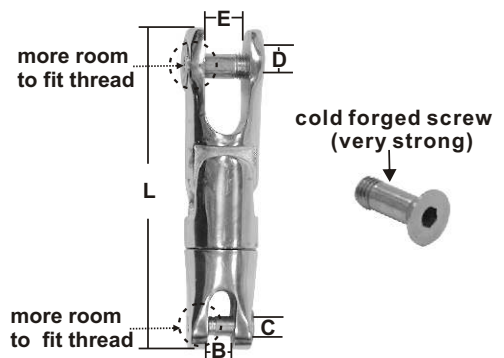
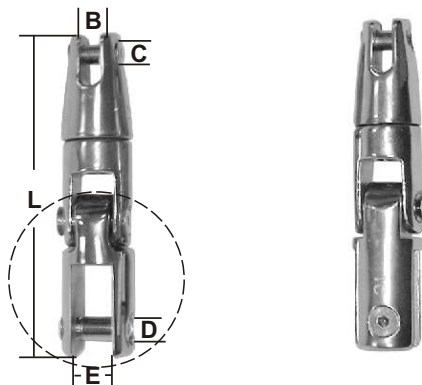
ANCHOR CHAIN CONNECTION

swivel casted AISI 316

ITEM NO.	L	B	C	D	E	A	Weight
000134	96	9.4	7.6	9	22	17	250g
000139	121	13	11.5	11	29	20.7	600g



No good



ANCHOR CHAIN CONNECTION

swivel casted AISI 316

ITEM NO.	L mm	B mm	C mm	D mm	E mm
000136	145	9	7.5	9.5	17



CHAIN CLAW AISI 304

ITEM NO.	Chain mm	Weight
002300	6	230g
002301	8	

ANCHOR CHAIN CONNECTION swivel casted AISI 316

ITEM NO.	L	B	C	D	E	Weight
	mm	mm	mm	mm	mm	
000128	132	8.4	11	12	16.5	390g
000129	168	12.8	11.8	14.3	19.5	900g



ANCHOR CHOCK AISI 304

lockable inside the chock

ITEM NO.	Up to	H.mm
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080017	5 kg	275
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080018	15 kg	385
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on request AISI 316



ANCHOR RING AISI 304

For anchor float system only ring.

ITEM NO.	Dia	Weight
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000130	145mm(6")	102g
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000131	200mm(8")	380g
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MOORING WEDGES iron steel

Cranked

ITEM NO.	Length	Width
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021030	210mm	35mm
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MOORING WEDGES iron steel

Straight

ITEM NO.	Length	Width
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021031	220mm	35mm
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GALVANIZED BOW SHACKLES

ITEM NO.	Swlton	Quality
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020305	5(3/16")	0.33 forged
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020306	6(1/4")	0.50 forged
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020308	8(5/16")	0.75 forged
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020310	10(3/8")	1.0 forged
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020311	11(7/16")	1.5 forged
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020312	12(1/2")	1.5 forged
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020408	5/16"	not load tested
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020410	3/8"	not load tested
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020411	7/16"	not load tested
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020412	1/2"	not load tested
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MOORING PEGS iron steel

For soft ground lie in muddy. bottom river or canal banks

ITEM NO.	Size mm	Weight/kg
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021020	12x300	0.40
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021021	14x320	0.50
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021022	16x350	0.73
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021023	18x400	0.95
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021024	20x425	1.20
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021025	22x520	1.80
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021026	25x550	2.20
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MOORING SPRING, WHEEL



RUBBER MOORING SPRING

ITEM NO.	Length mm	Φ mm	Weight
050046	430(17")	6~12	385g
050045	520(20.4")	14~18	580g



RUBBER MOORING SPRING

ITEM NO.	L mm	For rope Φ mm	Weight
050039	390	10~15	335g



RUBBER MOORING SPRING

ITEM NO.	Length	Φ mm	Weight
050040	120mm(4-3/4")	10-12	116
050041	210mm(8-1/4")	12-14	270
050042	250mm(10")	16-18	290
050043	328mm(13")	18-20	



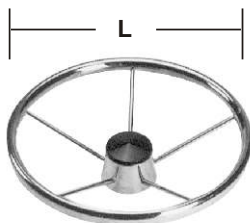
TILLED MOORING SPRING

ITEM NO.	Length	Quality	Weight
001712	120mm	galvanized iron	
001713	115mm	AISI 304	64g



MOORING SPRING

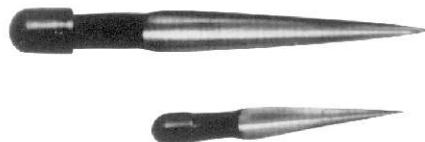
ITEM NO.	Wire Φ mm	L mm	Quality	Weight
001705	5	270	steel	320g
001706	6	335	steel	675g
001707	6	370	steel	685g
001715	5	270	AISI 304	
001716	6	335	AISI 304	
001717	6	370	AISI 304	810g



STAINLESS STEEL STEERING WHEEL

Formed AISI 304 5 spoke 25° dish with black plastic cap

ITEM NO.	L	Weight
000715	15"(38cm)	1800g

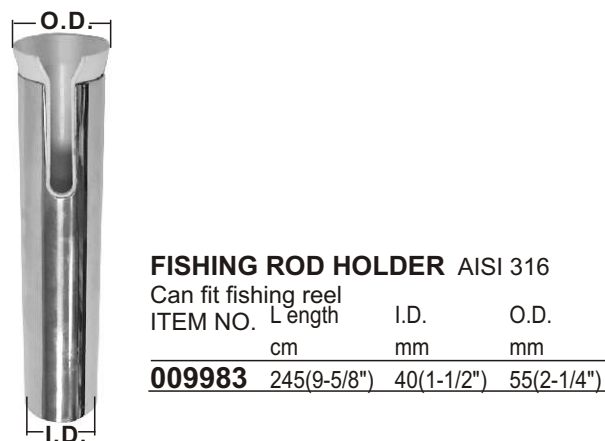
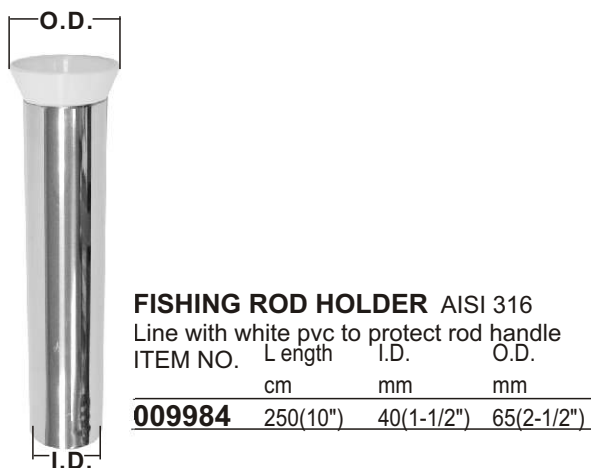
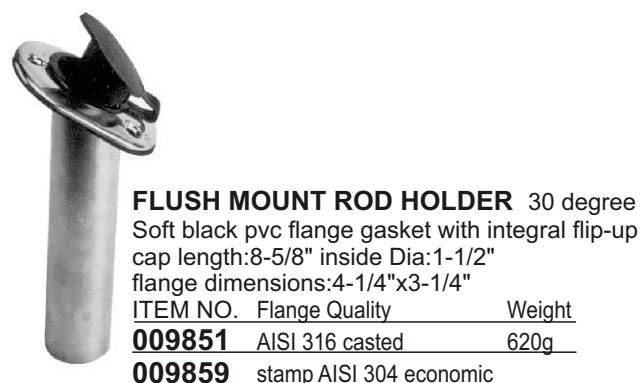
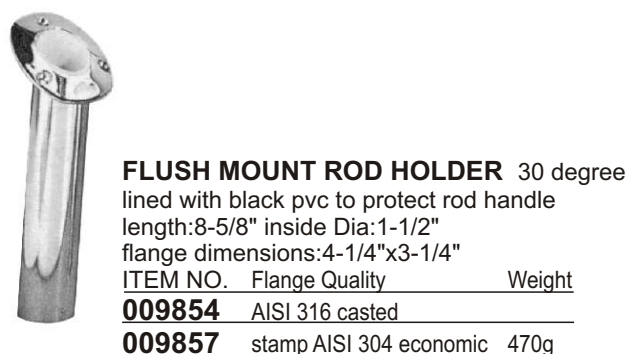
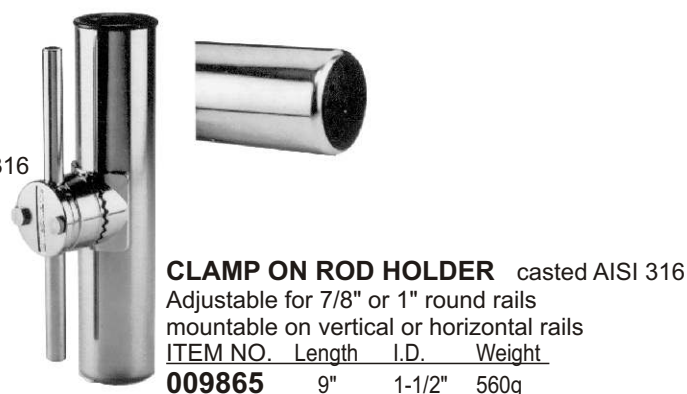


SPLICING SPIKE

stainless steel with plastic handle

ITEM NO.	L mm	Rope mm	Weight
003417	170	12	38g
003428	280	24	138g
003439	390		436g

ROD HOLDER



ROD HOLDER



CLAMP ON ROD ROD

HOLDER Casted AISI 316

Can fit fishing reel

Adjustable for 7/8" or 1" round

rails mountable on vertical or

horizontal rails.

ITEM NO.	Length mm	I.D. mm	O.D. mm
009993	245(9-5/8")	40(1-1/2")	65(2-1/2")



CLAMP ON ROD ROD

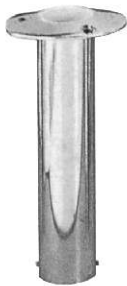
HOLDER Casted AISI 316

Adjustable for 7/8" or 1" round

rails mountable on vertical or

horizontal rails.

ITEM NO.	Length mm	I.D. mm	O.D. mm
009994	245(9-5/8")	40(1-1/2")	55(2-1/4")



FLUSH MOUNT ROD HOLDER 90 degree

lined with black pvc to protect rod handle
length:8-5/8" inside Dia:1-1/2"

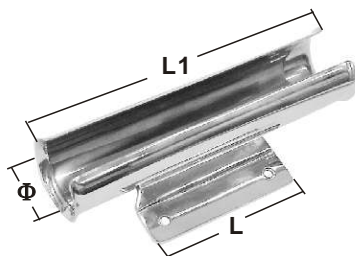
ITEM NO.	Flange Quality	Weight
009853	casted AISI 316	700g



FLUSH MOUNT ROD HOLDER 15 degree

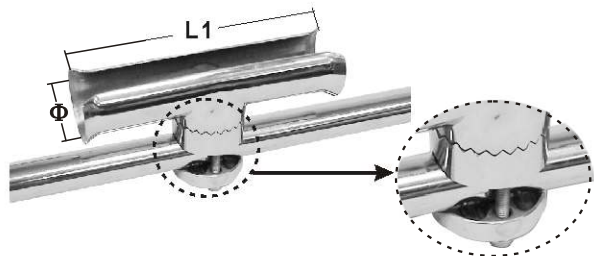
lined with black pvc to protect rod handle
length:8-5/8" inside Dia:1-1/2"

ITEM NO.	Flange Quality	Weight
009852	AISI 316 casted	640g



FISHING ROD HOLDER AISI 316

ITEM NO.	L mm	L1 mm	Φ mm
009937	100	200	45



FISHING ROD HOLDER AISI 316

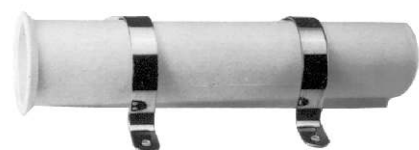
adjustable for 38mm(1-1/2") round rails
mountable on vertical or horizontal rails.

ITEM NO.	L1 mm	Φ mm	Weight
009939	170	45	490g



SIDE MOUNT ROD HOLDER AISI 304

ITEM NO.	Length	I.D.	Weight
009846	9"(230mm)	1-3/4(41mm)	270g

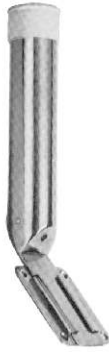


SIDE MOUNT ROD HOLDER

Injection molde A.B.S. with s.s. straps

ITEM NO.	Length	I.D.	Weight
009849	9"	1-3/4"	133g

ROD HOLDER



REMOVABLE STAINLESS ROD HOLDER

Gunwale bracket is 4"x3-11/16"(100x93mm)

ITEM NO.	Long	I.D.
009847	8-1/2"(216mm)	1-7/8"(47mm)



OUTRIGGER HOLDER

ITEM NO.	Plate size	O.D. tube	I.D. tube	Weight
009858	5x2-1/2"	1-1/4"	1/4"	casted AISI 316 1145g
009860	3-7/8"x2-1/2"	1-1/4"		stamped economic



FISHING ROD HOLDER casted AISI 316
Installation on rails of 7/8"(22mm) and 1"(25mm)

ITEM NO.	Length	I.D.	Weight
009898	250mm(10")	50mm(2")	1200g



CLAMP ADJUSTABLE ROD HOLDER casted AISI 316

ITEM NO.	Length	I.D.	Weight
009856	250mm(10")	50mm(2")	1670g



ROD HOLDER casted AISI 316

ITEM NO.	I.D.	Weight
009868	50mm(2")	1000g



SIDE MOUNT OUTRIGGER HOLDER casted AISI 316
pairs

ITEM NO.	Length	Tube I.D.	Weight
009676	300mm(11")	29mm(1-1/8")	800g

ROWLOCK, ROD HANGER



FLAT MOUNT FISHING ROD GIMBAL AISI 316

ITEM NO.	I.D.	Weight
009869	33mm(1-19/64")	540g



TUBE MOUNT FISHING ROD GIMBAL casted AISI 316

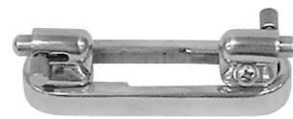
ITEM NO.	Size	to fit tube	Weight
009867	3-7/8"x1-3/4"(98x44mm)	1"(25mm)	540g



ROD HOLDER casted AISI 316

with corrosion resistant stainless steel spring to prevent rod tip from accidentally out.

ITEM NO.	Weight
009951	125g



ADJUSTABLE REEL HANGER AISI 316

securely store trolling reels on ceiling or gunwale. fits most popular reels. Hangers are easily adjusted to accomodate a wide range of reel sizes.

ITEM NO.	Adjustes	Size mm	Weight
009952	44~57	(1.71"~2.275")	140g



ROUND OARLOCKS AISI 316

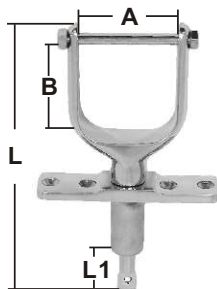
ITEM NO.	Size mm	Length mm	Weight
000119	50(2")	125(5")	140g
000118	58(2-1/4")	137(5-7/16")	225g



ROWLOCK HORNS WITH SOCKETS

precision casted AISI 316

	O.D.	Length	
ITEM NO.	Shank mm	Shank mm	Weight
000133	10(25/64")	45(1-3/4")	410g



ROWLOCK HORNS WITH SOCKETS

precision casted AISI 316

ITEM NO.	L	L1	A	B	Weight
	mm	mm	mm	mm	
000140	170	75	50	60	460g

THRUHULL



THRUHULL MUSHROOM HEAD THREADED

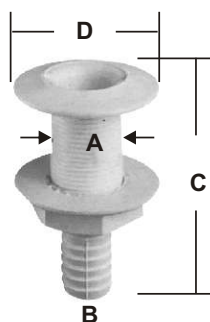
casted AISI 316

ITEM NO.	Size	Max Hull Thickness	Flange O.D.	Weight
010012	1/2"	1-3/8"	1-1/2"	170g
010034	3/4"	1-1/2"	1-7/8"	222g
010001	1"	1-7/8"	2-3/16"	260g
010114	1-1/4"	2"	2-3/4"	600g
010112	1-1/2"	2-1/4"	3"	690g

THRUHULL MUSHROOM HEAD BARBED

casted AISI 316

ITEM NO.	Size	Max Hull Thickness	Flange O.D.	Weight
011012	1/2"	1-1/16"	1-1/2"	112g
011034	3/4"	1-5/8"	1-7/18"	200g
011001	1"	1-3/4"	2-1/4"	254g
011114	1-1/4"	1-7/8"	2-3/4"	535g
011112	1-1/2"	1-7/8"	3-1/8"	650g



PLASTIC THRUHULL

ITEM NO.	A mm	B mm	C mm	D mm	Weight
072618	26	18	83	51	29g



FLUSH HEAD THREAD casted AISI 316

ITEM NO.	Size	Max hull Thickness	Flange O.D.	Weight
015012	1/2"	1-3/8"	1-1/2"	118g
015034	3/4"	1-1/2"	1-7/8"	204g
015001	1"	1-7/8"	2-3/16"	262g
015114	1-1/4"	2"	2-3/4"	950g



INTAKE STRAINER THREADED

casted AISI 316

ITEM NO.	Size	Max Hull Thickness	Strainer Size	Weight
014012	1/2"	2"	26"x3.5"	300g
014034	3/4"	2-1/8"	3"x4"	500g
014001	1"	2-1/2"	3"x4"	635g
014114	1-1/4"	3"	3-1/4"x4-1/4"	960g
014112	1-1/2"	3-5/8"	3-1/2"x4-3/4"	980g



HOSE CLIPS AISI 304

ITEM NO.	mm	Appror Φ range mm	Weight
012100	16	7-16	6g
012101	23	10-23	21g
012102	38	19-38	23g
012103	51	25-51	26g
012104	70	46-70	28g
012105	76	52-76	30g
012106	89	65-80	31g
012107	102	78-102	35g
012108	127	105-127	41g

HORN



SINGLE TRUMPET ELECTRIC HORN AISI 304				
ITEM NO.	Long trumpet	dB(A)rating	Weight	
060010	410mm(16")	115 at one meter	12V3A	830g
060030	410mm(16")	115 at one meter	24V1.5A	830g



DUAL TRUMPET ELECTRIC HORN AISI 304				
ITEM NO.	Long trumpet	dB(A)rating	Weight	
060012	465mm(18.3")	115 at one meter	12V6A	1435g
060032	465mm(18.3")	115 at one meter	24V3A	1435g



MINI COMPACT ELECTRIC HORN AISI 304			
Totally sealed sound unit diaphragm, mounting bracket			
Dimensions:83mm(3-1/4") Lx44mm(1-3/4")H			
Maximum amp draw: 2 Amps			
dB(A) rating:106 at one meter			
Fundamental frequency:430±10			
ITEM NO.	Weight		
060013	395g	50 pcs/Box	



MINI TWIN ELECTRIC HORN AISI 304			
diaphragms, and mounting bracket			
Dimensions:200mm(8") Lx83mm(3-1/4")Wx50mm(2")H			
Maximum amp draw: 4 Amps			
dB(A) rating:105 at one meter			
Fundamental frequency:510±10/430±10			
ITEM NO.	Weight		
060014	770g	25 set/Box	

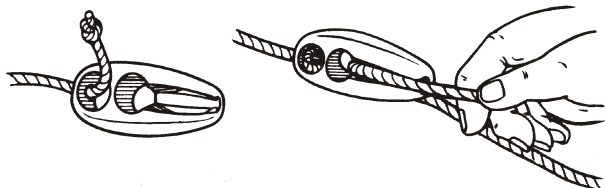


DROP-IN HIDDEN ELECTRIC HORN AISI 304	
maximum amp draw 2 Amps RV 3A 12V	
black & white grills w/water proof fabric.	
ITEM NO.	Weight
060019	420g



CURVED FOG HORN	
Brass	
ITEM NO.	Size cm
060021	165

PLASTIC PRODUCTS



SPEED CLIP

Nylon white color

ITEM NO.	for shock cord	Weight
071200	6mm	7g



WIND-SURF CLIP

Nylon plastic

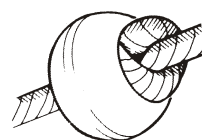
ITEM NO.	for shock cord	Weight
071201	up to 8mm	6g



NYLON HOOK

White color

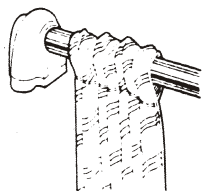
ITEM NO.	for shock cord	Weight
071202	4mm	3g



STOPPER KNOBS

Nylon plastic

ITEM NO.	Φ 1	Φ 2	Color	Weight
072415	7	15	black	11g
072415	7	15	white	11g
072417	7	25	black	
072417	7	25	white	
072425	11	25	black	24g
072425	11	25	white	24g



CURTAIN ROD HOLDER

Nylon
for tube Φ 8mm

ITEM NO. **070006**



TRANSOM PLATE

ABS plastic for the protect
the inside of the transom

ITEM NO.	LxW mm	Weight
073510	270x1000	83g



ROW LOCK nylon

ITEM NO.	Length	Shaft
001917	50mm	17mm

PLASTIC PRODUCTS



SPRING CLIP nylon

ITEM NO.	Φ mm	Weight
071116	15	4g
071125	25	8g
071130	30	11g
071140	40	16g
071145	45	19g



SPRING CLIPS nylon

ITEM NO.	Tube(Dia mm)	Base width mm	Weight
070019	19	19x14x4	2g
070022	22	22x16x5	3g
070025	25	19x14x4	4g



SPRING CLIP nylon plastic

ITEM NO.	Φ mm	Weight
071100	40	12g



PLASTIC STEP HANDLE

ITEM NO.	LxH mm	Depth mm	Weight
073765	160x45	65	97g



MULTIPURPOSE HOOK

Plastic

ITEM NO.	Length	Weight
071832	30mm	3g



SNAP HOOK nylon plastic

Twist and quick release

ITEM NO.	For cord Φ mm	Weight
071209	4	3g



SNAP HOOK nylon plastic

Twist and quick release

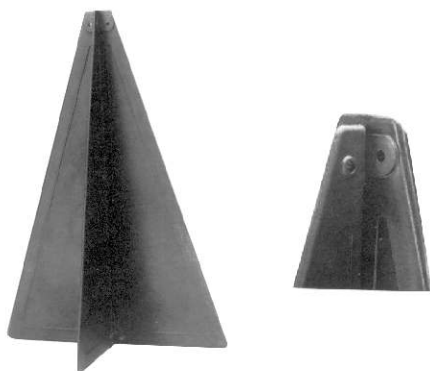
ITEM NO.	For cord Φ mm	Weight
071208	8	10g



SNAP HOOK nylon plastic white

ITEM NO.	Φ mm	Weight
071006	6	7g
071008	8	9g
071010	10	16

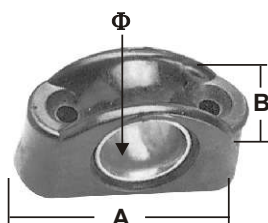
PLASTIC PRODUCTS



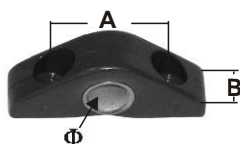
SIGNAL CONE plastic
ITEM NO. HxW cm Weight
073646 46x33 697g



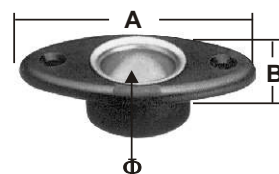
SIGNAL BALL plastic
ITEM NO. Φ cm Weight
073635 35 900g



DECK EYE
Nylon plastic with stainless steel eye
ITEM NO. Φ mm A mm B mm Weight
071606 6 36 22 3g
071613 13 41 23 4g
071617 17 55 31 36g



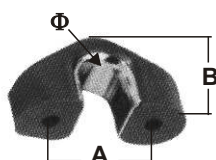
FAIRLEAD
Nylon plastic with stainless steel eye
ITEM NO. Φ mm A mm B mm
071600 6 20 14



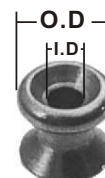
DECK EYE
Nylon plastic with stainless steel eye
ITEM NO. Φ mm A mm B mm Weight
071706 6 41 13 4g
071713 13 48 13 10g
071718 18 59 15 16g



DECK EYE
Nylon plastic with stainless steel eye
ITEM NO. Φ mm Weight
071806 6 2g
071813 13 8g



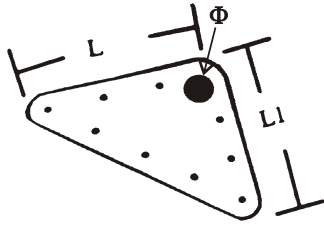
FAIRLEAD
Nylon plastic with stainless steel eye
ITEM NO. Φ mm A mm B mm
071601 6 23 15
071602 8.5 25 20



LACING BUTTONS brass N/P
ITEM NO. O.D.mm I.D.mm Weight
000051 15 5 9g
000052 12 4.2 5g



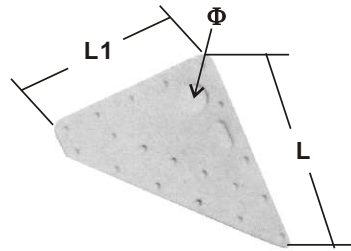
LACING & REEFING HOOKS
Plastic
ITEM NO. Fits line Length Weight
071210 up to 5mm(3/16") 57mm(2-1/4") 4g
071211 up to 5mm(3/16") 75mm(3") 9g



NYLON HEADBOARDS

nylon white

ITEM NO.	L mm	L1 mm	Φ mm	Weight
073412	115	101	19	16g



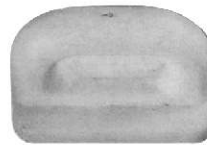
NYLON HEADBOARDS white plastic

ITEM NO.	L mm	L1 mm	Φ mm	Weight
073413	140	115	19	38g



SLIDE SLUG nylon

ITEM NO.	Width mm	Weight
072213	13	3g



TRACK SLIDE nylon

ITEM NO.	Width mm	Weight
072319	19	6g



SAIL RINGS AND SHACKLES

nylon white

ITEM NO.	L mm	L1 mm	W mm	Weight
072525	16	36	9	3g
072518	20	44	9	5g



LIFELIN

Nylon web Width:25.4mm(1")

1 double action safety hook

Length:140cm

web broken over 2T

ITEM NO.	Weight
003561	220g



LIFELIN

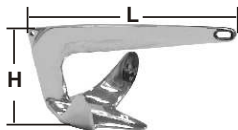
Nylon web Width:25.4mm(1")

3 double action safety hook

web broken over 2T

ITEM NO.	Weight
003562	540g

BARBECUE



DECORATION MINI ANCHOR

buff polished AISI 316
with your own logo available

ITEM NO.	L mm	H mm	Weight
080000	170	60	350g



FISH SCALER

ITEM NO.	Size	Quality	Weight
040002	7-1/2"(190mm)	steel	54g
040003	7-1/2"(190mm)	stainless steel	55g

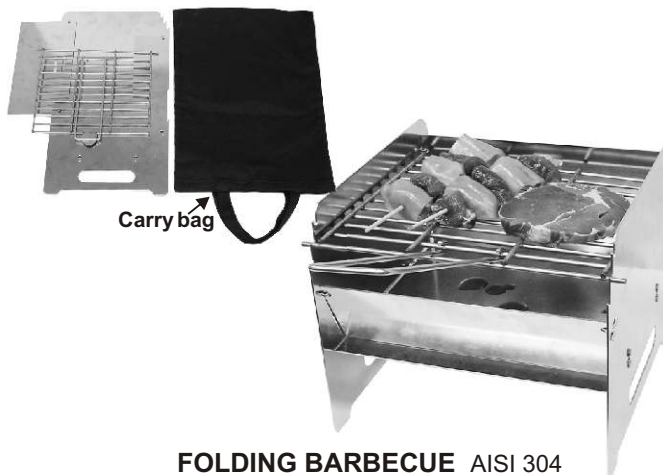
Can adjusted any angle



SUNSHADE HOLDER AISI 316

It can adjust any angle fits any standard winch.

ITEM NO.	Φmm	L mm	L1 mm	Weight
007980	23	93	115	580g



FOLDING BARBECUE AISI 304
with carry bag the barbebecue is fold
on a height of 20mm easily to store.

ITEM NO.	Weight
000099	2980g



LIFESAVER BATH LEDDER AISI 316

folding step out of stainless steel. Pipe diameter 25mm.
The ledder is easy to mount and the mounting for the
tail is only 180x30mm so that can be attached to all
boats. The step can be opened down with a grip by a
swimmer Delivery completely with
screw and nuts.

ITEM NO.	Weight
020313	



EASY OUT BOOT JACK AISI 304

Easily mounts on wall to keep boots
neatly out of way. Allows boots to dry
and helps prevent wrinkling at ankles.
Extra hook at bottom can be used for
a coat or bridle. Folds flat when not
in use. 30/Box

ITEM NO.090000

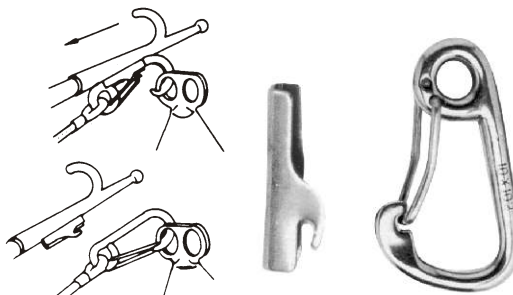


NO.882 RIGGING BAG

Perfect bag for working on
deck & rigg.
Size:38cmLx25cmWx25cmH
Color:marine blue (2)
30/Box



This hook can hanger in any wall to save the room space.



FOLDABLE TRANSPORT OUTBOARD BRACKET

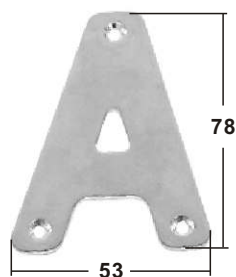
With big wheels for safety transport.
For engine up to 30 hp.
Steel tube frame

ITEM NO. **000098**

STAINLESS STEEL MORRING HOOK BODY AISI 304

Very easy and quick system can be easily fitted on ony wooden or aul pole

ITEM NO.	Length mm	Weight
001914	100	155g
001913	120	
001918	170	



LETTER AISI 304 high polished

ITEM NO.	ITEM NO.
A08007A A	A08007N N
A08007B B	A08007O O
A08007C C	A08007P P
A08007D D	A08007Q Q
A08007E E	A08007R R
A08007F F	A08007S S
A08007G G	A08007T T
A08007H H	A08007U U
A08007 I I	A08007V V
A08007J J	A08007W W
A08007K K	A08007X X
A08007L L	A08007Y Y
A08007M M	A08007Z Z



NUMBER AISI 304 high polished

ITEM NO.	ITEM NO.
A0800A1 1	A0800A6 6
A0800A2 2	A0800A7 7
A0800A3 3	A0800A8 8
A0800A4 4	A0800A9 9
A0800A5 5	A0800A0 0

KEY CHAIN & SHAKLE KEY



KEY CHAIN
stainless steel
ITEM NO. Length Weight
2813 50mm(2") 24g
500/Box



KEY CHAIN
stainless steel
ITEM NO. Length Weight
2812 30mm 75g
500/Box



KEY CHAIN
stainless steel
ITEM NO. Length Weight
2810 25mm 11g
500/Box



KEY CHAIN
stainless steel
ITEM NO. Length Weight
2809 35mm 21g
500/Box



BOTTLE OPENER AISI 304
Stamped and formcd
Size:W 1-1/2"(38mm)xH 3"(75mm)
ITEM NO. Weight
009902 39g



BEAN BAG STYLE ASHTRAY AISI 304
stamped stainless steel
will stay where you put them
even on a heeling sailboat
ITEM NO. Base Weight
003300 4"(10cm) 220g



ASHTRAY AISI 304
Stamped stainless steel
ITEM NO. Base Weight
003301 75mm(3") 186g

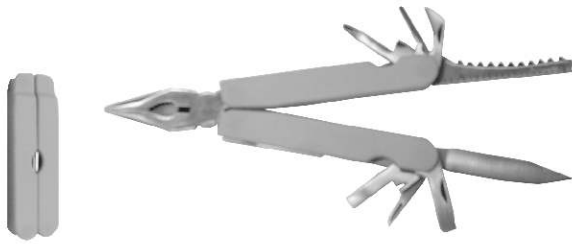


SHACKLE KEY AISI 304
ITEM NO. Length Weight
009900 112mm 22g



UNIVERSAL DECK PLATE KEY AISI 304
ITEM NO. Weight
009901 56g

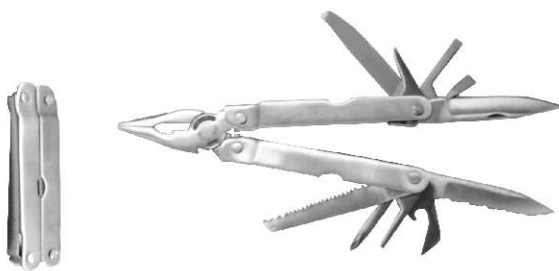
MULTI-PURPOSE TOOLS



LEATHERMAN stainless steel
include regular and needlenose pliers, wire cutters, can/bottle opener, phillips screwdriver, sharpener, micro screwdriver, large screwdriver, medium screwdriver, awl/punch, knife blade, serrated blade, plastic handle.
Pocket size: 10cm(4") 100/Box
ITEM NO. Weight
005531 150g



HEAVY-DUTY MULTI-TOOL stainless steel
construction and 13 instantly available tools. pliers with milled jaws, long-nose pliers, wire cutter, large and small knife blades, serrated cutting edge, wire stripper, can opener, bottle opener, file, and large slotted, small slotted, and Phillips screwdrivers.
Pocket size: 14.5cm(5-3/4")
ITEM NO. Weight
005532 204g



POCKET TOOL SET stainless steel
Includes needlenose/regular pliers; wire cutters; small, medium, large and Phillips screwdrivers; awl/punch; can/bottle opener; standard/serrated blade; metal/wood file; wood/bone saw; wire crimper/stripper; and ruler.
Pocket size: 11.5cm(4-1/2")
ITEM NO. Weight
005533 250g



POCKET TOOL SETS stainless steel
Include needlenose pliers, wire cutters. small medium large and philips screwdrivers, awl/punch can/bottle opener, standard blade, slot knife blade, 2 standard/serrated black, metal/wood file 3pcs wood/bone saws, wire crimper/stripper and folding 6" ruler.
pocket size: 12cm(4-3/4")
ITEM NO. Weight
005534



POCKET TOOL SETS stainless steel
Include needlenose/regular pliers. wire cutters. philips screwdrivers can/bottle opener standard/serrated blade/knife blade 2 metal/wood file, wire crimper/stripper, scissors. ruler.
Pocket size: 17cm(6-3/4")
ITEM NO. Weight
005535 240g

STAINLESS STEEL HAND TOOLS



SAILOR'S KNIFE

Completely made of stainless steel folded 95mm
Opened 155mm width 40mm

ITEM NO.	Weight
005540	120g



STAINLESS GROOVE JOINT PLIERS

Grooves are precision milled for smooth, positive adjustment. 10"(25cm)

ITEM NO.	Weight
004522	375g



STAINLESS ADJUSTABLE WRENCH

Tempered for maximum strength features smooth, precision-machined adjustment. Quality manufactured knurled thumb wheel and tapered jaws. 8"(20cm)

ITEM NO.	Weight
004515	350g



STAINLESS SLIP JOINT PLIERS

Drop forged and heat-treated with cushion-grip handles and precision-machined jaws. Lifetime warrant. 8"(20cm)

ITEM NO.	Weight
004516	260g



STAINLESS 4-IN-1 ELECTRICAL PLIERS

With stripping & crimping inclined serration Precision machined jaws and fully hardened and sharpened cutting blades Deeply serrated jaws for maximum gripping power. Vinyl-dipped cushion grips. 6-1/2"(16.5cm)

ITEM NO.	Weight
004518	120g



STAINLESS NEEDLE-NOSED PLIERS

Precision machined jaws and fully hardened and sharpened cutting blades Deeply serrated jaws for maximum gripping power. Vinyl-dipped cushion grips. 6"(15cm)

ITEM NO.	Weight
004519	128g

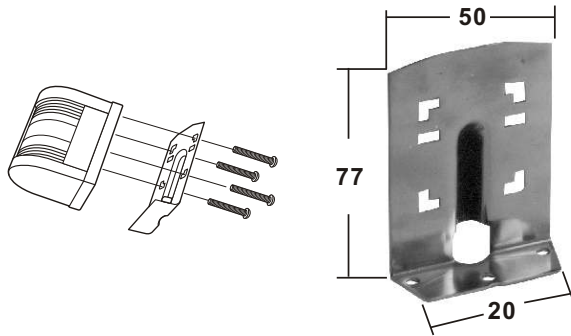


STAINLESS DIAGONAL CUTTING PLIERS

Drop forged and heat-treated with cushion-grip handles and precision-machined jaws. Lifetime warranty. 6"(15cm)

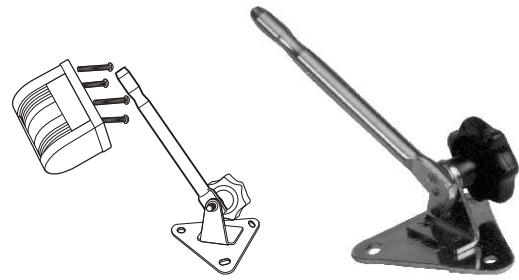
ITEM NO.	Weight
004520	160g

LIGHT BRACKET



BRACKET FOR LIGHT stamped AISI 304

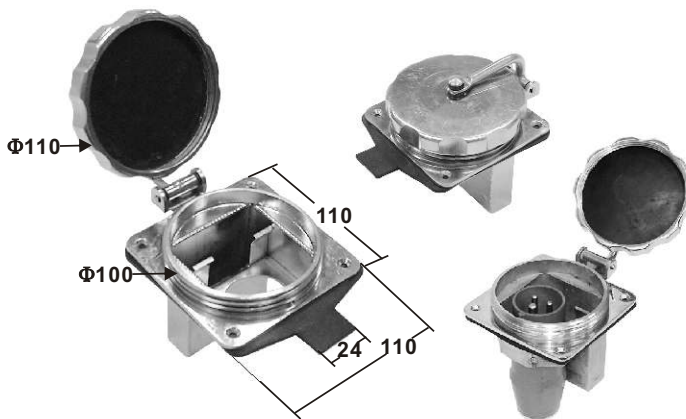
ITEM NO. Weight
006114



BRACKET FOR LIGHT stamped AISI 304

It can adjust any angle

ITEM NO. Base Weight
006113 70x65(2-3/4"x2-9/16") 180g



ELECTRIC LAND CONNECTIONS AISI 316

With threaded shanks mounted plug
3-pole, kind of contact Ip66, 16A,
3-pole, 230V/50HZ (not include)

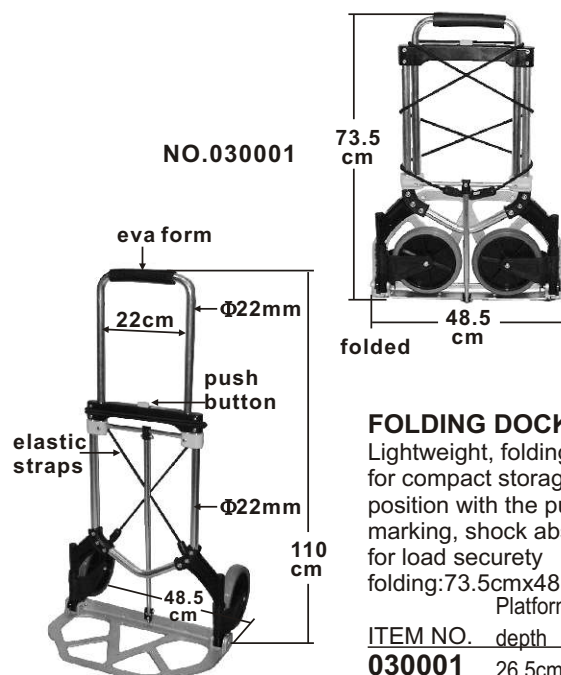
ITEM NO. Weight
006120 1250g



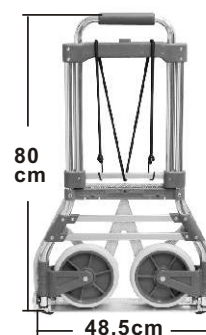
WATER FILTER AISI 316

Fully made of stainless steel for cooling water
to be fitted on engine water intake.

ITEM NO. Hose Size mm Weight
010015 dia 1" 110Hx60Φ 890g



NO.030001



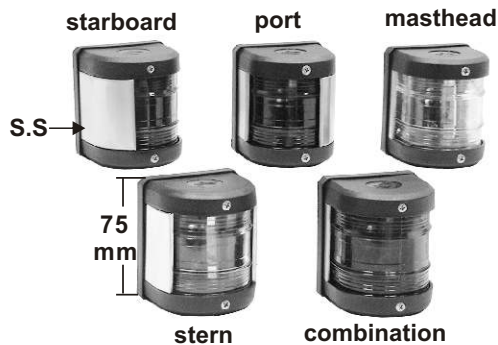
NO.030002

FOLDING DOCK CARTS

Lightweight, folding cart folds flatly to 5cm(2")
for compact storage and converts to working
position with the push or button 17cm(7") non-
marking, shock absorbing tired, elastic straps
for load security
folding:73.5cmx48.5cmx5cm

ITEM NO.	Platform depth	Weight	Loading capacity	Quality
030001	26.5cm	4.5kg	90kg(175 lb)	Aluminum
030002	26.5cm	4.9kg	125kg(275 lb)	Aluminum

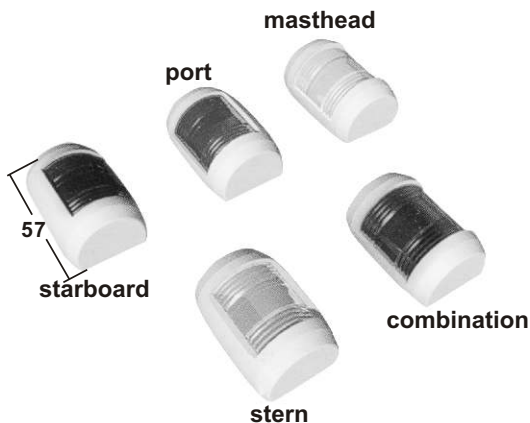
LIGHTS



NAVIGATION LIGHTS

100/Box

ITEM NO.	Type	Visibility	Lens color	Body color
050200	starboard	1nm	green Lt, 112.5°	black
050201	port	1nm	red Lt, 112.5°	black
050202	masthead	2nm	white Lt, 225°	black
050203	stern	2nm	white Lt, 135°	black
050204	combination bow		red/green Lt, 112.5° each	black



SMALL NAVIGATION LIGHT

to 12 meters 10W/12V bulb 100/Box

ITEM NO.	Type	Lens color	Visibility	Body color
050216	starboard	green	1nm	white
050217	port	red	1nm	white
050218	masthead	white	2nm	white
050219	stern	white	2nm	white
050220	combination	red/green		white



SIDE LIGHT

200/Box

Chromed plated zinc black plastic base
12V/5W

ITEM NO.	Lens color	Base
050241	red/green	10x8.2cmH(4"x3-1/4"H)



ANCHOR LIGHT

12V 5W

ITEM NO.	Base Φ
050214	50mm(2") plastic body
050215	50mm(2") stainless steel body



SIDE LIGHTS (pairs) AISI 304

100/Box

stamped stainless steel red & green color 112.5°

ITEM NO.	Base	Height
050211	57mm(2-1/4")	35mm(1-3/8")



ANCHOR LIGHT

three color (red/green/white)

ITEM NO.	Base	Height
050213	63.5mm(2-1/2")	89mm(3-1/2")

LIGHTS



ECONOMY ALL-ROUND

Lights fixed plastic base 12V 5W

ITEM NO.	Height	Base
050310	230mm (9")	63.5mmx25mm (2-1/2")x(1")



PLASTIC FIXED-MOUNT ALL-ROUND NAVIGATION LIGHT

50/Box

for power boat to 12m visibility:2nm
12V 8W bulb.

ITEM NO.	Base	Height
050309	30x65mm (1-3/16"x2-9/16")	125mm (5")



SIDE LIGHT (pairs) AISI 304

50prs/Box

flush mounted stamped stainless steel

ITEM NO.	Lens color	Base
050242	red/green	19.6Lx5.7Wx7cm deep (7-3/4"Lx2-1/4"Wx2-3/4"deep)



STERN LIGHT AISI 304

50/Box

flush mounted stamped stainless steel 12V/10W bulb

ITEM NO.	Lens color	Base
050243	white	13x8.6x3.8cm (5-1/8"x3-3/8"x1-1/2")



STERN LIGHT AISI 304

100/Box

flush mounted stamped stainless steel 12V 135° bulb

ITEM NO.	Lens color	Base Φ
050244	white	7.5cm(3")
050245	red	7.5cm(3")



HALOGEN

DOME LIGHTS

new, on/off/on rocker switches and
vented housings that prevent heat build-up,
side cooling slots

They're hard to beat for general illumination
below decks. Patterned glass lenses create
muted light.

Includes two 10W G-4 halogen bulbs. 12V DC
G-4 halogen bulb

ITEM NO.	Material	O.D. Dia
050180	stainless steel white color coated	1110mm(4-5/8") halogen
050181	stainless steel white color coated	140mm(5-1/2") halogen

LIGHTS



OPAL READING LIGHT

frosted glass shades 12V 10W halogen bulb

ITEM NO.	Material	Base
050143	brass	66mmLx80mmW (2.63"Lx3.14"W)
050144	chrome	66mmLx80mmW (2.63"Lx3.14"W)



READING LIGHT

Lacquered brass 12V 20W halogen

Lamp can be rotated 50/Box

ITEM NO.	Base	Shade dia	Height
050111	66mm (2-1/2")	40mm (1-9/16")	115mm (4-1/2")



READING LIGHT

Lacquered brass 12V 10W halogen

Lamp can be rotated 100/Box

ITEM NO.	Base	Shade dia	Height
050109	58mm (2-3/8")	38mm (1-1/2")	105mm (4-1/8")



READING LIGHT

Lacquered brass 12V 20W halogen

Lamp can be rotated 50/Box

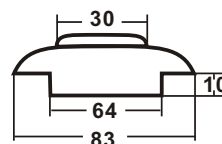
ITEM NO.	Base	Shade dia	Height
050110	66mm (2-1/2")	35mm (1-5/8")	72mm (2-7/8")



PLASTIC READING LIGHT 100/Box

12V G4-10W halogen bulb glass lens

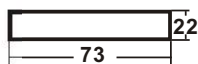
ITEM NO.	Base	Shade Dia	Height
050157	60mm (2-3/8")	38mm (1-1/2")	75mm (3")



PLASTIC CEILING LIGHT 100/Box

12V G4-10w halogen bulb glass lens

ITEM NO.	Base	Shade dia
050167	83mm (3-1/4")	32mm (1-1/2")

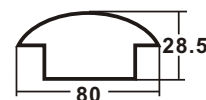


CEILING LIGHT

100/Box

flush mounted 12V G4-10W halogen bulb & protective lens plastic.

ITEM NO.	Dimensions	Color
050166	73mm(2-7/8")	white



LED LAMP

flush-mount made of PC, waterproof, 3 leds

ITEM NO.	Base	Height	Color
050197	80mm 3-1/8"	28.5mm 1-1/8"	red LED
050198	80mm 3-1/8"	28.5mm 1-1/8"	yellow LED
050199	80mm 3-1/8"	28.5mm 1-1/8"	white LED

LIGHTS



LED DOME LIGHTS

Heavy-duty fresnel patterned acrylic lenses are designed to provide even light patterns. Red leds for night vision. All lights have a rocker switch.

ITEM NO.	Material	O.D. Dia	LED
050147	stainless steel	110mm(4")	white
050148	stainless steel	110mm(4")	white/red
050149	stainless steel	178mm(7")	white/red



DOME LIGHTS

12V DC.

ITEM NO.	Bulbs	Material	Dia	
050100	clear	brass	110mm(4-5/8")	10W
050101	clear	stainless steel	110mm(4-5/8")	10W
050102	clear	brass	140mm(5-1/2")	15W
050103	clear	stainless steel	140mm(5-1/2")	15W
050104	clear	brass	178mm(7")	15W
050108	clear	stainless steel	178mm(7")	15W

HALOGEN SWIVEL READING LIGHT

50/Box

Universal joint lets you aim the light wherever you need it. Includes a bright 12V G4-10W halogen.



ITEM NO.	Base	Material	Shade dia.	Extends	Maximum height
050116	89mm (3-1/2")	brass	87mm (3-7/16")	140mm from wall (5-1/2")	171mm (6-3/4")
050117	92mm (3-5/8")	brass	75mm (3")	114mm from wall (4-1/2")	152mm (6")
050176	89mm (3-1/2")	chromed plated	87mm (3-7/16")	140mm from wall (5-1/2")	171mm (6-3/4")
050177	92mm (3-5/8")	chromed plated	75mm (3")	114mm from wall (4-1/2")	152mm (6")

SWIVEL READING LIGHT

50/Box

Highly polished brass with knurled adjustment knobs bright white interior reflective surface creates even illumination 12V 10W.



ITEM NO.	Base	Material	Shade dia.	Extends	Maximum height
050106	89mm (3-1/2")	brass	87mm (3-7/16")	140mm from wall (5-1/2")	171mm (6-3/4")
050107	92mm (3-5/8")	brass	75mm (3")	114mm from wall (4-1/2")	152mm (6")
050178	89mm (3-1/2")	chromed plated	87mm (3-7/16")	140mm from wall (5-1/2")	171mm (6-3/4")
050179	92mm (3-5/8")	chromed plated	75mm (3")	114mm from wall (4-1/2")	152mm (6")



READING LIGHT

50/Box

G4 12V 10W halogen bulb

ITEM NO.	Material
050141	brass
050142	chrome plated

LIGHTS



DOME LIGHTS

Universal-lights

ITEM NO.		Material	Dia
050153	10w	brass	103mm(4")
050154	10w	stainless	103mm(4")
050155	15w&10w	stainless	145mm(5.7")



LED LAMP

flush mount made of pc, waterproof, 2 leds

ITEM NO.	Base	Color	
050190	82x32mm(3-1/4"x1-1/8")	red	LED
050191	82x32mm(3-1/4"x1-1/8")	yellow	LED
050192	82x32mm(3-1/4"x1-1/8")	white	LED



COMPARTMENT LIGHTS plastic

ITEM NO.	Dimensions
050400	63.5mmx30mmx25mm (2-1/2")x(1-3/16")x(1")



ECONOMY DOME LIGHT

50/Box

Plastic light contains two white bulbs and one red night vision bulb. Pre-wired with a three-way switch. 125mm(5")dia.x31mm(1-1/4")H. 12V DC.

ITEM NO. **050125**



chrome plated zinc

ALL ROUND AND MASTHEAD LIGHTS

Clear plastic globe black plastic tops and chrome plated zinc bases 19mm (3/4") s.s. dia tube mounts can adjust to any angle.

ITEM NO.	Height	Base
050325	26cm (10")	60mmx20mm (2.36"x0.78")



STERN LIGHT

12V stainless steel AISI 316

ITEM NO.	Height	Base
050301	20cm(8")	50x85mm(2"x3-3/8")
050307	61cm(24")	50x85mm(2"x3-3/8")



TELESCOPE ANCHOR POLE LIGHT

All-round light for powerboats to 12m staff telescope high-impact plastic lens. stainless steel pole dia 18mm & base. 12W 12V DC 25/Box

ITEM NO.	Height	Base
050304	61cm (24")	50mmx85mm (2"x3-3/8")



PLUG IN REMOVABLE ANCHOR POLE LIGHT

25/Box

A white allround anchor light with a plug in pole which quickly removes for easy storage. the black nylon base has a rubber splash proof cover to protect the 2 pin socket from weathering.

ITEM NO.	Length
050320	61mm(24")

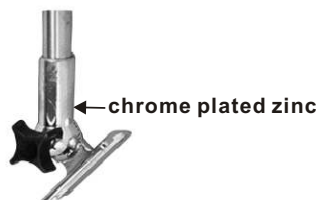


PLUG IN REMOVABLE ANCHOR POLE LIGHT

25/Box

All-round light for powerboats to 12m. Staff plugs in for use, removes for storage. High-impact plastic lens assembly reduces weight. stainless steel base. 3/4"(19mm)dia s.s. pole. 12W 12V DC.

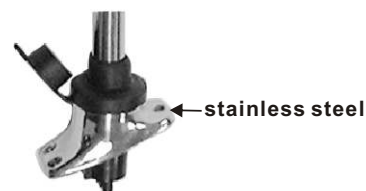
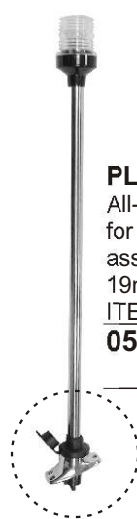
ITEM NO.	Height	Base
050303	61cm (24")	60mmx120mm (2.36"x4.7")



PLUG IN REMOVABLE ANCHOR POLE LIGHT

Universal pole lights 3/4"(19mm)dia s.s. pole. adjustable any angle never rust base 12W 12VDC

ITEM NO.	Height	Base
050322	61cm (24")	38mmx70mm (1.5"x2.76")



PLUG IN REMOVABLE ANCHOR POLE LIGHT

All-round light for powerboats to 12m. staff plugs in for use, removes for storage. high-impact plastic lens assembly reduce weight. stainless steel base. 19mm(4-3/4") dia s.s. pole 12W 12V DC

25/Box

ITEM NO.	Height	Base
050302	61cm (24")	30mmx80mm (1-3/16"x3-1/8")



S.S. cliper for flag



STERN LIGHT

12V stainless steel AISI 316

ITEM NO.	Height	Base
050308	50cm(2")	50x85mm(2"x3-3/8")

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000002	13	000108	1	000608	8	001118	4
000003	21	000110	1	000705	107	001120	4
000006	14	000112	1	000706	73	001122	4
000007	14	000113	1	000709	73	001206	3
000008	14	000116	1	000711	73	001208	3
000010	13	000118	121	000712	74	001210	3
000015	13	000119	121	000713	73	001212	3
000016	10	000120	1	000715	117	001240	21
000018	10	000121	114	000718	73	001270	21
000020	10	000128	115	000719	74	001304	2
000021	10	000129	115	000720	73	001305	2
000023	10	000130	116	000726	74	001306	2
000024	10	000131	116	000727	74	001308	2
000025	10	000133	121	000728	74	001310	2
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000029	10	000138	114	000732	74	001508	2
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000031	10	000140	121	000806	3	001512	7
000032	10	000201	10	000808	3	001513	9
000033	10	000206	1	000810	3	001514	9
000034	10	000208	1	000812	3	001516	7
000036	10	000210	1	000816	3	001517	7
000038	10	000213	1	000819	3	001518	7
000039	10	000216	1	000826	3	001522	7
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000065	10	000401	2	001008	3	001613	6
000070	10	000402	2	001010	3	001614	6
000071	10	000403	2	001024	4	001615	6
000072	10	000404	101	001025	4	001616	6
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000074	10	000406	1	001028	4	001618	6
000075	10	000408	1	001030	4	001619	6
000076	10	000410	1	001032	4	001620	6
000077	10	000413	1	001034	4	001622	6
000078	10	000416	1	001035	4	001623	6
000079	10	000501	2	001036	4	001624	6
000080	10	000502	2	001038	4	001625	6
000081	10	000503	2	001040	4	001627	6
000082	10	000513	1	001042	4	001628	6
000083	10	000516	1	001105	4	001629	6
000098	129	000603	8	001106	4	001633	6
000099	128	000604	8	001108	4	001636	7
000101	10	000605	8	001110	4	001637	7
000105	1	000606	8	001115	4	001705	117

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001706	117	002251	75	002645	14	003005	23
001707	117	002252	75	002646	14	003006	23
001712	117	002255	75	002648	14	003007	20
001713	117	002256	75	002654	14	003008	23
001715	117	002257	75	002656	14	003010	19
001716	117	002265	30	002658	14	003011	19
001717	117	002280	30	002706	18	003012	19
001720	67	002300	115	002708	18	003013	20
001721	67	002301	115	002710	18	003100	58
001722	67	002306	24	002711	18	003101	66
001723	67	002308	24	002712	7	003102	58
001806	29	002310	24	002713	7	003104	23
001808	29	002349	9	002715	8	003105	23
001810	29	002350	9	002716	8	003106	23
001812	29	002355	9	002722	7	003108	23
001813	29	002365	9	002723	8	003115	67
001814	29	002380	9	002724	8	003123	110
001815	29	002403	14	002725	8	003125	67
001820	30	002404	14	002728	8	003130	21
001821	30	002405	14	002729	8	003131	20
001822	30	002406	14	002730	8	003133	20
001825	30	002408	14	002735	8	003134	20
001826	30	002410	14	002736	8	003135	20
001827	30	002412	14	002737	8	003136	20
001906	18	002414	14	002738	8	003137	20
001908	18	002416	14	002805	18	003138	20
001910	18	002424	14	002806	18	003139	20
001911	19	002425	14	002807	18	003140	20
001912	18	002426	14	002808	18	003141	31
001913	129	002428	14	002810	18	003142	31
001914	129	002430	107	002811	18	003143	8
001915	18	002431	107	002815	18	003144	8
001917	124	002432	107	002816	18	003145	8
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018120	92	020316	68	050116	137	050320	139
019108	92	020317	113	050117	137	050322	139
019110	92	020318	68	050125	138	050325	138
019120	92	020408	116	050141	137	050400	138
019525	94	020410	116	050142	137	058130	91
019532	94	020411	116	050143	136	060000	2
019550	94	020412	116	050144	136	060001	2
020002	112	020506	90	050147	137	060002	2
020005	112	020508	90	050148	137	060003	2
020006	24	020510	90	050149	137	060004	2
020008	24	020512	90	050153	138	060005	2
020010	24	020520	90	050154	138	060006	2
020011	112	020521	90	050155	138	060007	2
020012	24	020600	10	050157	136	060010	123
020015	112	020601	10	050166	136	060012	123
020020	112	020602	10	050167	136	060013	123
020075	112	020603	112	050176	137	060014	123
020100	4	020605	112	050177	137	060019	123
020101	4	020608	112	050178	137	060021	123
020102	4	020610	112	050179	137	060025	82
020103	4	020612	112	050180	135	060030	123
020104	4	020614	112	050181	135	060032	123
020105	4	021020	116	050190	138	060038	82
020106	5	021021	116	050191	138	060102	64
020107	5	021022	116	050192	138	060103	64
020108	5	021023	116	050197	136	060130	64
020109	4	021024	116	050198	136	060138	64
020111	112	021025	116	050199	136	060150	64
020112	112	021026	116	050200	134	060410	20
020113	112	021030	116	050201	134	060530	19
020115	112	021031	116	050202	134	060625	19
020116	112	030001	133	050203	134	060900	59
020200	112	030002	133	050204	134	060901	58
020201	112	040002	128	050211	134	060903	58
020202	112	040003	128	050213	134	060904	58
020203	112	050033	38	050214	134	060905	59
020204	112	050034	38	050215	134	060906	59
020206	112	050039	117	050216	134	060907	59
020208	112	050040	117	050217	134	060910	59
020210	112	050041	117	050218	134	060972	65
020212	112	050042	117	050219	134	061001	19
020214	112	050043	117	050220	134	061003	19
020215	112	050045	117	050241	134	061110	30
020217	112	050046	117	050242	135	062120	15
020219	112	050100	137	050243	135	062126	15
020220	112	050101	137	050244	135	062130	15
020225	112	050102	137	050245	135	062136	15
020305	116	050103	137	050301	138	062140	15
020306	116	050104	137	050302	139	070006	124
020308	116	050106	137	050303	139	070019	125
020310	116	050107	137	050304	138	070022	125
020311	116	050108	137	050307	138	070025	125

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070071	107	071832	125	073765	125	A08007L	129
070072	107	072010	90	073801	83	A08007M	129
070073	107	072013	90	073810	83	A08007N	129
070265	53	072015	90	073812	83	A08007O	129
070540	53	072017	90	073815	83	A08007P	129
070640	53	072020	90	073816	83	A08007Q	129
070904	14	072021	90	073900	82	A08007R	129
070905	14	072060	90	073920	83	A08007S	129
070906	14	072075	90	073925	82	A08007T	129
070908	14	072115	90	073926	82	A08007U	129
070910	14	072200	36	074001	97	A08007V	129
070912	14	072201	36	074002	101	A08007W	129
070914	14	072202	36	074138	86	A08007X	129
070916	14	072213	127	074200	80	A08007Y	129
070918	14	072319	127	074238	86	A08007Z	129
070920	14	072415	124	074250	86	A0800A0	129
071006	125	072417	124	074338	86	A0800A1	129
071008	125	0724725	124	074350	86	A0800A2	129
071010	125	072518	127	074438	86	A0800A3	129
071100	125	072525	127	074538	86	A0800A4	129
071116	125	072618	122	074638	86	A0800A5	129
071125	125	072785	80	074738	86	A0800A6	129
071130	125	072885	80	074815	83	A0800A7	129
071140	125	072920	80	080000	128	A0800A8	129
071145	125	072926	80	080002	112	A0800A9	129
071200	124	073130-4	80	080003	112		
071201	124	073130-5	80	080005	112		
071202	124	073282	80	080007	112		
071203	22	073310	80	080009	112		
071204	22	073314	80	080010	112		
071208	125	073319	80	080012	112		
071209	125	073405	78	080015	112		
071210	126	073406	78	080016	112		
071211	126	073407	78	080017	116		
071401	19	073408	78	080018	116		
071402	19	073409	78	080020	112		
071407	112	073412	127	080075	112		
071415	112	073413	127	090000	128		
071425	112	073415	78	2404-SS	5		
071440	112	073500	113	2809	130		
071600	126	073501	113	2810	130		
071601	126	073502	113	2812	130		
071602	126	073503	114	2813	130		
071606	126	073504	113	882	128		
071613	126	073505	113	A08007A	129		
071617	126	073506	113	A08007B	129		
071706	126	073510	124	A08007C	129		
071713	126	073512	72	A08007D	129		
071718	126	073515	72	A08007E	129		
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