

H I G R A C E H A R D W A R E L I M I T E D

Hi-GRACE
www.higrace.com.cn

MARINE FITTING

RIGGING

ROPE

CHAIN

ANCHOR

B



Catalog

1	Shackles, Clips, Thimbles, Swivels & Blocks	4 ~ 15
2	Rigging screws, Terminals & Turnbuckles	16 ~ 21
3	Snap hooks, Rings, Eye bolts & Eye plates	22 ~ 33
4	Chains, Lifting hooks & Winches	34 ~ 40
5	Anchors, Rowlocks, Shock cords & Rubber rollers	41 ~ 50
6	Cleats, Rail fittings & Deck hinges	51 ~ 70
7	Thru hulls, Vent & Pipe fittings	71 ~ 76
8	Ladders, Motor bracket, Signals	77 ~ 81

HIGRACE HARDWARE LIMITED

HiGrace Hardware Limited is a professional manufacture for lost-wax precision stainless steel casting.

We are able to supply full range of rigging hardware for industry & Marine. With 10years experience in this business, we are professional in:

** developing customized items according to drawing or sample, special in stainless precision lost wax casting.

** solving technical problem with strong engineering power behind.

** producing according to ISO standard, supplying QC report with material composition and mechanical property.

Group 1

Shackles	4 ~ 6
Snap shackles	6
High tensile shackles	7
Simplex & Duplex clips	8
Wire rope clips	8
Swivels	9
Thimbles	9 ~ 11
Blocks	11 ~ 15



Euro. Shackle Dee

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
101004	4	8	14	250
101005	5	10	17.5	400
101006	6	12	21	550
101008	8	16	28	1000
101010	10	20	35	1500
101012	12	24	42	2300
101014	14	28	49	3500
101016	16	32	56	4200
101020	19	38	66	5200
101022	22	44	77	6500
101024	24	48	84	7500



Euro. Shackle Bow

s.s. AISI316

Number	Size (mm)	Inner width B1(mm)	Inner width B2(mm)	Inner length (mm)
102004	4	8	14	14
102005	5	10	17	17.5
102006	6	12	21	21
102008	8	16	28	28
102010	10	20	35	35
102012	12	24	42	42
102014	14	28	49	49
102016	16	32	56	56
102020	19	38	66	66
102022	22	44	77	77
102024	24	48	84	84



Euro. Shackle Dee

carbon steel

Number for E.G.	Number for H.D.G.	Size (mm)	Inner width (mm)	Inner length (mm)
101605	101805	5	10	17.5
101606	101806	6	12	21
101608	101808	8	16	28
101610	101810	10	20	35
101611	101811	11	22	38.5
101612	101812	12	24	42
101614	101814	14	28	49
101616	101816	16	32	56
101620	101820	19	38	66
101622	101822	22	44	77
101624	101824	24	48	84



Euro. Shackle Bow

carbon steel

Number for E.G.	Number for H.D.G.	Size (mm)	Inner width (mm)	Inner length (mm)
102605	102805	5	10	17.5
102606	102806	6	12	21
102608	102808	8	16	28
102610	102810	10	20	35
102611	102811	11	22	38.5
102612	102812	12	24	42
102614	102814	14	28	49
102616	102816	16	32	56
102620	102820	19	38	66
102622	102822	22	44	77
102624	102824	24	48	84



Shackle Long Dee

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
103004	4	8	30	250
103005	5	10	37.5	400
103006	6	12	45	550
103008	8	16	60	1000
103010	10	20	75	1500
103012	12	24	90	2300



Shackle Twisted

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
104004	4	8	22	250
104005	5	10	27.5	400
104006	6	12	33	550
104008	8	16	44	1000
104010	10	20	55	1500
104012	12	24	66	2300



Shackle Dee with Captive Pin

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)
107004	4	8	14
107005	5	10	17.5
107006	6	12	21
107008	8	16	28
107010	10	20	35
107012	12	24	42



Shackle Long Dee with Captive Pin

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
103504	4	8	30	250
103505	5	10	37.5	400
103506	6	12	45	550
103508	8	16	60	1000
103510	10	20	75	1500
103512	12	24	90	2300



Dee Shackle with Slotted Sink Pin

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
105006	6	12	21	550
105008	8	16	28	1000
105010	10	20	35	1500
105012	12	24	42	2300



Key Pin Shackle without Bar

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)
106105	5	12	38
106106	6	15	43
106108	8	20	60



Shackle Bow with Captive Pin

s.s. AISI316

Number	Size (mm)	Inner width B1(mm)	Inner width B2(mm)	Inner length (mm)
108004	4	8	14	14
108005	5	10	17	17.5
108006	6	12	21	21
108008	8	16	28	28
108010	10	20	35	35
108012	12	24	42	42



Shackle Twisted with Captive Pin

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
104504	4	8	22	250
104505	5	10	27.5	400
104506	6	12	33	550
104508	8	16	44	1000
104510	10	20	55	1500
104512	12	24	66	2300



Dee Shackle with Hexagon Sink Pin

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)	Safe Working Load (kg)
105106	6	12	21	550
105108	8	16	28	1000
105110	10	20	35	1500
105112	12	24	42	2300



Key Pin Shackle with Bar

s.s. AISI316

Number	Size (mm)	Inner width (mm)	Inner length (mm)
106005	5	12	38
106006	6	15	43
106008	8	20	60



US Shackle Dee

s.s. AISI316

Number	Size (inch)	Pin Dia. (Inch)	Inner width (mm)	Inner length (mm)
109005	3/16	1/4	10	19
109006	1/4	5/16	13	22
109008	5/16	3/8	14	26
109010	3/8	7/16	17	32
109011	7/16	1/2	18	36
109012	1/2	5/8	21	41
109016	5/8	3/4	27	51
109020	3/4	7/8	32	60
109022	7/8	1	37	71
109025	1	1-1/8	43	81

US Shackle Dee

carbon steel

Number for E.G.	Number for H.D.G.	Size (inch)	Inner width (mm)	Inner length (mm)
109605	109805	3/16	10	19
109606	109806	1/4	13	22
109608	109808	5/16	14	26
109610	109810	3/8	17	32
109611	109811	7/16	18	36
109612	109812	1/2	21	41
109616	109816	5/8	27	51
109620	109820	3/4	32	60
109622	109822	7/8	37	71
109625	109826	1	43	81



Fixes Snap Shackle

s.s. AISI316

Number	Length (mm)	Breaking Load (kg)
121052	52	1200
121066	66	2200
121096	96	3000



Jaw Swivel Snap Shackle

s.s. AISI316

Number	Length (mm)	Breaking Load (kg)
123070	70	1200
123087	87	2200
123128	128	3000



US Shackle Bow

s.s. AISI316

Number	Size (inch)	Pin Dia. (Inch)	Inner width (mm)	Inner length (mm)
110005	3/16	1/4	10	22
110006	1/4	5/16	13	28
110008	5/16	3/8	14	31
110010	3/8	7/16	17	37
110011	7/16	1/2	18	43
110012	1/2	5/8	21	48
110016	5/8	3/4	27	60
110020	3/4	7/8	32	71
110022	7/8	1	37	84
110025	1	1-1/8	43	95

US Shackle Bow

carbon steel

Number for E.G.	Number for H.D.G.	Size (inch)	Inner width (mm)	Inner length (mm)
110605	110805	3/16	10	19
110606	110806	1/4	13	22
110608	110808	5/16	14	26
110610	110810	3/8	17	32
110611	110811	7/16	18	36
110612	110812	1/2	21	41
110616	110816	5/8	27	51
110620	110820	3/4	32	60
110622	110822	7/8	37	71
110625	110826	1	43	81



Eye Swivel Snap Shackle

s.s. AISI316

Number	Length (mm)	Breaking Load (kg)
122070	70	1200
122087	87	2200
122128	128	3000



Snap Shackle Body

s.s. AISI316

Number	Screw Dia. (mm)	A (mm)
124006	6	12
124008	8	16
124010	10	22



High Tensile Shackle G-210

H.D.G.

Breaking load = 6 x safe working load

Number	Size (inch)	Inner width (mm)	Inner length (mm)	Safe Working Load (ton)
125005	3/16	10	18	0.375
125006	1/4	12	22	0.50
125008	5/16	13	26	0.75
125010	3/8	16	31	1.00
125011	7/16	18	36	1.50
125012	1/2	21	41	2.00
125016	5/8	27	51	3.25
125019	3/4	32	60	4.75
125022	7/8	36	71	6.50
125025	1	43	81	8.50
125028	1-1/8	46	90	9.50
125032	1-1/4	52	100	12.0
125035	1-3/8	57	113	13.5
125038	1-1/2	60	124	17.0
125044	1-3/4	73	146	25.0
125050	2	83	171	35.0
125064	2-1/2	105	203	55.0
125076	3	127	216	85.0

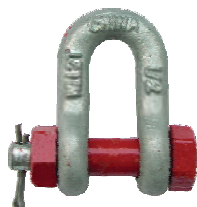


High Tensile Shackle G-209

H.D.G.

Breaking load = 6 x safe working load

Number	Size (inch)	Inner width (mm)	Inner length (mm)	Safe Working Load (ton)
126005	3/16	10	20	0.375
126006	1/4	12	24	0.50
126008	5/16	13	31	0.75
126010	3/8	16	36	1.00
126011	7/16	18	42	1.50
126012	1/2	21	48	2.00
126016	5/8	27	60	3.25
126019	3/4	32	71	4.75
126022	7/8	36	84	6.50
126025	1	43	95	8.50
126028	1-1/8	46	108	9.50
126032	1-1/4	52	119	12.0
126035	1-3/8	57	133	13.5
126038	1-1/2	60	146	17.0
126044	1-3/4	73	178	25.0
126050	2	83	197	35.0
126064	2-1/2	105	267	55.0
126076	3	127	330	85.0



High Tensile Shackle G-2150

H.D.G.

Breaking load = 6 x safe working load

Number	Size (inch)	Inner width (mm)	Inner length (mm)	Safe Working Load (ton)
127006	1/4	12	22	0.50
127008	5/16	13	26	0.75
127010	3/8	16	31	1.00
127011	7/16	18	36	1.50
127012	1/2	21	41	2.00
127016	5/8	27	51	3.25
127019	3/4	32	60	4.75
127022	7/8	36	71	6.50
127025	1	43	81	8.50
127028	1-1/8	46	90	9.50
127032	1-1/4	52	100	12.0
127035	1-3/8	57	113	13.5
127038	1-1/2	60	124	17.0
127044	1-3/4	73	146	25.0
127050	2	83	171	35.0
127064	2-1/2	105	203	55.0
127076	3	127	216	85.0



High Tensile Shackle G-2130

H.D.G.

Breaking load = 6 x safe working load

Number	Size (inch)	Inner width (mm)	Inner length (mm)	Safe Working Load (ton)
128006	1/4	12	24	0.50
128008	5/16	13	31	0.75
128010	3/8	16	36	1.00
128011	7/16	18	42	1.50
128012	1/2	21	48	2.00
128016	5/8	27	60	3.25
128019	3/4	32	71	4.75
128022	7/8	36	84	6.50
128025	1	43	95	8.50
128028	1-1/8	46	108	9.50
128032	1-1/4	52	119	12.0
128035	1-3/8	57	133	13.5
128038	1-1/2	60	146	17.0
128044	1-3/4	73	178	25.0
128050	2	83	197	35.0
128064	2-1/2	105	267	55.0
128076	3	127	330	85.0



Simplex Clip

s.s. AISI316

Number	Size (mm)	Thread (mm)	Width (mm)	Length (mm)
131002	2	M4	12	15
131003	3	M4	14	17
131004	4	M5	18	20
131005	5	M5	20	25
131006	6	M6	24	30
131008	8	M8	30	37
131010	10	M10	35	47

Simplex Clip

steel, Elec. Galv.

Number	Size (mm)	Thread (mm)	Width (mm)	Length (mm)
131602	2	M4	12	15
131603	3	M4	14	17
131604	4	M5	18	20
131605	5	M5	20	25
131606	6	M6	24	30
131608	8	M8	30	37
131610	10	M10	35	47



Wire Rope Clip DIN741

s.s. AISI316

Number	For wire Dia. (mm)	Thread (mm)
133002	2	M3
133003	3	M3
133004	4	M4
133005	5	M5
133006	6	M6
133008	8	M6
133010	10	M8
133013	13	M10
133016	16	M10
133019	19	M12
133022	22	M12
133025	25	M14

Wire Rope Clip DIN741

steel, Elec. Galv.

Number	For wire Dia. (mm)	Thread (mm)
133603	3	M4
133605	5	M5
133606	6	M5
133608	8	M6
133610	10	M8
133611	11	M8
133613	13	M10
133614	14	M10
133616	16	M12
133619	19	M12
133622	22	M14
133625	25	M14



Duplex Clip

s.s. AISI316

Number	Size (mm)	Thread (mm)	Width (mm)	Length (mm)
132002	2	M4	12	30
132003	3	M4	14	35
132004	4	M5	18	40
132005	5	M5	20	50
132006	6	M6	24	50
132008	8	M8	30	75
132010	10	M10	35	95

Duplex Clip

steel, Elec. Galv.

Number	Size (mm)	Thread (mm)	Width (mm)	Length (mm)
132602	2	M4	12	30
132603	3	M4	14	35
132604	4	M5	18	40
132605	5	M5	20	50
132606	6	M6	24	60
132608	8	M8	30	75
132610	10	M10	35	95



Wire Rope Clip US type

s.s. AISI316

Number	For wire Dia. (Inch)	Thread (mm)
134003	1/8	M3
134004	5/32	M4
134005	3/16	M5
134006	1/4	M6
134008	5/16	M6
134010	3/8	M8
134011	7/16	M10
134013	1/2	M10
134016	5/8	M12
134019	3/4	M14
134022	7/8	M14
134025	1	M16

Wire Rope Clip US type

steel, Elec. Galv.

Number	For wire Dia. (mm)	Thread (mm)
134603	1/8	M4
134605	3/16	M5
134606	1/4	M5
134608	5/16	M6
134610	3/8	M8
134611	7/16	M8
134613	1/2	M10
134614	9/16	M10
134616	5/8	M12
134619	3/4	M12
134622	7/8	M14
134625	1	M14



Swivel Eye - Eye

s.s. AISI316

Number	Size (mm)	Length (mm)	Inner width (mm)	Breaking load (kg)
136005	5	60	13	820
136006	6	65	15	1350
136008	8	90	20	2500
136010	10	115	24	3500
136013	13	152	32	6000
136016	16	188	39	10800
136019	19	230	41	16100
136022	22	250	47	22000
136025	25	290	63	27000



Swivel Eye - Jaw

s.s. AISI316

Number	Size (mm)	Length (mm)	Inner width (mm)	Breaking load (kg)
136105	5	60	10	820
136106	6	66	12	1350
136108	8	90	16	2500
136110	10	115	20	3500
136113	13	152	26	6000
136116	16	188	32	10800
136119	19	230	38	16100
136122	22	250	44	22000
136125	25	290	50	27000



Swivel Jaw - Jaw

s.s. AISI316

Number	Size (mm)	Length (mm)	Inner width (mm)	Breaking load (kg)
136205	5	60	10	820
136206	6	66	12	1350
136208	8	90	16	2500
136210	10	115	20	3500
136213	13	152	26	6000
136216	16	188	32	10800
136219	19	230	38	16100
136222	22	250	44	22000
136225	25	290	50	27000



Tube Thimble

s.s. AISI316

Number	For rope Dia. (mm)	Tube inner Dia. (mm)	Inner width (mm)	Length (mm)
145010	10	12	23	90
145012	12	15	27	105
145014	14	17	27	115
145016	16	19	32	120
145018	18	22	35	140
145022	22	25	45	180
145025	25	30	47	195
145032	32	35	60	215
145038	38	40	70	260



Tube Thimble

steel, painted

Number	For rope Dia. (mm)	Tube inner Dia. (mm)	Inner width (mm)	Length (mm)
145410	10	12	23	90
145412	12	15	27	105
145414	14	17	27	115
145416	16	19	32	120
145420	20	22	35	140
145422	22	25	45	180
145425	25	28	47	195
145428	28	30	55	215
145432	32	35	60	235
145438	38	40	70	260



Tube Thimble

steel, H.D.G.

Number	For rope Dia. (mm)	Tube inner Dia. (mm)	Inner width (mm)	Length (mm)
145810	10	12	23	90
145812	12	15	27	105
145814	14	17	27	115
145816	16	19	32	120
145820	20	22	35	140
145822	22	25	45	180
145825	25	28	47	195
145828	28	30	55	215
145832	32	35	60	235
145838	38	40	70	260



Euro. Comm. Thimble

stainless steel

Number for ss316	Number for ss304	For wire Dia. (mm)	Inner width (mm)	Inner length (mm)
141002	141202	2	7	10
141003	141203	3	10	17
141004	141204	4	11	18
141005	141205	5	13	20
141006	141206	6	15	25
141008	141208	8	18	32
141010	141210	10	23	41
141012	141212	12	27	48
141014	141214	14	34	53
141016	141216	16	36	57
141018	141218	18	40	67
141020	141220	20	45	75
141022	141222	22	52	84
141024	141224	24	56	96

Euro. Comm. Thimble

carbon steel

Number for E.G.	Number for H.D.G.	For wire Dia. (mm)	Inner width (mm)	Inner length (mm)
141603	141803	3	11	16
141604	141804	4	16	22
141605	141805	5	19	26
141606	141806	6	22	32
141607	141807	7	24	34
141608	141808	8	29	38
141610	141810	10	35	48
141612	141812	12	40	57
141614	141814	14	42	60
141616	141816	16	45	67
141618	141818	18	51	76
141620	141820	20	54	83
141622	141822	22	64	88
141624	141824	24	68	102



Thimble DIN6899 A

carbon steel

Number for E.G.	Number for H.D.G.	For wire Dia. (mm)	Inner width (mm)	Inner length (mm)
146603	146803	2.5x3	10	21
146604	146804	3x4	12	26
146605	146805	4x5	13	28
146606	146806	5x6	14	30
146607	146807	6x7	15	33
146608	146808	7x8	16	35
146610	146810	8x10	19	40
146612	146812	10x12	24	50
146614	146814	12x14	28	60
146616	146816	14x16	32	70
146618	146818	16x18	35	78
146620	146820	18x20	40	86
146622	146822	20x22	44	95
146624	146824	22x24	48	102



Euro. Thimble with welded stud

stainless steel

Number for ss316	Number for ss304	For wire Dia. (mm)	Inner width (mm)	Inner length (mm)
142002	142202	2	7	10
142003	142203	3	10	17
142004	142204	4	11	18
142005	142205	5	13	20
142006	142206	6	15	25
142008	142208	8	18	32
142010	142210	10	23	41
142012	142212	12	27	48
142014	142214	14	34	53
142016	142216	16	36	57
142018	142218	18	40	67
142020	142220	20	45	75
142022	142222	22	52	84
142024	142224	24	56	96



Casting Thimble with closed end

s.s. AISI316

Number	For rope Dia. (mm)	Tube inner Dia. (mm)	Inner width (mm)	Outer length (mm)
142304	4	4	12	32
142306	6	6	16	43
142308	8	8	24	58.5
142310	10	10	28	72
142312	12	12	35	86
142314	14	14	39	101
142316	16	16	45	110
142320	20	20	54	124
142322	22	22	60	130



Thimble DIN6899 B

carbon steel

Number for E.G.	Number for H.D.G.	For wire Dia. (mm)	Inner width (mm)	Inner length (mm)
142603	142803	2.5x3	13	21
142604	142804	3x4	14	23
142605	142805	4x5	16	25
142606	142806	5x6	18	28
142607	142807	6x7	20	32
142608	142808	7x8	24	38
142610	142810	8x10	28	45
142612	142812	10x12	32	51
142614	142814	12x14	36	58
142616	142816	14x16	40	64
142618	142818	16x18	45	72
142620	142820	18x20	50	80
142622	142822	20x22	56	90
142624	142824	22x24	62	99



US Thimble Light G-411

stainless steel

Number for ss316	Number for ss304	For wire Dia. (Inch)	Inner width (mm)	Inner length (mm)
143003	143203	1/8	16	30
143005	143205	3/16	17	32
143006	143206	1/4	18	33
143008	143208	5/16	20	38
143010	143210	3/8	24	42
143012	143212	1/2	29	48
143014	143214	9/16	32	54
143016	143216	5/8	35	57
143020	143220	3/4	41	64
143022	143222	7/8	48	89
143024	143224	1	56	108

US Thimble Light G-411

carbon steel

Number for E.G.	Number for H.D.G.	For wire Dia. (Inch)	Inner width (mm)	Inner length (mm)
143603	143803	1/8	16	30
143605	143805	3/16	17	32
143606	143806	1/4	18	33
143608	143808	5/16	20	38
143610	143810	3/8	24	42
143612	143812	1/2	29	48
143616	143816	5/8	35	57
143620	143820	3/4	41	64
143622	143822	7/8	48	89
143625	143825	1	56	108
143630	143830	1-1/8	64	114



Single Block S8250 with nylon sheave

s.s. AISI316

Number	Sheave Dia. (mm)	for rope Dia. (mm)	Length (mm)
149000	25	6	45



Single Block S8253 with nylon sheave

s.s. AISI316

Number	Sheave Dia. (mm)	for rope Dia. (mm)	Length (mm)
149003	25	6	60



US Thimble Heavy Duty G-414

stainless steel

Number for ss316	Number for ss304	For wire Dia. (Inch)	Inner width (mm)	Inner length (mm)
144004	144204	5/32	18	32
144005	144205	3/16	20	38
144006	144206	1/4	22	41
144008	144208	5/16	27	48
144010	144210	3/8	29	54
144012	144212	1/2	38	70
144016	144216	5/8	44	82
144020	144220	3/4	51	95
144022	144222	7/8	57	108
144024	144224	1	64	114

US Thimble Heavy Duty G-414

carbon steel

Number for E.G.	Number for H.D.G.	For wire Dia. (Inch)	Inner width (mm)	Inner length (mm)
144604	144804	5/32	18	32
144605	144805	3/16	20	38
144606	144806	1/4	22	41
144608	144808	5/16	27	48
144610	144810	3/8	29	54
144612	144812	1/2	38	70
144616	144816	5/8	44	82
144620	144820	3/4	51	95
144622	144822	7/8	57	108
144625	144825	1	64	114
144630	144830	1-1/8	73	130



Single Block S8252 with nylon sheave

s.s. AISI316

Number	Size (mm)	for rope Dia. (mm)	Length (mm)
149002	25	6	45



Single Block S8257 with nylon sheave

s.s. AISI316

Number	Size (mm)	for rope Dia. (mm)	Length (mm)
149007	25	6	60



Single Block S8258 with nylon sheave

s.s. AISI316

Number	Sheave Dia. (mm)	for rope Dia. (mm)	Length (mm)
149008	25	6	45



Swivel Single Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
149050	50	45	115
149075	75	70	175
149100	100	95	200



Single Wood Block with hook

hook: elec. galv.
wheel: nylon

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
501003	3"	6	500	0.45
501004	4"	9	1000	0.80
501005	5"	12	1200	1.50
501006	6"	14	1800	2.28
501008	8"	18	2800	4.10
501010	10"	22	4000	7.25



Double Wood Block with hook

hook: elec. galv.
wheel: nylon

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
502003	3"	6	500	0.82
502004	4"	9	1000	1.35
502005	5"	12	1200	2.30
502006	6"	14	1800	3.90
502008	8"	18	2800	7.50
502010	10"	22	4000	11.0



Single Block S8248 with nylon sheave

s.s. AISI316

Number	Size (mm)	for rope Dia. (mm)	Length (mm)
149018	25	6	45



Swivel Single Block with snatch

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
149150	50	45	155
149175	75	70	220



Single Wood Block with swivel

swivel: elec. galv.
wheel: nylon

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
501503	3"	6	500	0.45
501504	4"	9	1000	0.80
501505	5"	12	1200	1.48
501506	6"	14	1800	2.30
501508	8"	18	2800	4.26
501510	10"	22	4000	7.25



Double Wood Block with swivel

swivel: elec. galv.
wheel: nylon

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
502503	3"	6	500	0.82
502504	4"	9	1000	1.35
502505	5"	12	1200	2.30
502506	6"	14	1800	3.90
502508	8"	18	2800	7.50
502510	10"	22	4000	11.0



Yarding Block with eye

body: painted red
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (kgs)	Weight (kg)
504003	3"	4~6	500	1.1
504004	4"	6~9	1000	2.1
504005	5"	8~12	1500	3.6
504006	6"	10~14	2000	5.5
504008	8"	14~16	3000	11.0



Yarding Block with swivel

body: painted red
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (kgs)	Weight (kg)
504503	3"	4~6	500	1.10
504504	4"	6~9	1000	2.45
504505	5"	8~12	1500	4.20
504506	6"	10~14	2000	6.30
504508	8"	14~18	3000	11.0



Single Wood Block with hook US type

hook: elec. galv.
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
505003	3"	10	500	0.45
505004	4"	12	1000	0.80
505005	5"	16	1200	1.50
505006	6"	20	1800	2.28
505008	8"	25	2800	4.10
505010	10"	28	4000	7.25



Double Wood Block with hook US type

hook: elec. galv.
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
506003	3"	10	500	0.80
506004	4"	12	1000	1.36
506005	5"	16	1200	2.16
506006	6"	20	1800	3.86
506008	8"	25	2800	6.35
506010	10"	28	4000	10.9



Snatch Block with hook

hook: painted blue
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (ton)	Weight (kg)
508003	3"	10	2	2.26
508004	4-1/2"	12	4	5.76
508006	6"	16	6	12.0
508008	8"	16	6	15.0
508010	10"	20	8	19.0
508012	12"	20	8	22.0



Snatch Block with shackle

shackle: G-2130 painted blue
wheel: steel

Number	Size (in)	For rope Dia. (mm)	WLL (lbs)	Weight (kg)
508503	3"	10	2	1.80
508504	4-1/2"	12	4	6.26
508506	6"	16	6	12.5
508508	8"	16	6	16.3
508510	10"	20	8	18.5
508512	12"	20	8	22.5



Fixed Tackle with single pulley

body: zinc die cast, Elec.Galv.
wheel: nylon

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148015	5	15	10	50
148020	6	20	11	60
148025	7	25	12	70
148030	8	30	13	80
148040	9	40	14	93
148050	12	50	16	113



Swivel Single Pulley

body: nickel plated
wheel: brass plated

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148115	5	15	10	50
148120	6	20	11	60
148125	7	25	12	70
148130	8	30	13	80
148140	9	40	14	93
148150	12	50	16	113



Fixed Eye Single Pulley

body: nickel plated
wheel: brass plated

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148215	5	15	10	50
148220	6	20	11	60
148225	7	25	12	70
148230	8	30	13	80
148240	9	40	14	93
148250	12	50	16	113



Fixed Tackle with double pulley

body: zinc die cast, Elec.Galv.
wheel: nylon

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148515	5	15	10	50
148520	6	20	11	60
148525	7	25	12	70
148530	8	30	13	80
148540	9	40	14	93
148550	12	50	16	113



Swivel Double Pulley

body: nickel plated
wheel: brass plated

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148615	5	15	10	50
148620	6	20	11	60
148625	7	25	12	70
148630	8	30	13	80
148640	9	40	14	93
148650	12	50	16	113



Fixed Eye Double Pulley

body: nickel plated
wheel: brass plated

Number	For rope Dia. (mm)	Wheel Dia. (mm)	Eye Dia. (mm)	Length (mm)
148715	5	15	10	50
148720	6	20	11	60
148725	7	25	12	70
148730	8	30	13	80
148740	9	40	14	93
148750	12	50	16	113



Swivel Single Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147025	25	30	82
147032	32	36	95
147040	40	44	116
147050	50	54	124



Swivel Single Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147125	25	30	82
147132	32	36	95
147150	50	54	124



Swivel Single Block with eye

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147225	25	30	82
147232	32	36	95
147250	50	54	124



Rotating Swivel Single Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147425	25	30	82
147432	32	36	95
147450	50	54	124



Swivel Double Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147525	25	30	95
147532	32	36	106
147540	40	44	128
147550	50	54	144



Swivel Double Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147625	25	30	95
147632	32	36	106
147650	50	54	144



Swivel Double Block with eye

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147725	25	30	95
147732	32	36	106
147750	50	54	144



Rotating Swivel Double Block

s.s. AISI316

Number	Sheave Dia. (mm)	Width (mm)	Length (mm)
147925	25	30	95
147932	32	36	106
147950	50	54	144

Group 2

Rigging screws	17
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Rigging Screw Jaw - Jaw

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
151005	M5	80	130-190
151006	M6	95	150-220
151008	M8	105	180-255
151010	M10	125	220-300
151012	M12	150	270-385
151014	M14	165	300-425
151016	M16	195	330-480
151020	M20	210	360-540



Rigging Screw Toggle - Toggle

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
151306	M6	95	150-220
151308	M8	105	180-255
151310	M10	125	220-300
151312	M12	150	270-385
151316	M16	195	330-480
151320	M20	210	360-540



Rigging Screw Body

s.s. AISI316

Number	Size (mm)	Body Length (mm)
151505	M5	50
151506	M6	95
151508	M8	105
151510	M10	125
151512	M12	150
151514	M14	165
151516	M16	190
151520	M20	210



Rigging Screw Jaw - Swage Stud

s.s. AISI316

Number	Size (mm)	For wire Dia (mm)	Body length (mm)	L [Min-Max] (mm)
151105	M5	2.5	80	130-190
151106	M6	3	95	150-220
151108	M8	4	105	180-255
151110	M10	5	125	220-300
151112	M12	6	150	270-385
151114	M14	7	165	300-425
151116	M16	8	195	330-480
151120	M20	10	210	360-540



Rigging Screw Toggle - Swage Stud

s.s. AISI316

Number	Size (mm)	For wire Dia (mm)	Body length (mm)	L [Min-Max] (mm)
151406	M6	3	95	150-220
151408	M8	4	105	180-255
151410	M10	5	125	220-300
151412	M12	6	150	270-385
151416	M16	8	195	330-480
151420	M20	10	210	360-540



Rigging Screw Jaw - Jaw

steel, H.D.G.

Number	Size (inch)	Body length (mm)	L [Min-Max] (mm)	Breaking load (kg)
151906	1/4	100	145-220	800
151908	5/16	110	165-245	1300
151910	3/8	125	190-290	1500
151912	1/2	195	285-430	3700
151916	5/8	230	370-540	6500
151920	3/4	270	425-625	9500
151922	7/8	295	480-690	13000
151925	1	325	520-740	16000



Swage Stud Terminal

s.s. AISI316

Number	Size (mm)	For wire Dia (mm)	Thread length (mm)	Total length (mm)
154052	M5	2.5	38	70
154062	M6	2.5	40	72
154063	M6	3	40	80
154064	M6	4	44	95
154084	M8	4	52	102
154085	M8	5	52	120
154105	M10	5	63	130
154106	M10	6	63	136
154126	M12	6	68	142
154127	M12	7	68	148
154147	M14	7	79	160
154148	M14	8	79	165
154168	M16	8	89	175
154169	M16	10	89	190



Jaw Swage Terminal

s.s. AISI316

Number	For Wire Dia (mm)	Pin Dia. (mm)	Hole depth (mm)	Length (mm)
152002	2.5	5.2	24	55
152003	3	5.2	32	65
152004	4	6.2	40	77
152005	5	8.7	57	88
152006	6	9.7	63	106
152007	7	12.6	70	116
152008	8	14.6	85	145
152009	9	16.5	87	150
152010	10	16.5	89	150



Bolt for Rigging Screw

s.s. AISI316

Number	Size (mm)	Length (mm)
154605	5	16
154606	6	18
154608	8	20
154610	10	23
154612	12	28
154614	14	37



Pelican Hook

s.s. AISI316

Number	Thread (mm)	length (mm)
154806	M6	73
154808	M8	98
154810	M10	147



Swage Stud Terminal with nut

s.s. AISI316

Number	Size (mm)	For wire Dia (mm)	Thread length (mm)	Total length (mm)
154252	M5	2.5	38	70
154262	M6	2.5	40	72
154263	M6	3	40	80
154264	M6	4	44	95
154284	M8	4	52	102
154285	M8	5	52	120
154305	M10	5	63	130
154306	M10	6	63	136
154326	M12	6	68	142
154327	M12	7	68	148
154347	M14	7	79	160
154348	M14	8	79	165
154368	M16	8	89	175
154369	M16	10	89	190



Eye Swage Terminal

s.s. AISI316

Number	For Wire Dia (mm)	Eye Dia. (mm)	Hole depth (mm)	Length (mm)
153002	2.5	6.0	30	44.5
153003	3	6.5	36	57.5
153004	4	8.0	39	65
153005	5	10.0	50	80
153006	6	12.5	62	94
153007	7	12.7	68	105
153008	8	14.5	85	124
153010	10	16.4	90	142



Split Ring for Rigging Screw

s.s. AISI316

Number	Material Dia. (mm)	Diameter (mm)
154701	1.0	11
154702	1.25	15
154703	1.5	19
154704	2.0	23



Pelican Hook

s.s. AISI316

Number	Length (mm)	Weight (g)
154823	75	86
154824	100	100
154826	150	112



Turnbuckle DIN1480 Eye - Eye

s.s. AISI316

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155005	M5	70	130-190
155006	M6	110	170-250
155008	M8	110	180-260
155010	M10	125	210-300
155012	M12	125	240-320
155016	M16	170	320-430
155020	M20	200	360-500



JIS Turnbuckle Eye - Eye

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
156005	M5	70	120-190
156006	M6	90	160-250
156008	M8	120	200-280
156010	M10	150	240-320
156012	M12	200	300-390
156016	M16	250	390-490
156020	M20	300	440-550



Turnbuckle DIN1480 Hook - Eye

s.s. AISI316

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155105	M5	70	130-190
155106	M6	110	170-250
155108	M8	110	180-260
155110	M10	125	210-300
155112	M12	125	240-320
155116	M16	170	320-430
155120	M20	200	360-500

JIS Turnbuckle Hook - Eye

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
156105	M5	70	120-190
156106	M6	90	160-250
156108	M8	120	200-280
156110	M10	150	240-320
156112	M12	200	300-390
156116	M16	250	390-490
156120	M20	300	440-550

Turnbuckle DIN1480 Hook - Hook

s.s. AISI316

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155205	M5	70	130-190
155206	M6	110	170-250
155208	M8	110	180-260
155210	M10	125	210-300
155212	M12	125	240-320
155216	M16	170	320-430
155220	M20	200	360-500

JIS Turnbuckle Hook - Hook

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
156205	M5	70	120-190
156206	M6	90	160-250
156208	M8	120	200-280
156210	M10	150	240-320
156212	M12	200	300-390
156216	M16	250	390-490
156220	M20	300	440-550



JIS Turnbuckle Jaw - Jaw

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
156305	M5	70	120-190
156306	M6	90	160-250
156308	M8	120	200-280
156310	M10	150	240-320
156312	M12	200	300-390
156316	M16	250	390-490
156320	M20	300	440-550

JIS Turnbuckle Toggle - Toggle

s.s. AISI316

Number	Size (mm)	Body length (mm)	L [Min-Max] (mm)
156605	M5	70	120-190
156606	M6	90	160-250
156608	M8	120	200-280
156610	M10	150	240-320
156612	M12	200	300-390
156616	M16	250	390-490
156620	M20	300	440-550



Turnbuckle DIN1480 Eye - Eye

carbon steel E.G.

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155505	M5	70	130-190
155506	M6	110	170-250
155508	M8	110	180-260
155510	M10	125	210-300
155512	M12	125	240-320
155516	M16	170	320-430
155520	M20	200	360-500

Turnbuckle DIN1480 Hook - Eye

carbon steel E.G.

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155605	M5	70	130-190
155606	M6	110	170-250
155608	M8	110	180-260
155610	M10	125	210-300
155612	M12	125	240-320
155616	M16	170	320-430
155620	M20	200	360-500

Turnbuckle DIN1480 Hook - Hook

carbon steel E.G.

Number	Size (mm)	Body Length (mm)	L [Min-Max] (mm)
155705	M5	70	130-190
155706	M6	110	170-250
155708	M8	110	180-260
155710	M10	125	210-300
155712	M12	125	240-320
155716	M16	170	320-430
155720	M20	200	360-500



EURO Turnbuckle Hook - Eye

zinc die cast

Number	Size (mm)	Min.Length (mm)	Max.Length (mm)
156911	5x50	90	120
156912	5x70	110	140
156913	6x60	100	140
156914	6x100	150	220
156915	8x70	130	170
156916	8x110	170	250
156917	10x80	150	200
156918	10x120	200	280
156919	12x130	220	310



US Turnbuckle Hook - Eye

steel, H.D.G.

Number	Thread Size (inch)	Body Length (inch)
157001	1/4	4
157002	5/16	4-1/2
157003	3/8	6
157004	1/2	6
157005	1/2	9
157006	1/2	12
157007	5/8	6
157008	5/8	9
157009	5/8	12
157010	5/8	18
157011	3/4	6
157012	3/4	9
157013	3/4	12
157014	3/4	18
157015	3/4	24
157016	7/8	12
157017	7/8	18
157018	1	6
157019	1	12
157020	1	18
157021	1	24
157022	1-1/4	12
157023	1-1/4	18
157024	1-1/4	24
157025	1-1/2	12
157026	1-1/2	18
157027	1-1/2	24
157028	1-3/4	18
157029	1-3/4	24
157030	2	24
157031	2-1/2	24
157032	2-3/4	24

Available for 2jaws, 2eyes, 2hooks, jaw and eye or hook and eye,





Sleeve DIN3093

Aluminum

Number	Size (mm)	Number	Size (mm)
511015	1.5	511065	6.5
511020	2.0	511070	7
511025	2.5	511080	8
511030	3.0	511090	9
511035	3.5	511110	10
511040	4.0	511111	11
511045	4.5	511112	12
511050	5.0	511113	13
511055	5.5	511114	14
511060	6.0	511116	16



Sleeve US type

Aluminum

Number	Size (in)	Number	Size (in)
512015	1/16	512080	5/16
512020	5/64	512110	3/8
512025	3/32	512111	7/16
512030	1/8	512113	1/2
512040	5/32	512116	5/8
512050	3/16	512119	3/4
512060	1/4	512122	7/8
512070	9/32	512125	1



Crimping Tool multi-groove

blade: forged alloy steel

Number	Length (inch)	Wire Dia. (mm)
518001	12	3~5
518002	20	2~5



European Bolt Cutter

blade: drop forged with alloy steel
body: heat treatment
cutting ability: <=HRC40

Number	Length (inch)	Bolt Dia. (mm)
518101	12	4~5
518102	14	5~7
518103	18	6~8
518104	24	8~10
518105	30	10~13
518106	36	12~16
518107	42	14~19



Sleeve DIN3093

copper

Number	Size (mm)	Number	Size (mm)
511515	1.5	511680	8
511520	2.0	511690	9
511525	2.5	511610	10
511530	3.0	511611	11
511540	4.0	511612	12
511550	5.0	511613	13
511560	6.0	511614	14
511570	7.0	511616	16



Sleeve US type

copper

Number	Size (in)	Number	Size (in)
512515	1/16	512540	5/32
512520	5/64	512550	3/16
512525	3/32	512560	1/4
512530	1/8	512580	5/16



Wire Rope Cutter

blade: drop forged with alloy steel
handle: cast iron

Number	Length (inch)	Max. wire Dia. (mm)
518011	18	10
518012	24	14
518013	36	18



Japanese Bolt Cutter

blade: drop forged with carbon tool steel
body: heat treatment
cutting ability: <=HRC30

Number	Length (inch)	Bolt Dia. (mm)
518111	12	4~5
518112	14	5~7
518113	18	6~8
518114	24	8~10
518115	30	10~13
518116	36	12~16
518117	42	14~19

Group 3

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Snap Hook

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
161004	4	40	20	80
161005	5	50	25	100
161006	6	60	30	140
161007	7	70	35	200
161008	8	80	40	250
161009	9	90	45	280
161010	10	100	50	400
161011	11	120	57	500
161012	12	140	67	600
161013	13	160	74	700

Snap Hook

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
161604	4	40	20	80
161605	5	50	25	100
161606	6	60	30	140
161607	7	70	35	200
161608	8	80	40	250
161609	9	90	45	280
161610	10	100	50	400
161611	11	120	57	500
161612	12	140	67	600
161613	13	160	74	700



Snap Hook w/safety screw

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
163004	4	40	20	80
163005	5	50	25	100
163006	6	60	30	140
163007	7	70	35	200
163008	8	80	40	250
163009	9	90	45	280
163010	10	100	50	400
163011	11	120	57	500
163012	12	140	67	600
163013	13	160	74	700

Snap Hook w/safety screw

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
163604	4	40	20	80
163605	5	50	25	100
163606	6	60	30	140
163607	7	70	35	200
163608	8	80	40	250
163609	9	90	45	280
163610	10	100	50	400
163611	11	120	57	500
163612	12	140	67	600
163613	13	160	74	700



Snap Hook w/eye

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
162004	4	40	20	80
162005	5	50	25	100
162006	6	60	30	140
162007	7	70	35	200
162008	8	80	40	250
162009	9	90	45	280
162010	10	100	50	400
162011	11	120	57	500
162012	12	140	67	600
162013	13	160	74	700

Snap Hook w/eye

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
162604	4	40	20	80
162605	5	50	25	100
162606	6	60	30	140
162607	7	70	35	200
162608	8	80	40	250
162609	9	90	45	280
162610	10	100	50	400
162611	11	120	57	500
162612	12	140	67	600
162613	13	160	74	700



Snap Hook w/eye & screw

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
164004	4	40	20	80
164005	5	50	25	100
164006	6	60	30	140
164007	7	70	35	200
164008	8	80	40	250
164009	9	90	45	280
164010	10	100	50	400
164011	11	120	57	500
164012	12	140	67	600
164013	13	160	74	700

Snap Hook w/eye & screw

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
164604	4	40	20	80
164605	5	50	25	100
164606	6	60	30	140
164607	7	70	35	200
164608	8	80	40	250
164609	9	90	45	280
164610	10	100	50	400
164611	11	120	57	500
164612	12	140	67	600
164613	13	160	74	700



Asymetric Snap Hook w/eye

s.s. AISI316

Number	Size (mm)	Length (mm)	Eye Dia. (mm)	Safe Working Load (lbs)
165006	6	60	5	140
165008	8	80	10	250
165010	10	100	13	400
165011	11	120	13	500



Asymetric Simple Spring Hook

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Safe Working Load (lbs)
166006	6	60	35	140
166008	8	80	46	250
166010	10	100	58	400
166012	12	120	70	600



Egg shape Snap Hook

s.s. AISI316

Number	Size (mm)	Safe Working Load (lbs)
167005	50	100
167007	70	200
167010	100	400



Swivel Bolt Snap

s.s. AISI316

Number	Eye Dia. (mm)	Length (mm)
169210	10	65
169213	13	70
169216	16	80
169219	19	90
169228	28	100



Aluminium Snap Hook

Number	Size (mm)	Length (mm)	Weight (g)
168005	5	50	5
168006	6	60	9
168007	7	70	16
168008	8	80	25
168010	10	100	50



Aluminium Snap Hook

Number	Size (mm)	Length (mm)	Weight (g)
168205	5	50	5
168206	6	60	9
168207	7	70	16
168208	8	80	25
168210	10	100	50



Aluminium Snap Hook

Number	Size (mm)	Length (mm)	Weight (g)
168405	5	50	5
168406	6	60	9
168407	7	70	16
168408	8	80	25
168410	10	100	50



Aluminium Snap Hook

Number	Size (mm)	Length (mm)	Weight (g)
168605	5	50	5
168606	6	60	9
168607	7	70	16
168608	8	80	25
168610	10	100	50

Color: red, black, blue, green, yellow, purple & silver



Swivel Eye Snap

s.s. AISI316

Number	Eye Dia. (mm)	Length (mm)
169001	18	85
169002	20	100
169003	20	114

Swivel Eye Snap

zinc die cast, nickel plated

Number	Eye Dia. (mm)	Length (mm)
169401	12	80
169402	16	81
169403	19	86
169404	22	87
169405	25	90



Linch Pin

carbon steel, yellow. Galv.

Number	Pin size (mm)	Ring size (mm)
178204	4.5x30	2x22
178205	5x40	2.5x24
178206	6x45	3x25
178207	7x45	3x38
178208	8x45	3.5x34
178210	10x46	3.5x34
178211	11x46	3.5x34
178212	12x46	3.5x34



Swivel Bolt Snap

zinc die cast, nickel plated

Number	Eye Dia. (mm)	Length (mm)
169601	10	50
169602	12	53
169603	12	60
169604	12	67
169605	12	76
169606	13.5	56
169607	15	76
169608	19	83
169609	26	86
169610	28	107



Rigid Eye Snap

s.s. AISI316

Number	Eye Dia. (mm)	Length (mm)
169100	10	53
169101	16	70
169102	18	81
169103	18	97

Rigid Eye Snap

zinc die cast, nickel plated

Number	Eye Dia. (mm)	Length (mm)
169501	10	50
169502	12	60
169503	15	70
169504	18	85
169505	20	100



Double Eye Snap

s.s. AISI316

Number	Eye Dia. (mm)	Length (mm)
169308	8.5	88
169310	10	100
169312	12	118

Double Eye Snap

zinc die cast, nickel plated

Number	Eye Dia. (mm)	Length (mm)
170408	8.5	88
170410	10	100
170412	12	118



Swivel Snap 4293

carbon steel, nickel plate

Number	Size (mm)	Length (mm)
168702	25	25
168703	30	30
168704	40	40
168705	50	50
168706	60	60
168707	70	70
168708	80	80
168709	90	90
168710	100	100
168712	120	120



Quick Link

s.s. AISI316

Number	Size (mm)	Length (mm)	width (mm)	Opening (mm)
171003	3.5	36.5	17	5
171004	4	40	19.5	5.5
171005	5	49	23	6.5
171006	6	58	26.5	7.5
171007	7	65	30.5	8.5
171008	8	75	33.5	10.5
171009	9	82	35	11.5
171010	10	90	40.5	12.5
171012	12	107	47.5	14.5

Quick Link

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	width (mm)	Opening (mm)
171603	3.5	36.5	17	5
171604	4	40	19.5	5.5
171605	5	49	23	6.5
171606	6	58	26.5	7.5
171607	7	65	30.5	8.5
171608	8	75	33.5	10.5
171609	9	82	35	11.5
171610	10	90	40.5	12.5
171612	12	107	47.5	14.5



Long Quick Link

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Opening (mm)
172003	3.5	46	17	10
172005	5	62	23	14
172006	6	70	26.5	16
172008	8	89	33.5	18
172010	10	108	40.5	20
172012	12	126	47.5	23

Long Quick Link

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Opening (mm)
172603	3.5	46	17	10
172605	5	62	23	14
172606	6	70	26.5	16
172608	8	89	33.5	18
172610	10	104	40.5	20
172612	12	122	47.5	23
172614	14	142	55	26



Repair Link 1part

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Inner width (mm)
173503	3	16.5	6.5
173504	4	20	8
173505	5	23	9.5
173506	6	29	10.5
173507	7	32	13.5
173508	8	37	15
173509	9	37.5	16.5

Repair Link 1part

Elec Galv.

Number	Size (mm)	Inner length (mm)	Inner width (mm)
173603	3	16.5	6.5
173604	4	20	8
173605	5	23	9.5
173606	6	29	10.5
173607	7	32	13.5
173608	8	37	15
173610	10	37.5	16.5
173612	12	39	18



Triangle Quick Link

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)	Opening (mm)
179003	3.5	37	31	5
179005	5	47	40	6
179006	6	56	47	7.5
179008	8	73	56	10
179010	10	87	66	12
179012	12	104	75	15

Triangle Quick Link

steel, Elec. Galv.

Number	Size (mm)	Length (mm)	Width (mm)	Opening (mm)
179603	3.5	37	31	5
179605	5	47	40	6
179606	6	56	47	7.5
179608	8	73	56	10
179610	10	87	66	12
179612	12	104	75	15



Chain Quick Link 2parts

s.s. AISI316

Number	Size (mm)	Width (mm)	Length (mm)
173005	5	19.5	30
173006	6	25	35
173008	8	29	42
173010	10	35	53
173011	11	41	59
173013	13	43	68
173016	16	57	82
173019	19	67	92
173022	22	75	107
173025	25	86	119



C Ring

s.s. AISI316

Number	Size (mm)	Length (mm)	Width (mm)
174005	5	30	18
174006	6	36	24
174008	8	48	30
174010	10	60	37
174012	12	66	41
174013	13	78	48
174016	16	96	59
174019	19	114	70
174022	22	132	78
174025	25	150	87
174028	28	168	100



Triangle Ring

s.s. AISI316

Number	Size (mm)	Diameter (mm)	Inner length (mm)
176551	5x30	5	30
176553	5x40	5	40
176554	5x45	5	45
176562	6x40	6	40
176563	6x45	6	45
176564	6x50	6	50
176581	8x45	8	45
176582	8x50	8	50



Round Ring

s.s. AISI316

Number	Size (mm)	Number	Size (mm)
175031	3x15	175081	8x40
175032	3x20	175082	8x45
175033	3x25	175083	8x50
175034	3x30	175084	8x55
175041	4x20	175085	8x60
175042	4x25	175086	8x65
175043	4x30	175087	8x70
175044	4x35	175088	8x75
175045	4x40	175089	8x80
175051	5x20	175091	9x50
175052	5x25	175092	9x55
175053	5x30	175093	9x60
175054	5x35	175094	9x70
175055	5x40	175101	10x50
175056	5x45	175102	10x55
175057	5x50	175103	10x60
175061	6x30	175104	10x70
175062	6x35	175105	10x80
175063	6x40	175106	10x90
175064	6x45	175107	10x100
175065	6x50	175121	12x60
175066	6x55	175123	12x80
175067	6x60	175125	12x100



Dee Ring

s.s. AISI316

Number	Size (mm)	Number	Size (mm)
176031	3x15	176081	8x40
176032	3x20	176082	8x45
176033	3x25	176083	8x50
176034	3x30	176084	8x55
176041	4x20	176085	8x60
176042	4x25	176086	8x65
176043	4x30	176087	8x70
176044	4x35	176088	8x75
176045	4x40	176089	8x80
176051	5x20	176091	9x50
176052	5x25	176092	9x55
176053	5x30	176093	9x60
176054	5x35	176094	9x70
176055	5x40	176101	10x50
176056	5x45	176102	10x55
176057	5x50	176103	10x60
176061	6x30	176104	10x70
176062	6x35	176105	10x80
176063	6x40	176106	10x90
176064	6x45	176107	10x100
176065	6x50		
176066	6x55		
176067	6x60		



S Hook
s.s. AISI316

Number	Size (mm)	Length (mm)
177003	3	25
177004	4	35
177005	5	45
177006	6	55
177007	7	65
177008	8	75
177010	10	105
177012	12	120

S Hook
steel, Elec. Galv.

Number	Size (mm)	Length (mm)
177603	3	25
177604	4	35
177605	5	45
177606	6	55
177607	7	65
177608	8	75
177610	10	105
177612	12	120



Eye Bolt forged w/nut & washer
s.s. AISI316

Number	Size (mm)	Eye (mm)	Thread length (mm)
183264	M6x40	5x16	34
183266	M6x60	5x16	54
183268	M6x80	5x16	70
183288	M8x80	6x19	70
183290	M8x100	6x19	90
183300	M10x100	7x25	88
183312	M10x120	7x25	105
183320	M12x100	8x29	90
183322	M12x120	8x29	105



Hair Pin Single
s.s. AISI316

Number	Size (mm)	Length (mm)	Eye Dia. (mm)
178002	2	50	10
178003	3	60	18
178004	4	60	20
178005	5	85	24
178006	6	105	30
178007	7	105	30
178008	8	110	28

Hair Pin Single
steel Elec. Galv.

Number	Size (mm)	Length (mm)	Eye Dia. (mm)
178102	2	50	10
178103	3	60	18
178104	4	60	20
178105	5	85	24
178106	6	105	30
178107	7	105	30
178108	8	110	28



Hair Pin Double
s.s. AISI316

Number	Size (mm)	Length (mm)	Eye Dia. (mm)
178502	2	50	10
178503	3	62	16
178504	4	78	23
178505	5	92	26
178506	6	120	30
178507	7	130	30
178508	8	130	30

Hair Pin Double
steel Elec. Galv.

Number	Size (mm)	Length (mm)	Eye Dia. (mm)
178602	2	50	10
178603	3	62	16
178604	4	78	23
178605	5	92	26
178606	6	120	30
178607	7	130	30
178608	8	130	30



Eye Bolt DIN580

s.s. AISI316

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
181006	M6	20	48
181008	M8	20	48
181010	M10	25	62
181012	M12	30	75
181016	M16	35	90
181020	M20	40	101
181024	M24	50	126
181030	M30	60	154



Eye Bolt DIN580 C15

steel Elec. Galv.

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
181606	M6	20	48
181608	M8	20	48
181610	M10	25	62
181612	M12	30	75
181614	M14	35	90
181616	M16	35	90
181618	M18	40	101
181620	M20	40	101
181622	M22	45	116
181624	M24	50	126
181627	M27	53	136
181630	M30	60	154
181636	M36	70	182
181642	M42	80	210
181648	M48	90	236



Eye Bolt DIN580 C15E

steel, Elec. Galv.

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
181808	M8	20	48
181810	M10	25	62
181812	M12	30	75
181816	M16	35	90
181820	M20	40	100
181824	M24	50	126
181830	M30	60	154
181836	M36	70	180



Eye Nut DIN582

s.s. AISI316

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
182006	M6	20	36
182008	M8	20	36
182010	M10	25	45
182012	M12	30	53
182016	M16	35	62
182020	M20	40	71
182024	M24	50	90
182030	M30	60	109



Eye Nut DIN582 C15

steel Elec. Galv.

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
182606	M6	20	36
182608	M8	20	36
182610	M10	25	45
182612	M12	30	53
182614	M14	35	62
182616	M16	35	62
182618	M18	40	71
182620	M20	40	71
182622	M22	45	80.5
182624	M24	50	90
182627	M27	53	97
182630	M30	60	109
182636	M36	70	128
182642	M42	80	147
182648	M48	90	168



Eye Nut DIN582 C15E

steel, Elec. Galv.

Number	Size (mm)	Eye Dia. (mm)	Height (mm)
182808	M8	20	36
182810	M10	25	45
182812	M12	30	53
182816	M16	35	62
182820	M20	40	71
182824	M24	50	90
182830	M30	60	109
182836	M36	70	128



Eye Bolt w/nut & washer

s.s. AISI316

Number	Size (mm)	Eye (mm)	Thread length (mm)
184066	M6x60	12	30
184068	M6x80	12	50
184086	M8x60	15	22
184088	M8x80	15	42
184090	M8x100	15	62
184100	M10x100	18	55
184102	M10x120	18	75
184122	M12x120	20	75



Eye Bolt w/nut & washer

steel H.D.G.

Number	Size (mm)	Eye (mm)	Thread length (mm)
184806	M6x50	5x11	30
184808	M8x60	6x12	40
184810	M10x75	8x13	50
184812	M12x100	10x13	60
184816	M16x125	12x30	75



Eye Bolt w/woodscrew

s.s. AISI316

Number	Size (mm)	Eye (mm)	Thread length (mm)
186006	M6x60	5x11	30
186008	M8x60	6x12	40
186010	M10x80	8x13	50
186012	M12x100	10x16	65



Eye Bolt w/woodscrew

steel, H.D.G.

Number	Size (mm)	Eye (mm)	Thread length (mm)
186806	M6x50	5x11	30
186808	M8x60	6x12	40
186810	M10x75	8x13	50
186811	M11x100	10x16	60
186812	M12x100	10x16	65
186816	M16x125	12x30	75



Ring Bolt w/nut & washer

s.s. AISI316

Number	Size (mm)	Ring (mm)	Thread length (mm)
185006	M6x75	6x35	35
185008	M8x75	8x45	45
185010	M10x100	9x50	75
185012	M12x120	12x60	80



Ring Bolt w/nut & washer

steel, H.D.G.

Number	Size (mm)	Ring (mm)	Thread length (mm)
185806	M6x50	6x40	30
185808	M8x60	8x45	40
185810	M10x75	8x50	50
185812	M12x100	10x55	60
185816	M16x120	12x70	75



Ring Bolt w/woodscrew

s.s. AISI316

Number	Size (mm)	Ring (mm)	Thread length (mm)
187006	M6x60	6x40	30
187008	M8x60	8x45	40
187010	M10x80	8x50	50
187012	M12x100	10x55	65



Ring Bolt w/woodscrew

steel, H.D.G.

Number	Size (mm)	Ring (mm)	Thread length (mm)
187806	M6x50	6x40	30
187808	M8x60	8x45	40
187810	M10x75	8x50	50
187811	M11x100	10x55	60
187812	M12x100	10x55	65
187816	M16x125	12x70	75



Swing Hook with woodscrew & 3-hook

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Thread length (mm)	3-hook (mm)
187901	8x104	50	7.3x76



Hammock Hook with woodscrew & J-hook

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Thread length (mm)	J-hook (mm)
187911	8.5x100	45	8.5x90
187912	9.5x105	50	9.5x100



Swing Hook with woodscrew

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Thread length (mm)
187921	10.6x150	60



Swing Hook with woodscrew & 8-hook

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Thread length (mm)	8 hook (mm)
187931	10.6x150	60	8x67



Swing Hook with 8-hook

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Thread length (mm)	8-hook (mm)
187932	10.6x150	80	8x67



Fix Rapid Snap

zinc die cast, nickel plated

Number	Eye Dia. (in)	Length (in)
170812	1/2	4



Swivel Loop Rapid Snap

zinc die cast, nickel plated

Number	Eye Dia. (in)	Length (in)
170819	3/4	4
170825	1	5



Collar Hook with snap hook

carbon steel, Elec. Galv.

Number	Eye hook (mm)	Snap hook (mm)
187951	M10x25	10x100
187952	M10x50	10x100
187953	M10x100	10x100
187954	M10x120	10x100
187955	M10x140	10x100



U Bolt

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Inner Width (mm)
188046	188246	M4x64	30
188056	188256	M5x60	30
188066	188266	M6x60	30
188067	188267	M6x70	30
188069	188269	M6x90	30
188086	188286	M8x64	30
188088	188288	M8x80	35
188090	188290	M8x100	35
188100	188300	M10x90	50
188103	188303	M10x130	50
188125	188325	M12x150	60



U Bolt w/nut & 2 plates

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Inner Width (mm)
189056	189256	M5x67	25
189066	189266	M6x69	27
189068	189268	M6x84	27
189087	189287	M8x71	25
189088	189288	M8x86	25
189101	189301	M10x110	30



U Bolt w/nut & 2 plates

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Inner Width (mm)
190046	190246	M4x62	30
190057	190257	M5x78	35
190069	190269	M6x90	35
190088	190288	M8x80	35
190090	190290	M8x100	45
190091	190291	M8x115	47
190101	190301	M10x90	50
190102	190302	M10x115	50
190121	190321	M12x150	60



Square Plate

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Height (mm)	Base (mm)
191005	191105	5	19	30x35
191006	191106	6	26	35x40
191008	191108	8	33	40x50



Square Plate with Ring

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Ring (mm)	Base (mm)
191505	191605	5	5x30	30x35
191506	191606	6	6x40	35x40
191508	191608	8	8x50	40x50



Oval Plate

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Height (mm)	Base (mm)
192005	192105	5	20	15x45
192006	192106	6	25	20x60
192008	192108	8	32	26x80
192009	192109	9	38	32x100



Oval Plate with Ring

s.s. AISI316

Number for 316	Number for 304	Size (mm)	Ring (mm)	Base (mm)
192505	192605	5	5x30	15x45
192506	192606	6	6x40	20x60
192508	192608	8	8x50	26x80
192509	192609	9	9x60	32x100



Round Plate

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Height (mm)	Base Dia. (mm)
193005	193105	5	20	33
193006	193106	6	26	40
193008	193108	8	32	50



Round Plate with Ring

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Ring (mm)	Base Dia. (mm)
193505	193605	5	5x30	33
193506	193606	6	6x40	40
193508	193608	8	8x50	50



Diamond Plate

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Height (mm)	Base (mm)
194005	194105	5	22	37x59
194006	194106	6	26	50x64
194008	194108	8	33	60x80



Diamond Plate with Ring

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Ring (mm)	Base (mm)
194505	194605	5	5x30	37x59
194506	194606	6	6x40	50x64
194508	194608	8	8x50	60x80



Pad Eye

stainless steel 316 & 304

Number for 316	Number for 316	Size (mm)	Length (mm)	Height (mm)
195004	195104	4	40	16
195005	195105	5	50	16
195006	195106	6	57	22
195008	195108	8	63	25



Pad Eye Stamped

stainless steel 316 & 304

Number for 316	Number for 316	Thickness (mm)	Length (mm)	Width (mm)
195501	195601	1.5	38	13
195502	195602	2.0	46	16
195503	195603	2.5	50	20



Round Plate with thread

stainless steel 316 & 304

Number for 316	Number for 304	Size (mm)	Thread (mm)	Base Dia. (mm)
196005	196105	5	M6x20	33
196006	196106	6	M8x23	40
196008	196108	8	M10x25	50

Group 4

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DIN766 Calibrated Short Link Chain

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Length per 11links (mm)
202003	3	16	4.2	176
202004	4	16	5	176
202005	5	18.5	6	203.5
202006	6	18.5	7.2	203.5
202007	7	22	8.4	242
202008	8	24	9.6	264
202010	10	28	12	308
202012	12	36	14.4	396
202013	13	36	15.6	396
202016	16	45	19.2	495



DIN766 Calibrated Short Link Chain

steel, H.D.G.

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Length per 11links (mm)
202803	3	16	4.2	176
202804	4	16	5	176
202805	5	18.5	6	203.5
202806	6	18.5	7.2	203.5
202807	7	22	8.4	242
202808	8	24	9.6	264
202810	10	28	12	308
202812	12	36	14.4	396
202813	13	36	15.6	396
202816	16	45	19.2	495



DIN766 Short Link Chain

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Safe Working Load (kgs)
201002	2	12	4	40
201003	3	16	4.2	80
201004	4	16	5	150
201005	5	18.5	6	250
201006	6	18.5	7.2	350
201008	8	24	9.6	630
201010	10	28	12	850
201012	12	36	14.4	1120
201013	13	36	15.6	1600
201016	16	45	19.2	2500



DIN763 Long Link Chain

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Outer width (mm)	Safe Working Load (kgs)
203002	2	22	8	30
203003	3	26	12	55
203004	4	32	16	100
203005	5	35	20	160
203006	6	42	24	225
203008	8	52	32	400
203010	10	65	40	630
203012	12	78	48	940
203013	13	82	52	1000
203016	16	100	64	1600



DIN766 Short Link Chain

steel, H.D.G.

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Safe Working Load (kgs)
201803	3	16	4.2	80
201804	4	16	5	150
201805	5	18.5	6	250
201806	6	18.5	7.2	350
201808	8	24	9.6	630
201810	10	28	12	850
201812	12	36	14.4	1120
201813	13	36	15.6	1600
201816	16	45	19.2	2500
201818	18	50	21.6	3150
201820	20	56	24.0	4000

available for electric galvanized chain



DIN763 Long Link Chain

steel, H.D.G.

Number	Size (mm)	Inner length (mm)	Outer width (mm)	Safe Working Load (kgs)
203803	3	26	12	55
203804	4	32	16	100
203805	5	35	20	160
203806	6	42	24	225
203808	8	52	32	400
203810	10	65	40	630
203812	12	78	48	940
203813	13	82	52	1000
203816	16	100	64	1600
203818	18	113	70	2120
203820	20	120	75	2500

available for electric galvanized chain



DIN5685A Short Link Chain

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Safe Working Load (kgs)
204002	2	12	4	40
204003	3	16	4.2	80
204004	4	16	5	150
204005	5	18.5	6	250
204006	6	18.5	7.2	350
204008	8	24	9.6	630
204010	10	28	12	850
204012	12	36	14.4	1120
204013	13	36	15.6	1600
204016	16	45	19.2	2500

DIN5685A Short Link Chain

steel, H.D.G.

Number	Size (mm)	Inner length (mm)	Inner width (mm)	Safe Working Load (kgs)
204803	3	16	4.2	80
204804	4	16	5	150
204805	5	18.5	6	250
204806	6	18.5	7.2	350
204808	8	24	9.6	630
204810	10	28	12	850
204812	12	36	14.4	1120
204813	13	36	15.6	1600
204816	16	45	19.2	2500

available for electric galvanized chain



DIN5685C Long Link Chain

s.s. AISI316

Number	Size (mm)	Inner length (mm)	Outer width (mm)	Safe Working Load (kgs)
205002	2	22	8	30
205003	3	26	12	55
205004	4	32	16	100
205005	5	35	20	160
205006	6	42	24	225
205008	8	52	32	400
205010	10	65	40	630
205012	12	78	48	940
205013	13	82	52	1000
205016	16	100	64	1600

DIN5685C Long Link Chain

steel, H.D.G.

Number	Size (mm)	Inner length (mm)	Outer width (mm)	Safe Working Load (kgs)
205803	3	26	12	55
205804	4	32	16	100
205805	5	35	20	160
205806	6	42	24	225
205808	8	52	32	400
205810	10	65	40	630
205812	12	78	48	940
205813	13	82	52	1000
205816	16	100	64	1600

available for electric galvanized chain



DIN5686 Knotted Chain

steel, Elec. Galv.

Number	Size (mm)	Inner length (mm)	Outer width (mm)	Breaking Load (kgs)
206614	1.4	20	6.5	16
206616	1.6	23	7.0	22
206618	1.8	26.5	8.0	30
206620	2.0	28	9.0	40
206622	2.2	31	10.0	50
206625	2.5	35	11.0	70
206628	2.8	39	12.5	90
206631	3.1	41	14.0	120
206634	3.4	44	15.5	140
206638	3.8	46	17.0	160
206642	4.2	52	19.0	170
206646	4.6	58	20.5	180
206650	5.0	60	22.5	190



Proof Coil Chain Gr30 ASTM80 or NACM90

steel, Elec. Galv.

Number for ASTM80	Number for NACM90	Size (in)	Safe Working Load (lbs)
211604	221604	1/8	375
211605	221605	3/16	800
211606	221606	1/4	1300
211608	221608	5/16	1900
211610	221610	3/8	2650
211613	221613	1/2	4500
211616	221616	5/8	6900



High Test Chain Gr43 ASTM80 or NACM90

steel, Elec. Galv.

Number for ASTM80	Number for NACM90	Size (in)	Safe Working Load (lbs)
212606	222606	1/4	2600
212608	222608	5/16	3900
212610	222610	3/8	5400
212613	222613	1/2	9200



Transport Chain Gr70 ASTM80 or NACM90

steel, Yellow chromed

Number for ASTM80	Number for NACM90	Size (in)	Safe Working Load (lbs)
213606	223606	1/4	3150
213608	223608	5/16	4700
213610	223610	3/8	6600



Clevis Grab Hook H-330

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number	Size for chain (in)	Safe Working Load (lbs)
241106	1/4	2600
241108	5/16	3900
241110	3/8	5400
241111	7/16	7200
241112	1/2	9200
241116	5/8	12750
241120	3/4	18500

Clevis Grab Hook A-330

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number	Size for chain (in)	Safe Working Load (lbs)
241206	1/4	3600
241208	5/16	5400
241210	3/8	7500
241211	7/16	10000
241212	1/2	12750
241216	5/8	19000
241220	3/4	27000



Clevis Slip Hook H-331 with or without latch

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Size for chain (in)	Safe Working Load (lbs)
242106	242506	1/4	1950
242108	242508	5/16	2875
242110	242510	3/8	4000
242111	242511	7/16	5000
242112	242512	1/2	6500
242116	242516	5/8	9250
242120	242520	3/4	12500

Clevis Slip Hook A-331 with or without latch

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Size for chain (in)	Safe Working Load (lbs)
242206	242606	1/4	2750
242208	242608	5/16	4300
242210	242610	3/8	5250
242211	242611	7/16	7000
242212	242612	1/2	9000
242216	242616	5/8	13500
242220	242620	3/4	19250



Eye Grab Hook H-323

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number	Size for chain (in)	Safe Working Load (lbs)
243106	1/4	2600
243108	5/16	3900
243110	3/8	5400
243111	7/16	7200
243112	1/2	9200
243116	5/8	12750
243120	3/4	18500

Eye Grab Hook A-323

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number	Size for chain (in)	Safe Working Load (lbs)
243206	1/4	3600
243208	5/16	5400
243210	3/8	7500
243211	7/16	10000
243212	1/2	12750
243216	5/8	19000
243220	3/4	27000



Eye Slip Hook H-324 with or without latch

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Size for chain (in)	Safe Working Load (lbs)
244106	244506	1/4	1950
244108	244508	5/16	2875
244110	244510	3/8	4000
244111	244511	7/16	5000
244112	244512	1/2	6500
244116	244516	5/8	9250
244120	244520	3/4	12500

Eye Slip Hook A-324 with or without latch

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number for w/o latch	Number for w/o latch	Size for chain (in)	Safe Working Load (lbs)
244206	244606	1/4	2750
244208	244608	5/16	4300
244210	244610	3/8	5250
244211	244611	7/16	7000
244212	244612	1/2	9000
244216	244616	5/8	13500
244220	244620	3/4	19250



Eye Hook 320C with or without latch

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Safe Working Load (ton)
245101	245501	0.5
245102	245502	0.75
245103	245503	1.0
245104	245504	1.5
245105	245505	2.0
245106	245506	3.0
245107	245507	5.0
245108	245508	7.5
245109	245509	10

Eye Hook 320A with or without latch

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Safe Working Load (ton)
245201	245601	0.75
245202	245602	1.0
245203	245603	1.5
245204	245604	2.0
245205	245605	3.0
245206	245606	4.5
245207	245607	7.0
245208	245608	11
245209	245609	15



EURO Connecting Link

Grade 80, painted red
Breaking load = 4 x working load

Number	Size (mm)	Safe Working Load (ton)
273006	6-8	1.6
273008	7/8-8	2.0
273010	10-8	3.2
273013	13-8	5.4
273016	16-8	8.2
273020	18/20-8	12.5
273022	22-8	15.25
273026	26-8	21.25



Swivel Hook 322C with or without latch

Elec. Galv.
Forged carbon steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Safe Working Load (ton)
246101	246501	0.75
246102	246502	1.0
246103	246503	1.5
246104	246504	2.0
246105	246505	3.0
246106	246506	5.0
246107	246507	7.5

Swivel Hook 322A with or without latch

Elec. Galv.
Forged alloy steel
Breaking load = 4 x working load

Number for w/o latch	Number for with latch	Safe Working Load (ton)
246201	246601	1.0
246202	246602	1.5
246203	246603	2.0
246204	246604	3.0
246205	246605	4.5
246206	246606	7.0
246207	246607	11



US Connecting Link A-337

painted red
Breaking load = 4 x working load

Number	Size for chain (in)	Safe Working Load (lbs)
274006	1/4	4100
274010	3/8	7300
274012	1/2	13000
274016	5/8	20300
274019	3/4	29300
274022	7/8	39900
274025	1	52100
274032	1-1/4	81400



Manul Winch for Boat

Elec. Galv.

Number	Load (lbs)	Handle length (mm)
260006	600	165
260008	800	175
260010	1000	200
260012	1200	225
260014	1400	225
260016	1600	225
260018	1800	250
260020	2000	250
260025	2500	275



Manul Winch with Belt

Elec. Galv.

Number	Load (lbs)	Belt size (width x length)
260106	600	35mm x 6m
260108	800	35mm x 6m
260110	1000	50mm x 8m
260112	1200	50mm x 8m
260114	1400	50mm x 8m
260116	1600	50mm x 8m
260118	1800	50mm x 8m
260120	2000	50mm x 8m
260125	2500	50mm x 8m



Manul Winch with Wire

Elec. Galv.

Number	Load (lbs)	Wire size (Dia. x length)
260206	600	4.2mm x 8m
260208	800	4.2mm x 8m
260210	1000	4.2mm x 10m
260212	1200	4.2mm x 10m
260214	1400	4.5mm x 10m
260216	1600	4.5mm x 10m
260218	1800	5.0mm x 10m
260220	2000	5.0mm x 10m
260225	2500	5.0mm x 10m



Hand Puller

single gear, 2-hooks

Number	Capacity (ton)	Cable size (mm)	Surface
261001	1T	4.5mm x 1.8m	Elec. Galv.
261002	1.5T	4.5mm x 2.2m	Elec. Galv.
261003	2T	4.8mm x 3.0m	Elec. Galv.
261005	3T	5.1mm x 3.3m	Elec. Galv.
261006	4T	5.5mm x 3.3m	Elec. Galv.
261007	4T	6.0mm x 3.6m	Chrome plated



Hand Puller

double gear, 2-hooks

Number	Capacity (ton)	Cable size (mm)	Surface
261011	1T	4.5mm x 1.8m	Elec. Galv.
261012	1.5T	4.5mm x 2.2m	Elec. Galv.
261013	2T	4.8mm x 3.0m	Elec. Galv.
261014	2T	5.1mm x 3.0m	Chrome plated
261015	3T	5.1mm x 3.3m	Elec. Galv.
261016	4T	5.5mm x 3.3m	Elec. Galv.
261017	4T	6.0mm x 3.6m	Chrome plated
261018	4T	6.0mm x 3.6m	Alu. alloy



Hand Puller

double gear, 3-hooks

Number	Capacity (ton)	Cable size (mm)	Surface
261032	2T	4.8mm x 3.0m	Elec. Galv.
261033	2T	5.1mm x 3.0m	Chrome plated
261035	3T	5.1mm x 3.3m	Elec. Galv.
261036	4T	5.5mm x 3.3m	Elec. Galv.
261037	4T	6.0mm x 3.6m	Chrome plated
261038	4T	6.0mm x 3.6m	Alu. alloy



SS Ratchet Buckle

stainless steel AISI304

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260611	25	115	0.8
260622	38	127	1.5
260623	38	166	2.5
260624	38	171	3.0



SS Ratchet Buckle

stainless steel AISI304

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260631	50	127	2.0
260632	50	196	3.0
260633	50	230	3.0



25mm Ratchet Buckle

yellow plated

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260651	25	112	0.75



25mm Ratchet Buckle

yellow plated

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260652	25	135	1.5



38mm Ratchet Buckle

yellow plated

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260661	38	135	3.0



38mm Ratchet Buckle

yellow plated

Number	Webbing (mm)	Length (mm)	Pulling (ton)
260662	38	152	3.0



Load Binder Lever type Forged

Painted red
Forged steel

Number	Size for chain (in)	Safe Working Load (lbs)
264006	1/4~5/16	2600
264008	5/16~3/8	5400
264010	3/8~1/2	9200
264013	1/2~5/8	11000



Load Binder Ratchet type

Painted red
Casted handle

Number	Size for chain (in)	Safe Working Load (lbs)
265006	1/4~5/16	2600
265008	5/16~3/8	5400
265010	3/8~1/2	9200
265013	1/2~5/8	11000

Group 5

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Shock Cord
on plastic reels

Number	Diameter (mm)	Length (m)
280003	3	100
280004	4	100
280005	5	100
280006	6	100
280008	8	100
280010	10	100
280012	12	50



Sail Furling Tie
with plastic hook

Number	Diameter (mm)	Length (cm)
280220	2x4	20
280235	2x4	35
280255	2x4	55



Sail Furling Tie
with 1 plastic ball

Number	Diameter (mm)	Length (cm)
280430	2x4	30
280440	2x4	40
280450	2x4	50
280460	2x4	60



Nylon Hook for Shock Cord
white or black

Number	For shock cord Dia.(mm)	Length (mm)
281602	8	58



Shock Cord
with ss hook both ends

Number	Diameter (mm)	Length (cm)
280106	6	30
280108	8	50
280110	10	70



Sail Furling Tie
with 2 plastic balls

Number	Diameter (mm)	Length (cm)
280330	2x4	30
280350	2x4	50
280370	2x4	70



Shock Cord
with quick clip

Number	Diameter (mm)	Length (cm)
280505	5	55
280506	5	75
280508	5	80



Quick Clip for Shock Cord
blue,black,white,etc.

Number	For shock cord Dia.(mm)	Length (mm)
281506	5~6	46
281508	7~8	50



Mooring Spring

s.s. AISI304

Number	Diameter (mm)	Length (mm)
296105	5	300
296106	6	300
296107	7	400
296109	9	470
296111	11	470
296112	12	460



Mooring Spring

s.s. AISI304

Number	Diameter (mm)	Length (mm)
296204	4	230
296205	5	270
296206	6	315
296207	7	390
296208	8	330
296209	9	430
296210	10	340



Hot Knife (Rope cutter)

Cut the rope with diameter 2cm, and the webbing, with fine cutting edge, no disperse.

Attached with the cutting foot, the hot knife cut the synthetic fiber cloth without backup under the cloth, seal the cutting edge as well; cut the seal line on the bag.

Especially good for cutting sail cloth, awnings and filter cloth

Number	Specification
281901	Voltage: AC230V/50Hz Power: max.60W Intermittent operation: 1/4 min Power cord length: 2.5m Weight: 950g



SS Splicing Fid

with wood handle

Number	Length (mm)
297001	180
297002	280
297003	380



Fender Line 3-strand

material: Polyester, PPL

Number for Polyester	number for PPL	Diameter (mm)	Length (m)
285008	285508	8	2.5
285010	285510	10	2.5
285012	285512	12	2.5

Available color: white, blue, navy blue & black



Anchor Line with ss Thimble 3-strand

material: Polyester, PPL

Number for Polyester	number for PPL	Diameter (mm)	Length (m)
286010	286510	10	20
286012	286512	12	30
286014	286514	14	40
286016	286516	16	50

Available color: white, blue, navy blue & black



Mooring Rope with Spliced Eye 3-strand

material: Polyester, PPL

Number for Polyester	number for PPL	Diameter (mm)	Length (m)
287008-6	287508-6	8	6
287010-6	287510-6	10	6
287012-6	287512-6	12	6
287014-6	287514-6	14	6
287016-6	287516-6	16	6
287010-10	287510-10	10	10
287012-10	287512-10	12	10
287014-10	287514-10	14	10
287016-10	287516-10	16	10
287018-10	287518-10	18	10
287012-12	287512-12	12	12
287014-14	287512-14	14	14
287016-16	287516-16	16	16

Available color: white, blue, navy blue & black



Keel Roller

rubber, with plastic pipe

Number	Length (mm)	Shaft Dia. (Mm)
298001	100	13
298002	130	13
298003	190	13



V-Keel Roller

rubber, with steel & ABS pipe

Number	Length (mm)	Shaft Dia. (mm)
298021	180	16
298022	230	16
298023	280	16



Bow Guard

rubber

Number	Base (mm)	Height (mm)
298041	50x50	50
298042	75x75	75
298043	100x75	75



Bow Roller

rubber

Number	Length (mm)	Shaft Dia. (Mm)
298011	75	13



Side Guide Roller

rubber, with plastic pipe

Number	Length (mm)	Shaft Dia. (mm)
298031	100	16
298032	150	16



Bow Roller

rubber

Number	Diameter (mm)	Height (mm)
298051	110	110



Folding Anchor type A

steel, H.D.G.

Number	Weight (kg)	Length (mm)
301001	1.5	300
301002	2.5	360
301003	3.2	410
301004	4.0	450
301006	6.0	550
301008	8.0	570

Folding Anchor type A

s.s. AISI316

Number	Weight (kg)	Length (mm)
301500	0.7	190
301501	1.5	300
301502	2.5	360
301503	3.2	400
301504	4.0	440
301505	5.0	480
301506	6.0	520
301508	8.0	560
301510	10.0	600
301512	12.0	620
301516	16.0	650



Folding Anchor type B

steel, H.D.G.

Number	Weight (kg)	Length (mm)
301100	0.7	190
301101	1.4	330
301102	2.3	350
301103	3.5	410
301105	5.5	470
301107	7.5	530
301110	10	620
301112	12	640
301115	15	660



Bruce Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
302002	2.5	310
302005	5.0	470
302007	7.5	530
302010	10	580
302015	15	655
302020	20	710
302030	30	815

Bruce Anchor

s.s. AISI316

Number	Weight (kg)	Length (mm)
302502	2.5	310
302505	5.0	470
302507	7.5	530
302510	10	580
302515	15	655
302520	20	710
302530	30	815



Plow Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
303007	7	700
303009	9	800
303012	12	880
303016	16	980
303022	22	1000
303027	27	1080

Plow Anchor

s.s. AISI316

Number	Weight (kg)	Length (mm)
303507	7	700
303509	9	800
303512	12	880
303516	16	980
303522	22	1000
303527	27	1080



Delta Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
300005	5	580
300010	10	695
300016	16	805
300020	20	870
300030	30	945
300050	50	1105

Delta Anchor

stainless steel, AISI316

Number	Weight (kg)	Length (mm)
300505	5	580
300510	10	695
300516	16	805
300520	20	870
300530	30	945
300550	50	1105



Danforth Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
304003	3	480
304005	5	580
304006	6	585
304008	8	675
304010	10	720
304012	12	750
304015	15	780
304020	20	840
304025	25	910
304035	35	980

Danforth Anchor

stainless steel, AISI316

Number	Weight (kg)	Length (mm)
304505	5	580
304508	8	675
304510	10	680
304515	15	750
304520	20	840
304525	25	910



Brit Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
306002	2	406
306003	3.5	497
306006	6	547
306008	8	646
306010	10	732
306012	12	786
306014	14	788
306016	16	840
306020	20	910
306025	25	970
306035	35	1040
306045	45	1080



Pop Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
306502	2.5	480
306505	5	525
306507	7	580
306509	9	680



US Danforth Anchor with 2 Balls

steel, H.D.G.

Number	Weight (kg)	Length (mm)
304204	4.5	580
304207	7.5	650
304210	10	680
304213	13	720
304220	20	760



Stock Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
305005	5	480
305010	10	540
305012	12	580
305015	15	645
305020	20	715
305025	25	790
305035	35	870
305050	50	960



Hall Anchor type C

steel, H.D.G.

Number	Weight (kg)	Qty/bag (pcs)
307017	1.7	20
307021	2.1	20
307025	2.5	15
307028	2.8	10
307037	3.7	10
307040	4.0	10
307050	5.0	6
307060	6.0	6
307063	6.3	6
307080	8.0	5
307091	9.1	4
307100	10	4
307120	12	3
307150	15	2
307200	20	1
307300	30	1



US Navy Stockless Anchor

steel, H.D.G.

Number	Weight (lbs)	Weight (kg)
305107	70	32
305110	100	45
305115	150	68
305120	200	90
305125	250	113
305130	300	136
305150	500	227



Hall Anchor Asphalt painting

steel, asphalt painting

Number	Weight (kg)	Length (mm)
307430	30	820
307436	36	
307450	50	
307475	75	



Anchor Ring

steel, H.D.G.

Number for H.D.G.	Number for painted	Weight (kg)
309525	309625	25
309540	309640	40
309555	309655	55
309570	309670	70



Cross Bollard single

steel, H.D.G.

Number	Length (mm)	Width (mm)
311001	110	60
311002	140	80



Cross Bollard double

steel, H.D.G.

Number	Length (mm)	Width (mm)
311003	180	70
311004	235	90



Rowlock

steel, H.D.G.

Number	Size (mm)	Qty / bag (pcs)
311101	12x50	50
311102	14x57	50
311103	14x64	40
311104	14x70	40
311105	16x75	40



Rowlock with Cross Bolt

steel, H.D.G.

Number	Size (mm)	Qty / bag (pcs)
311111	12x57	100
311112	14x70	80



Rowlock foldable

steel, H.D.G.

Number	Size (mm)	Qty / bag (pcs)
311121	77x50	50
311122	77x57	50
311123	84x64	40
311124	84x70	40



Oarlock Socket

steel, H.D.G.

Number	Size (mm)	Type
311201	13x70	Top mount
311202	13x70	Side mount
311203	15x80	Top mount
311204	17x90	Top mount



Alu. Rowlock

aluminum

Number	Size (mm)	Weight (g)
311501	17x52	102



Alu. Rowlock with Cross Bolt

aluminum

Number	Size (mm)	Weight (g)
311502	17x52	127



Alu. Oarlock Socket, side mounted

aluminum

Number	Size (mm)	Weight (g)
311511	105x40x22	88



Alu. Oarlock Socket, top mounted

aluminum

Number	Size (mm)	Weight (g)
311512	81x33x33	58



Alu. Oarlock Socket, with blind hole

aluminum

Number	Size (mm)	Weight (g)
311513	81x33x33	69



Nylon Cleat

nylon black

Number	Length (inch)	Height (mm)
312003	3	16
312004	4	20
312005	5	25
312006	6	30
312008	8	40
312010	10	50



Four Fluke Anchor

s.s. AISI316

Number	Shaft Dia. (mm)	Length (mm)
315001	12	200
315002	16	240



Spiral Tie out stake

stainless steel AISI316

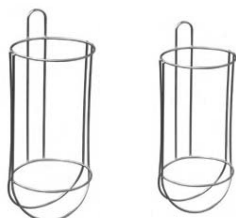
Number	Size (mm)	Length (cm)
315091	9	46



Buoy Hook

s.s. AISI316

Number	Diameter (mm)	Height (cm)
940004	10	80
940003	10	114



Easy Fender Basket

s.s. AISI304

Number	Diameter (cm)	Height (cm)
294001	17.0	40.5
294002	19.5	43.3
294003	21.5	44.3
294004	23.0	45.0
294005	25.0	56.0
294006	30.5	58.8



Clip for Fender Bracket

s.s. AISI304 & plastic

Number	Shape	Dimension (mm)
294101	Square	27.8x24.8
294102	Round	60x58x22



Mountain Anchor

steel, H.D.G.

Number	Shape	Length (mm)
315021	Straight	220
315022	Angeled	210

Mountain Anchor

stainless steel, AISI316

Number	Shape	Length (mm)
315036	Straight	220
315037	Angeled	210



Hammer for Mountain Anchor

steel, H.D.G.

Number	Weight (kg)	Length (mm)
315023	1.2	290

Hammer for Mountain Anchor

stainless steel, AISI316

Number	Weight (kg)	Length (mm)
315038	1.2	290



Mountain Drill

steel H.D.G.

Number	Length (mm)	Ring (mm)
315041	90	5x30
315042	120	6x35
315043	150	8x40

Group 6

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Hollow Base Cleat

s.s. AISI316

Number	Length mm (in)	Height (mm)
322004	101 (4)	25
322005	127 (5)	27
322006	152 (6)	31
322008	203 (8)	39
322010	254 (10)	50
322012	305 (12)	52



Low Silhouette Cleat

s.s. AISI316

Number	Length mm (in)	Height (mm)
322205	124 (5)	25
322206	148 (6)	29
322208	198 (8)	31
322210	254 (10)	40



Low Flat Cleat with base

s.s. AISI316

Number	Length mm (in)	Hole distant (mm)
322504	100 (4)	30.2
322505	125 (5)	34.9
322506	150 (6)	44.5
322508	200 (8)	55.6
322510	250 (10)	69.8



Rope Cleat

s.s. AISI316

Number	Diameter (mm)	Length (mm)	Height (mm)
322601	20	265	90



Heavy Duty Cleat

s.s. AISI316

Number	Length mm (in)	Height (mm)
322106	152 (6)	31
322108	203 (8)	41
322110	254 (10)	52
322112	304 (12)	60



Lift-up Cleat

s.s. AISI316

Number	Length mm (in)	Height (mm)
322305	130 (5)	65
322306	160 (6)	70
322308	210 (8)	96
322310	260 (10)	121
322312	310 (12)	125



Oval Cleat

s.s. AISI316

Number	Length mm (in)	Height (mm)
322406	150 (6)	55
322408	203 (8)	58
322410	250 (10)	70
322412	304 (12)	80



Rope Cleat

s.s. AISI316

Number	Length (mm)	Width (mm)
322911	40	20
322912	63	30



Horn Bollard

s.s. AISI316

Number	Length mm (in)	Height (mm)
323006	152 (6)	62
323008	203 (8)	77
323010	255 (10)	91
323012	310 (12)	109



Rope Cleat

s.s. AISI316

Number	Length (mm)	Width (mm)
322901	48	14



Cross Bollard with Base

s.s. AISI316

Number	Tube Dia (mm)	Base (mm)
323204	38	55
323205	48	72
323206	60	90
323207	76	110
323209	89	134
323210	102	148



Cross Bollard single

s.s. AISI316

Number	Length (mm)	Width (mm)
323101	60	60



Rope Cleat

s.s. AISI316

Number	Length (mm)	Width (mm)
322903	55	15
322904	70	17
322905	82	18



Rope Cleat

s.s. AISI316

Number	Length (mm)	Width (mm)
322902	55	17



Cross Bollard light type

s.s. AISI316

Number	Tube Dia (mm)	Height (mm)
323304	38	85
323305	48	100
323306	60	115
323307	76	150
323309	89	160
323310	102	180



Cross Bollard double

s.s. AISI316

Number	Length (mm)	Width (mm)
323102	150	60



Bow Chock

s.s. AISI316

Number	Length mm (in)	Width (mm)
324004	121 (4-3/4)	19
324006	152 (6)	24



Straight Chock

s.s. AISI316

Number	Length mm (in)	Width (mm)
324204	102 (4)	20
324206	152 (6)	22
324208	203 (8)	32
324210	254 (10)	44



Top Cap

s.s. AISI316

Number	For tube mm (in)	Screw size (mm)
325019	19 (3/4)	M6-28
325022	22 (7/8)	M6-28
325025	25 (1)	M6-28
325032	32 (1-1/4)	M6-28



Top Slide

s.s. AISI316

Number	For tube mm (in)	Screw size (mm)
325622	22 (7/8)	M6-20
325625	25 (1)	M6-20
325632	32 (1-1/4)	M6-20



Skene Bow Chock

s.s. AISI316

Number	Length mm (in)	Width (mm)
324104	114 (4-1/2)	19
324106	148 (6)	27



Skene Bow Chock

s.s. AISI316

Number	Length mm (in)	Width (mm)
324306	152 (6)	34
324308	203 (8)	38
324310	254 (10)	47



Top Slide

s.s. AISI316

Number	For tube mm (in)	Screw size (mm)
325519	19 (3/4)	M6-20
325522	22 (7/8)	M6-20
325525	25 (1)	M6-20
325532	32 (1-1/4)	M6-20



Top Slide

s.s. AISI316

Number	For tube mm (in)	Pin (mm)
325722	22 (7/8)	M4
325725	25 (1)	M5
325732	32 (1-1/4)	M5



Tee 90
s.s. AISI316

Number	For tube mm (in)	Weight (g)
326022	22 (7/8)	151
326025	25 (1)	182
326032	32 (1-1/4)	344



Tee 60 Right
s.s. AISI316

Number	For tube mm (in)	Weight (g)
326222	22 (7/8)	160
326225	25 (1)	200



Elbow 90
s.s. AISI316

Number	For tube mm (in)	Weight (g)
326422	22 (7/8)	142
326425	25 (1)	152



Stanchion (Front) 60
s.s. AISI316

Number	For tube mm (in)	Height (mm)
327122	22 (7/8)	48
327125	25 (1)	57



Tee 60 Universal
s.s. AISI316

Number	For tube mm (in)	Weight (in)
326122	22 (7/8)	163
326125	25 (1)	200
326132	32 (1-1/4)	324



Tee 60 Left
s.s. AISI316

Number	For tube mm (in)	Weight (g)
326322	22 (7/8)	160
326325	25 (1)	200



Stanchion (Center) 60
s.s. AISI316

Number	For tube mm (in)	Height (mm)
327022	22 (7/8)	48
327025	25 (1)	57



Stanchion (End) 60
s.s. AISI316

Number	For tube mm (in)	Height (mm)
327222	22 (7/8)	48
327225	25 (1)	57



Round Base 30

s.s. AISI316

Number	For tube mm (in)	Base (mm)
328022	22 (7/8)	66
328025	25 (1)	73



Round Base 60

s.s. AISI316

Number	For tube mm (in)	Base (mm)
328222	22 (7/8)	66
328225	25 (1)	73



Rectangular Base 30

s.s. AISI316

Number	For tube mm (in)	Base (mm)
329022	22 (7/8)	82x47
329025	25 (1)	82x47



Rectangular Base 60

s.s. AISI316

Number	For tube mm (in)	Base (mm)
329222	22 (7/8)	77x44
329225	25 (1)	82x47



Round Base 45

s.s. AISI316

Number	For tube mm (in)	Base (mm)
328122	22 (7/8)	66
328125	25 (1)	73



Round Base 90

s.s. AISI316

Number	For tube mm (in)	Base (mm)
328322	22 (7/8)	66
328325	25 (1)	70



Rectangular Base 45

s.s. AISI316

Number	For tube mm (in)	Base (mm)
329122	22 (7/8)	82x47
329125	25 (1)	82x47



Rectangular Base 90

s.s. AISI316

Number	For tube mm (in)	Base (mm)
329322	22 (7/8)	77x44
329325	25 (1)	82x47



Rope Top Cap with Hook
brass plated

Number	for rope Dia. (mm)	Eye Dia. (mm)
325211	36	12



Rope Center Fitting
brass plated

Number	for rope Dia. (mm)	Hole distance (mm)
325221	36	62



Rope End Fitting with Ring
brass plated

Number	for rope Dia. (mm)	Ring Dia. (mm)
325231	36	30



Wall Fitting
brass plated

Number	Length (mm)	Width (mm)
325241	38	20



Rope Top Cap with Hook
chrome plated

Number	for rope Dia. (mm)	Eye Dia. (mm)
325212	36	12



Rope Center Fitting
chrome plated

Number	for rope Dia. (mm)	Hole distance (mm)
325222	36	62



Rope End Fitting with Ring
chrome plated

Number	for rope Dia. (mm)	Ring Dia. (mm)
325232	36	30



Wall Fitting
chrome plated

Number	Length (mm)	Width (mm)
325242	38	20



Flag Pole

s.s. AISI316

Number	Length (mm)	Diameter (mm)
329606	610	25
329607	750	25
329609	900	25
329612	1250	25



Stanchion

s.s. AISI316

Number	Length (mm)	Diameter (mm)
329804	465	25
329806	610	25
329807	725	25



Handrail with base & screw

s.s. AISI316

Number	Length (mm)	Tube Dia. (mm)
327503	300	25
327504	400	25
327505	500	25
327506	600	25



Handrail with screw

s.s. AISI316

Number	Length (mm)	Tube Dia. (mm)
327703	300	22
327704	450	22
327706	610	22



Flag Pole

s.s. AISI316

Number	Length (mm)	Diameter (mm)
329706	610	22
329707	750	25
329709	900	25
329714	1200	25



Stanchion

s.s. AISI316

Number	Length (mm)	Diameter (mm)
329904	465	25
329906	610	25
329907	725	25



Handrail with base

s.s. AISI316

Number	Length (mm)	Tube Dia. (mm)
327602	200	22
327603	300	22
327604	400	22
327605	500	22
327606	600	22
327608	800	22
327610	1000	22



Handrail with base

s.s. AISI316

Number	Length (mm)	Tube Dia. (mm)
327802	200	22
327803	300	22
327804	400	22
327805	500	22
327806	600	22



Aluminum Boat Hook

with plastic hook

Number	Diameter (mm)	Length (mm)
318001	25	130
318002	25	160
318003	25	180
318004	25	210



Aluminum Telescope Boat Hook

with plastic hook

Number	Diameter (mm)	Length (mm)
318011	25/30	60~110
318012	25/30	120~210



Flag Pole

s.s. AISI316

Number	Length (mm)	Diameter (mm)
329504	400	14
329506	600	20
329508	800	25



Wood Boat Hook

with s.s. hook

Number	Diameter (mm)	Length (mm)
318021	30	180
318022	30	210
318023	30	250



Aluminum Telescope Boat Hook

with plastic hook

Number	Diameter (mm)	Length (mm)
318013	25/30	120~210
318014	25/30	120~210
318015	25/30	120~210

Color: white, blue, red



Steering Wheel

stainless steel

Number	Diameter (cm)	Pitch	Shaft Dia. (cm)
340001	340	25	22
340002	400	25	22
340003	400	10	22
340004	450	10	22
340005	500	10	22



Door Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
330001	38 x 38	5.5
330002	50 x 50	5.5



Door Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
330005	76 x 38	5.5
330006	100 x 38	5.5



Deck Hinge 2parts

s.s. AISI316

Number	Size (mm)	Usage
330009	95 x 50	Right
330010	95 x 50	Left



Offset Hinge

s.s. AISI316

Number	Size (mm)	Height (mm)
330013	38 x 38	10
330014	56 x 38	10



Strap Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
330004	101 x 25	5.5
330003	156 x 28	5.0



Door Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
330007	56 x 38	5.5
330008	75 x 38	5.5



Door Hinge

s.s. AISI316

Number	Length (mm)	Width (mm)
330011	138	82/48



Door Button Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
330105	45	4



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330301	40 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330303	59 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330305	74 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330307	100 x 30	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330302	60 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330304	76 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330306	70 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330308	49 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330311	97 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330313	100 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330315	140 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330317	90 x 30	2
330318	100 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330312	106 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330314	128 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330316	180 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330319	150 x 40	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330331	76 x 60	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330332	75 x 75	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330351	51 x 35	2



Stamped Hinge

s.s. AISI316

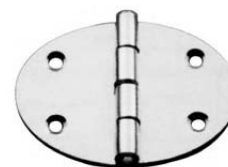
Number	Length x Width (mm)	Thickness (mm)
330352	67 x 48	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330353	78 x 56	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330354	84 x 56	2



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330341	30 x 25	1.0



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330343	40 x 40	1.5



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330345	60 x 40	1.5



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330347	80 x 80	1.5



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330342	40 x 35	1.0



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330344	50 x 40	1.0



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330346	80 x 64	1.5



Stamped Hinge

s.s. AISI316

Number	Length x Width (mm)	Thickness (mm)
330348	100 x 100	2.0



Deck Hinge 90

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331001	52 x 17.5	5.5



Deck Hinge Declining

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331003	52 x 17.5	5.5



Deck Hinge Concave Base

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331005	57 x 22	5.5



Heavy Duty Deck Hinge

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331007	74.5 x 47.5	7.0



Deck Hinge 90 with release pin

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331002	52 x 17.5	5.5



Deck Hinge Declining with release pin

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331004	52 x 17.5	5.5



Deck Hinge Side Mounted

s.s. AISI316

Number	Base (mm)	Hole Dia (mm)
331006	50 x 22	5.5



Universal Deck Hinge

s.s. AISI316

Number	Size (mm)	Hole Dia (mm)
331008	68x25x45	6.5



Locking Cam Latch

s.s. AISI316

Number	Length (mm)	Width (mm)
331101	110	50



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331103	98	27



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331533	79	26



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331538	115	15.5



Swivel Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331111	75	25.5



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331104	89	27



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331536	80	25



Hasp

s.s. AISI316

Number	Length (mm)	Width (mm)
331544	100	42.5



Step

s.s. AISI316

Number	Length (mm)	Width (mm)
331132	138	118



Turning Lock Lift Handle

s.s. AISI316

Number	Base (mm)	Height (mm)
331201	66 x 80	110



Small Flush Lifting Pull

s.s. AISI316

Number	Length (mm)	Width (mm)
331211	44	38



Lifting Ring

s.s. AISI316

Number	Length (mm)	Width (mm)
331215	76	58



Turning Lock Lift Handle

s.s. AISI316

Number	Base Dia. (mm)	Height (mm)
331122	50	56



Flush Lifting Pull with spring

s.s. AISI316

Number	Length (mm)	Width (mm)
331202	44	38
331203	65	55
331204	55	75



Lifting Ring

s.s. AISI316

Number	Length (mm)	Width (mm)
331213	48	38
331214	62	44



Turning Lock Lift Ring

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331220	50	60



Turning Lock Lift Ring

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331221	60	82



Turning Lock Lift Ring

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331224	60	36



Turning Lock Lift Ring

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331226	60	66



Turning Lock Lift Ring

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331228	60	58



Turning Lock Lift Ring with key

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331222	60	82



Turning Lock Lift Ring with key

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331225	60	36



Turning Lock Lift Ring with key

s.s. AISI316

Number	Diameter (mm)	Height (mm)
331227	60	66



Table Bracket

s.s. AISI316

Number	Length (mm)	Height (mm)
331461	300	160



Awning Hook

s.s. AISI316

Number	Base (mm)	Height (mm)
331411	25x23	19
331412	30x26	21



Fender Hook

s.s. AISI316

Number	Base (mm)	Height (mm)
331413	25x25	19
331414	27x27	20



Fender Hook

s.s. AISI316

Number	Base (mm)	Height (mm)
331415	36x31	19
331416	41x33	21



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)
332517	160	62



Anchor Swivel

s.s. AISI316

Number	for chain (mm)	Length (mm)
332001	6-8	90
332002	10-12	100



Anchor Swivel

s.s. AISI316

Number	for chain (mm)	Length (mm)
332101	6-8	95
332102	10-12	110



Anchor Swivel

s.s. AISI316

Number	for chain (mm)	Length (mm)
332201	6-8	120
332202	10-12	155



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)
332525	430	100



Bow Roller

s.s. AISI304

Number	Length (mm)	Inner width (mm)	Height (mm)
332511	380	44.5	175



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)	Height (mm)
332515	158	44.5	76



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)	Height (mm)
332521	300	80	80
332522	400	80	80
332523	500	80	80



Bow Roller

s.s. AISI316

Number	Length (mm)	Width (mm)	Height (mm)
332541	400	45	75
332542	490	74	90



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)	Height (mm)
332513	590	88	200



Bow Roller

s.s. AISI304

Number	Length (mm)	Width (mm)	Height (mm)
332516	280	44.5	60



Bow Roller

s.s. AISI316

Number	Length (mm)	Width (mm)	Height (mm)
332531	280	35	95
332532	380	45	120
332533	620	72	170



Bow Roller with 2 wheels

s.s. AISI316

Number	Length (mm)	Width (mm)	Height (mm)
332546	420	70	115
332547	580	80	115
332548	780	90	125
332549	885	90	125

Group 7

Deck fillers	72
Thru hulls	73
Vents	74
Hose nipples & Ball valves	75 ~ 76



Deck Filler with key

s.s. AISI316

Number	Type	Size (inch)	Length for hose(mm)
335010-D	Diesel	1-1/2	58
335010-G	Gas	1-1/2	58
335010-O	Oil	1-1/2	58
335010-V	Water	1-1/2	58
335010-W	Waste	1-1/2	58
335020-D	Diesel	2	60
335020-G	Gas	2	60
335020-O	Oil	2	60
335020-V	Water	2	60
335020-W	Waste	2	60



Deck Filler

s.s. AISI316

Number	Type	Size (inch)	Length for hose(mm)
335210-D	Diesel	1-1/2	58
335210-G	Gas	1-1/2	58
335210-V	Water	1-1/2	58
335220-D	Diesel	2	60
335220-G	Gas	2	60
335220-V	Water	2	60



Tank Vent

s.s. AISI316

Number	Size (in)	Length (in)
336201	.3/4	2-3/4



Deck Filler with flip up latch

s.s. AISI316

Number	Type	Size (inch)	Length for hose(mm)
335110-D	Diesel	1-1/2	40
335110-F	Fuel	1-1/2	40
335110-V	Water	1-1/2	40
335110-W	Waste	1-1/2	40
335120-D	Diesel	2	40
335120-F	Fuel	2	40
335120-V	Water	2	40
335120-W	Waste	2	40



Deck Filler with lift pull ring

s.s. AISI316

Number	Type	Size (inch)	Length for hose(mm)
335310-D	Diesel	1-1/2	60
335310-F	Fuel	1-1/2	60
335310-G	Gas	1-1/2	60
335310-V	Water	1-1/2	60
335310-W	Waste	1-1/2	60



Tank Vent

s.s. AISI316

Number	Size (in)	Thread length (in)
336202	.5/8	1-1/8



Thru Hull

s.s. AISI316

Number	Size (in)	Length (mm)
334010	3/8	58
334012	1/2	64
334020	3/4	74
334025	1	78
334032	1-1/4	84
334038	1-1/2	92
334050	2	98



Thru Hull for hose

s.s. AISI316

Number	Size (in)	Length for hose(mm)
334412	1/2	21
334420	3/4	21
334425	1	23
334432	1-1/4	26
334438	1-1/2	21



Bronze Thru Hull

polished

Number	Size (inch)	Length (Inch)
337020	3/4	3
337025	1	3
337032	1-1/4	3
337038	1-1/2	3
337050	2	3



Thru Hull for hose

s.s. AISI316

Number	Size (in)	Length for hose (mm)
334212	1/2	28
334220	3/4	32
334225	1	38
334232	1-1/4	34
334238	1-1/2	33



Intake Strainer

s.s. AISI316

Number	Size (in)	Weight (kg)
336010	3/8	0.182
336012	1/2	0.261
336020	3/4	0.403
336025	1	0.467
336032	1-1/4	0.577
336038	1-1/2	0.820
336050	2	1.50
336060	2-1/2	2.50



Round Vent

s.s. AISI316

Number	Size (in)	Weight (kg)
336304	4	0.038
336305	5	0.064



Round Vent

s.s. AISI316

Number	Size (in)	Weight (kg)
336315	5	0.098



Round Vent

s.s. AISI316

Number	Size (in)	Width (mm)
336325	5	66



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336401	127	66



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336402	120	120



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336403	230	115



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336404	360	185



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336405	228	127



Vent

s.s. AISI316

Number	Length (mm)	Width (mm)
336411	43	42
336412	56	55



90 Elbow

s.s. AISI316

Number	Size (in)
351003	1/8
351006	1/4
351010	3/8
351012	1/2
351020	3/4
351025	1
351034	1-1/4
351040	1-1/2
351050	2
351060	2-1/2
351070	3
351080	4



Street Elbow 90

s.s. AISI316

Number	Size (in)
354003	1/8
354006	1/4
354010	3/8
354012	1/2
354020	3/4
354025	1
354034	1-1/4
354040	1-1/2
354050	2
354060	2-1/2
354070	3
354080	4



Union Conical M/F

s.s. AISI316

Number	Size (in)
356103	1/8
356106	1/4
356110	3/8
356112	1/2
356120	3/4
356125	1
356134	1-1/4
356140	1-1/2
356150	2
356160	2-1/2
356170	3
356180	4



Hexagon Bushing

s.s. AISI316

Number	Size (in)
359006	1/4
359010	3/8
359012	1/2
359020	3/4
359025	1
359034	1-1/4
359040	1-1/2
359050	2
359060	2-1/2
359070	3
359080	4



Tee

s.s. AISI316

Number	Size (in)
352003	1/8
352006	1/4
352010	3/8
352012	1/2
352020	3/4
352025	1
352034	1-1/4
352040	1-1/2
352050	2
352060	2-1/2
352070	3
352080	4



Elbow 45

s.s. AISI316

Number	Size (in)
355003	1/8
355006	1/4
355010	3/8
355012	1/2
355020	3/4
355025	1
355034	1-1/4
355040	1-1/2
355050	2
355060	2-1/2
355070	3
355080	4



Square Plug

s.s. AISI316

Number	Size (in)
357003	1/8
357006	1/4
357010	3/8
357012	1/2
357020	3/4
357025	1
357034	1-1/4
357040	1-1/2
357050	2
357060	2-1/2
357070	3
357080	4



Hexagon Nipple

s.s. AISI316

Number	Size (in)
360003	1/8
360006	1/4
360010	3/8
360012	1/2
360020	3/4
360025	1
360034	1-1/4
360040	1-1/2
360050	2
360060	2-1/2
360070	3
360080	4



Cross

s.s. AISI316

Number	Size (in)
353003	1/8
353006	1/4
353010	3/8
353012	1/2
353020	3/4
353025	1
353034	1-1/4
353040	1-1/2
353050	2
353060	2-1/2
353070	3
353080	4



Union Conical F/F

s.s. AISI316

Number	Size (in)
356003	1/8
356006	1/4
356010	3/8
356012	1/2
356020	3/4
356025	1
356034	1-1/4
356040	1-1/2
356050	2
356060	2-1/2
356070	3
356080	4



Hexagon Plug

s.s. AISI316

Number	Size (in)
358003	1/8
358006	1/4
358010	3/8
358012	1/2
358020	3/4
358025	1
358034	1-1/4
358040	1-1/2
358050	2
358060	2-1/2
358070	3
358080	4



Reduced Hex. Nipple

s.s. AISI316

Number	Size (in)
360103	1/8
360106	1/4~1/8
360110	3/8~1/4
360112	1/2~3/8
360120	3/4~1/2
360125	1~3/4
360134	1-1/4~1
350140	1-1/2~1-1/4
350150	2~1-1/2
350160	2-1/2~2
350170	3~2-1/2
350180	4~3



Hexagon Cap

s.s. AISI316

Number	Size (in)
361003	1/8
361006	1/4
361010	3/8
361012	1/2
361020	3/4
361025	1
361034	1-1/4
361040	1-1/2
361050	2
361060	2-1/2
361070	3
361080	4



Round Cap

s.s. AISI316

Number	Size (in)
362003	1/8
362006	1/4
362010	3/8
362012	1/2
362020	3/4
362025	1
362034	1-1/4
362040	1-1/2
362050	2
362060	2-1/2
362070	3
362080	4



Socket Reduced

s.s. AISI316

Number	Size (in)
363006	1/4~1/8
363010	3/8~1/4
363012	1/2~3/8
363020	3/4~1/2
363025	1~3/4
363034	1-1/4~1
363040	1-1/2~1-1/4
363050	2~1-1/2
363060	2-1/2~2
363070	3~2-1/2
363080	4~3



Socket Banded

s.s. AISI316

Number	Size (in)
364003	1/8
364006	1/4
364010	3/8
364012	1/2
364020	3/4
364025	1
364034	1-1/4
364040	1-1/2
364050	2
364060	2-1/2
364070	3
364080	4



Socket O.D. Machined

s.s. AISI316

Number	Size (in)
365003	1/8
365006	1/4
365010	3/8
365012	1/2
365020	3/4
365025	1
365034	1-1/4
365040	1-1/2
365050	2
365060	2-1/2
365070	3
365080	4



Socket Plain

s.s. AISI316

Number	Size (in)
366003	1/8
366006	1/4
366010	3/8
366012	1/2
366020	3/4
366025	1
366034	1-1/4
366040	1-1/2
366050	2
366060	2-1/2
366070	3
366080	4



Hose Nipple

s.s. AISI316

Number	Size (in)
367003	1/8
367006	1/4
367010	3/8
367012	1/2
367020	3/4
367025	1
367034	1-1/4
367040	1-1/2
367050	2
367060	2-1/2
367070	3
367080	4



Spud

s.s. AISI316

Number	Size (in)
368003	1/8
368006	1/4
368010	3/8
368012	1/2
368020	3/4
368025	1
368034	1-1/4
368040	1-1/2
368050	2
368060	2-1/2
368070	3
368080	4



Hexagon Nut

s.s. AISI316

Number	Size (in)
368103	1/8
368106	1/4
368110	3/8
368112	1/2
368120	3/4
368125	1
368134	1-1/4
368140	1-1/2
368150	2
368160	2-1/2
368170	3
368180	4



Ball Valve 1part

s.s. AISI316

Number	Size (in)
369006	1/4
369010	3/8
369012	1/2
369020	3/4
369025	1
369034	1-1/4
369040	1-1/2
369050	2
369060	2-1/2
369070	3
369080	4



Ball Valve 2parts

s.s. AISI316

Number	Size (in)
369106	1/4
369110	3/8
369112	1/2
369120	3/4
369125	1
369134	1-1/4
369140	1-1/2
369150	2
369160	2-1/2
369170	3
369180	4



Ball Valve

s.s. AISI316

Number	Size (in)
369206	1/4
369210	3/8
369212	1/2
369220	3/4
369225	1
369234	1-1/4
369240	1-1/2
369250	2
369260	2-1/2
369270	3
369280	4

Group 8

Ladders	78
Motor bracket	79
Lifebuoy brackets	80
Signal	81



SS 316 Folding Ladder
standard version 2 steps

Number	Total length (mm)	Folding length (mm)	Width (mm)
341002	600	340	250



SS 316 Folding Ladder
standard version 3 steps

Number	Total length (mm)	Folding length (mm)	Width (mm)
341003	890	380	250



SS 316 Folding Ladder
standard version 4 steps

Number	Total length (mm)	Folding length (mm)	Width (mm)
341004	1150	390	250



SS 316 Folding Ladder
under plate form

Number	Step	Total length (mm)	Folding length (mm)	Width (mm)
341012	2	600	300	225
341013	3	900	310	225
341014	4	1150	320	225



SS 316 Folding Ladder
with distance holder

Number	Step	Total length (mm)	Folding length (mm)	Width (mm)
341023	3	630	300	230
341024	4	900	410	230
341025	5	1150	580	230



SS 316 Folding Ladder
with hand rail

Number	Step	Total length (mm)	Folding length (mm)	Width (mm)
341033	3	630	300	230
341034	4	900	410	230
341035	5	1150	580	230



Motor Bracket
Aluminum & polywood

Number	Dimension (mm)	For motor Weight
332802	210-260	40kg



Motor Bracket
s.s. AISI304 & polywood

Number	Dimension (mm)	For motor Weight
332803	210-260	40kg



Motor Bracket
s.s. AISI304 & polywood

Number	For motor (hp)	Adjustable
332821	≤12	0-17



Motor Bracket
s.s. AISI304 & polywood

Number	For motor (hp)	Adjustable
332823	≤12	22-35



Motor Bracket
Aluminum & plastic

Number	Dimension (mm)	For motor Weight
332812	210-260	40kg



Motor Bracket
s.s. AISI304 & plastic

Number	Dimension (mm)	For motor Weight
332813	210-260	40kg



Motor Bracket
s.s. AISI304 & polywood

Number	For motor (hp)	Adjustable
332822	≤12	22-35



Motor Bracket
s.s. AISI304 & polywood

Number	For motor (hp)	Adjustable
332824	≤12	no



Engine safety lock

s.s. AISI316

Number	Length (mm)
332851	240
332852	280



Fog Horn

s.s. AISI316

Number	Length (mm)	Weight (g)
348055	170	84



Lifebuoy Bracket

s.s. AISI304

Number	Dimension (mm)
348012	22-25



Lifebuoy Bracket

s.s. AISI304

Number	Diameter (mm)
348014	600



Marine Bailer

plastic

Number	Color
348061	Orange
348062	White



Lifebuoy Bracket

s.s. AISI304

Number	Diameter (mm)
348011	22-25



Lifebuoy Bracket

Aluminum

Number	Diameter (mm)
348013	22-25



Lifebuoy Bracket

s.s. AISI304

Number	Diameter (mm)
348015	650
348016	750



Radar Reflector

Number	Length (mm)	Diameter (cm)
451155	360mm	50mm



Twin-cone Signal Ball

nylon

Number	Diameter (cm)	Height (cm)
348046	61	110



Rhombus Signal Ball

nylon

Number	Diameter (cm)	Height (cm)
348048	61	110



Signal Ball

black PVC

Number	Diameter (cm)	Weight (g)
348050	30	110



Cylinder Signal Ball

nylon

Number	Diameter (cm)	Height (cm)
348045	61	110



Cone Signal Ball

nylon

Number	Diameter (cm)	Height (cm)
348047	61	55



Sphere Signal Ball

nylon

Number	Diameter (cm)	Height (cm)
348049	61	55



Signal Cone

black PVC

Number	Diameter (cm)	Height (cm)
348051	32	45



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