

HULL, DECK & CABIN HARDWARE

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Introduction to Aluminium Anodes

Sacrificial anodes are specifically designed to protect those metal parts submerged and exposed in water by sacrificing themselves by wasting away. BLA provides a wide range of quality Martyr anodes including round models to suit propeller shafts and rudders, block models for hull protection, complete kits for stern drives and outboards plus pencil models for diesel applications.

In recognition of our delicate marine environment BLA introduces a range of pressure die-cast Martyr aluminium (Mil A 24779 SH) anodes. Where traditional zinc anodes use small amounts of Cadmium in the manufacturing process, all Martyr aluminium anodes are completely Cadmium free, being predominantly made of non-toxic aluminium and Indium.

The Cadmium free anode offers many benefits and advantages over the traditional zinc type.

In addition to being more environmentally friendly, the aluminium anode is significantly lighter for the same given volume which can result in fuel savings where large zinc block anodes have previously been used.

Martyr aluminium anodes offer improved performance and efficiency due to its electrical capacity to become sacrificial, being almost twice that of zinc, weight for weight. This electrical advantage results in longer anode life of up to 50% over zinc whilst providing excellent corrosion protection and benefiting the user by extending time between anode replacement.

The following is a brief technical comparison between zinc and aluminium anodes. Look for the dedicated aluminium anode code listed within the tables if available.

- Zinc capacity of ampere hours per 453 grams is 355 hours while aluminium is 1225 hours
- Zinc anodes will give one amp for 355 hours for every 453 grams of zinc while aluminium will give one amp for 1225 hours per 453 grams of aluminium
- Typical 4.68kg zinc anode performing at 0.5 amp would be expected to provide 7312 hours (10 months) of protection
- Typical same sized 2.7kg aluminium anode performing at 0.5 amp would be expected to provide 12,250 hours (16 months) of protection

Aluminium features and benefits include:

- Environmentally friendly, Cadmium free
- Lighter weight for given volume than traditional zinc
- Improved efficiency resulting in longer service life
- · Less weight for better fuel efficiency
- · Wide range available including stern drive kits









Anode Selection Guide

	Sterndrive/ Outboard				
Hull Material	Wood	Fibreglass	Alum	Steel	All
Freshwater (Pure)	Alum	Alum	Alum	Alum	Alum
Freshwater (Polluted)	Alum	Alum	Alum	Alum	Alum
Brackish	Alum/Zinc	Alum/Zinc	Alum/Zinc	Alum/Zinc	Alum
Saltwater	Alum/Zinc	Alum/Zinc	Alum/Zinc	Alum/Zinc	Alum

Anode Specifications

Without proper protection, your boat and motor can be ruined by galvanic corrosion, as a result of electrolysis.

A boat may have many metals electrically connected in a saltwater solution (the sea). When two dissimilar metals are electrically connected and submerged in an electrolyte (sea water) a natural chemical reaction takes place. This chemical reaction forms a circuit where the least noble metal - the anode - will begin to break down leaving the most noble metal - the cathode - (e.g. the motor leg) intact.

The lower leg of an outboard motor or sterndrive for example needs to be protected by anodes. The anode will be sacrificed leaving the lower leg protected.

Anodes can also provide low cost cathodic protection on ocean going vessels, structures and equipment constructed of steel and other metals.

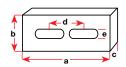
Anodes are manufactured from high grade zinc (99.995%) and are alloyed to conform to US mil spec MIL-A-18001K aluminium/zinc composition, (designation Z1) and subject to strict quality control.

Composition	MIL-A-18001K Alum/Zinc
Cadmium	0.025%-0.07%
Copper	0.005% max.
Iron	0.005% max.
Indium	-
Lead	0.006% max.
Mercury	-
Silicon	-
Nickel	-
Manganese	-
Magnesium	-
Aluminium	-
Zinc	Remainder

Diver and Mini Diver Anodes

Multi-fit, multi-position anode that is suited to underwater replacement in any water clarity condition. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.



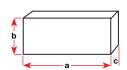


Zinc		Description	а	b	С	d			
Code	Code								Alloy
			mm	mm	mm	mm	mm	kg	kg
190994	190995	Diver	305	150	13	38-242	11	3.6	1.47
190996	190997	Mini diver	150	100	13	22-104	11	1.04	0.39

Block Anodes - Plain

Manufactured to conform to US mil spec MIL-A-18001 K composition. Plain block anode that can be drilled or machined to suit application. Available in zinc.



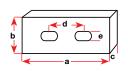


Zinc Code	а	b	С	Weight Zinc
	mm	mm	mm	kg
191014	100	75	25	1.5
191016	155	80	25	2.0
191018	150	100	20	2.2
191020	155	155	25	4.0

Block Anodes

Galvanised steel insert for mounting (190998-02). Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.

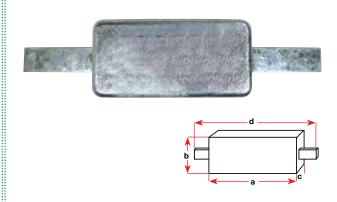




									Zinc Code	Alloy Code	a mm	b mm	c mm	d mm	e mm	Weight Zinc kg	Weight Alloy kg
Zinc Code	Alloy Code	Description	b mm	c mm	d mm	e mm		ight Alloy kg	(A) 190998 (A) 191000 (A) 191002	191003	155	100 70 68	20 20 18	91-130 37-93 51-90	13 13 15	2.05 0.8 1.0	0.36
190994 190996		Diver Mini diver			38-242 22-104		3.6 1.04	1.47 0.39	(B) 191004 (B) 191006		150 150	70 150	25 25		21 21	2.0 3.9	

Block Anodes - With Strap

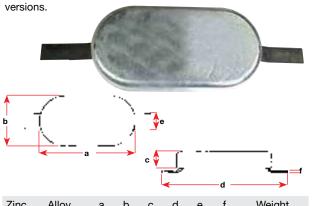
Manufactured to conform to US mil spec MIL-A-18001 K composition. Galvanised steel strap insert for mounting. Available in zinc or cadmium free aluminium versions.



Zinc Code	Alloy Code	a mm	b mm	c mm	d mm	Weight Zinc kg	Weight Alloy kg
191024		100	75	28	190	1.5	
191026	191027	155	75	28	300	2.2	0.9
191028	191029	155	155	28	300	4.3	0.9

Oval Anodes - With Strap

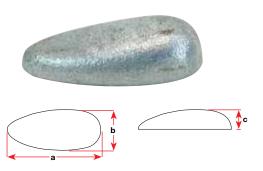
Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium



191034 191035 250 125 35 395 32 4 7.0 3.0 mm mm mm mm kg k	Zinc Code	Alloy Code	а	b	С	d	е	f	We Zinc	ight Alloy	—	а			>				
191034 191035 250 125 35 395 32 4 7.0 3.0 191036 191037 305 150 45 505 32 4 13.0 5.2			mm	mm	mm			mm	kg	kg	Zinc		а	b	С	Thickness			
191034 191035 250 125 35 395 32 4 7.0 3.0 191036 191037 305 150 45 505 32 4 13.0 5.2 191040 191031 219 108 127 25 6 3.1 1.	191032		150	75	35	300	25	3	3.1		Code	Code					Holes	Zinc	Alloy
13100 13107 303 130 43 303 32 4 13.0 3.2	191034	191035	250	125	35	395	32	4	7.0	3.0			mm	mm	mm	mm	mm	kg	kg
191038 191039 305 150 32 505 32 4 8.5 3.6 191041 230 80 98 18 6 1.5	191036	191037	305	150	45	505	32	4	13.0	5.2	191040	191031	219	108	127	25	6	3.1	1.19
	191038	191039	305	150	32	505	32	4	8.5	3.6	191041		230	80	98	18	6	1.5	

Teardrop Anodes - Plain

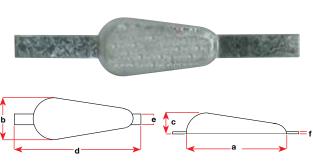
Manufactured to conform to US mil spec MIL-A-18001 K composition. Plain teardrop anode that can be drilled or machined to suit application. Available in zinc or cadmium free aluminium versions.



Zinc Code	Alloy Code	а	b	С	Weight Zinc	Weight Alloy
		mm	mm	mm	kg	kg´
191042		83	37	25	0.3	
191044	191045	127	60	30	1.0	0.4
191046	191047	175	72	38	1.65	0.8

Teardrop Anodes - With Strap

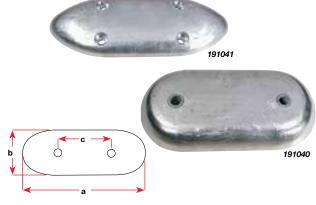
Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.



Zinc Code	Alloy Code	а	b	С	d	е	f	Weight Zinc	Weight Alloy
		mm	mm	mm	mm	mm	mm	kg	kg
191060	191061	127	60	34	300	25	3	1.1	0.50
191062	191063	175	80	40	300	25	3	2.2	0.80
191064	191065	206	75	40	300	25	3	2.6	1.0

Oval Anodes - Plain

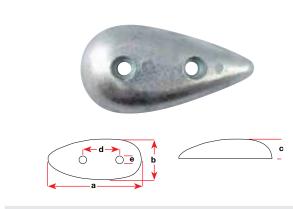
Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.



Zinc Code	Alloy Code	а	b	С	Thickness		Weight Zinc	
		mm	mm	mm	mm	mm	kg	kg
191040	191031	219	108	127	25	6	3.1	1.19
191041		230	80	98	18	6	1.5	

Teardrop Anodes - With Fixing Holes

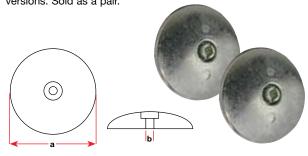
Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.



Zinc Code	Alloy Code	а	b	С	d	е	Weight Zinc	Weight Alloy
		mm	mm	mm	mm	mm	kg	kg
191048	191049	90	45	14	32	6	0.18	0.07
191050	191051	132	52	25	42	8	0.48	0.18

Rudder Anodes - With Fixing Hole

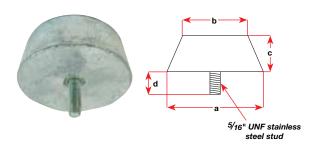
Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions. Sold as a pair.



Zinc Code	Alloy Code	а	b	Weight Zinc	Weight Alloy
		mm	mm	kg per pair	kg per pair
191070		46	5.0	0.09	
191072		71	6.5	0.6	
191074		94	8.4	1.0	
191076	191077	125	8.4	1.5	0.58

Condenser Anodes

Primarily designed for use on commercial fishing boat condensers but also suitable for use on hulls and rudders. Manufactured to conform to US mil spec MIL-A-18001 K composition.



BLA Code	a mm	b mm	c mm	d mm	Weight kg
191082	50	38	30	25	0.4
191084	75	63	30	25	0.85

Grouper Anode

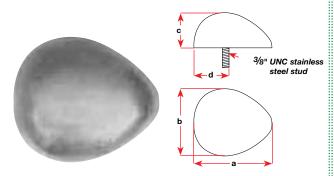
Ideal anode for electrolytic control over specific boat parts and conditions by attaching the alligator clips to the part requiring protection and placing the fish (anode) into the water. Do not connect anode to the battery's negative terminal, as this is not an earth terminal, it is a circuit terminal and the anode would be destroyed.



BLA Code	Anode Length	Cable Length	Weight
	mm	mm	kg
191096	205	4.5	2.7

Bertram[®] Type Hull Anode

Use as a drop in replacement for genuine Bertram[®] hull anode or as a stud mount, general application hull anode. 304 grade stainless steel stud and nyloc nut. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.



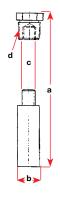
Zinc Code	а	b	С	d	Stud Length	Weight Zinc
	mm	mm	mm	mm	mm	kg
191092	150	125	60	55	65	4

Engine Pencil Anodes - With Plug

Screw in anodes to suit popular diesel engines. Supplied with naval brass plug adaptor.

Manufactured to conform to US mil spec
MIL-A-18001 K composition.





BLA Code	а	b Dia.	Weight	С	d
Codo	mm	mm	kg	UNC	
191128	63	6.2	.02	1/4"	1/8" NPT
191130	44	9.5	.04	⁵ /16"	1/4" NPT
191134	69	12	.08	3/8"	3/8" NPT
191138	51	15.8	.13	⁷ /16"	1/2" bsp
191142	51	19	.20	1/2"	3/4" bsp

Spare Parts:

191129	Replacement anode for 191128
191131	Replacement anode for 191130
191135	Replacement anode for 191134
191156	Replacement anode for 191138
191143	Replacement anode for 191142

Engine Pencil Anodes

Screw in anodes to suit popular diesel engines. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or a cadmium free aluminium version.



BLA Code	a mm	b Dia. mm	Thread	Engine Make	Replaces OEM Part No.
191150	30	20.0	M8x1.25	Yanmar	27210-200300
191151	20	20.0	M8x1.25	Yanmar	27210-200200
191152	37	12.0	M5	Bukh	
191154	58	10.0	1/4" UNC	Cat	6L2283
191156	52	15.8	7/ ₁₆ " UNC	Cat	
191158	65	15.8	3/8" UNC	Cat	6L2288
191160	20	22.0	5/8" UNF	Cat	6L2016
191162	81	19.0	5/8" UNC	GM	
191164	54	19.0	5/8" UNC	GM	
191166	51	9.5	3/8" UNC	GM	
191168	44	25.0	3/8" UNC	Volvo	823661-4
191170	30	17.0	7/ ₁₆ " UNC	Volvo	838929-8
191171 (Alloy)	30	17.0	3/8" UNC	Volvo	838929-8

Propeller Shaft Anodes

Cadmium free aluminium anodes manufactured to conform to US mil spec MIL-A-18001 K composition. Supplied with 304 grade stainless steel socket head cap screws and captured nuts. Sized to suit imperial prop shaft. Cast perfectly round to ensure tight fit with full contact.



Zinc Code	D	aft ia mm	Outer Dia. mm	Overall Length mm	Weight Zinc kg	Mount Screws
191172	3/4	19	54	54	0.58	2
191174	7/8	22.2	54	54	0.50	2
191176	1	25.4	54	54	0.45	2
191178	1 1/8	28.5	54	59	0.48	2
191180	1 1/4	31.7	62	66	0.54	2
191181	1 3/8	34.9	64	66	0.68	2
191182	1 1/2	38.1	70	66	0.74	2
191184	13/4	44.4	83	69	1.06	2
191186	2	50.8	83	73	0.91	2
191188	$2^{1/4}$	57.1	108	96	2.74	4
191190	$2^{1/2}$	63.5	108	96	2.39	4
191192	$2^{3/4}$	69.8	121	92	3.42	4
191194	3	76.2	121	92	2.95	4

Propeller Nut Anodes Assemblies

Replace the standard prop nut with these specially made holder nut and anode assemblies, to control galvanic corrosion at the source. Replacement zinc anodes, held on with a socket head cap screw.





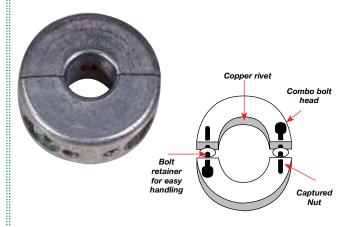
BLA Code		haft Dia	Thread	Weight
	in	mm	UNC	kg
191450	3/4	19.1	1/2"	.21
191452	7/8	22.23	5/8"	.34
191454	1	25.4	3/4"	.63
191458	1 ¹ / ₄	31.7	7/8"	.96
191462	13/8	34.9	1"	1.14
191466	1 1/2	38.1	1 ¹ / ₈ "	1.36

Replacement anodes:

BLA Code	Shaft in	Dimensions mm
191478	3/4	19.1
191482	1	25.4
191484	1 1/4	31.7
191486	13/8	34.9
191488	1 1/2	38.1
191490	1 3/4	44.4
191492	2	50.8

Propeller Shaft Anodes - Thin Series

Manufactured to conform to US mil spec MIL-A-18001 K composition. Extra narrow anodes to suit limited clearance situations such as between shaft skeg/bearing and propeller boss. Stainless steel socket head cap screws and captured nuts as well as copper rivet pin to ensure secure four point contact to greatly reduce the risk of falling off. Sized to suit imperial prop shaft. Available in zinc or cadmium free aluminium versions.



191178 191180			54 62	59 66	0.48 0.54	2 2		nc ode	Alloy Code		aft ia	Outer Dia.	Width	Weight Zinc	Weight Alloy
191181	13/8	34.9	64	66	0.68	2				in	mm	mm	mm	kg	kg
191182	1 1/2	38.1	70	66	0.74	2	19	91195		3/4	19	54	25.4	0.30	
191184	1 3/4	44.4	83	69	1.06	2	19	91196		1	25.4	64	32	0.55	
191186	2	50.8	83	73	0.91	2	19	91197		1 1/8	28.5	64	32	0.50	
191188	2 1/4	57.1	108	96	2.74	4	19	91198	191203	1 1/4	31.7	64	32	0.45	0.30
191190	$2^{1/2}$	63.5	108	96	2.39	4	19	91199	191207	1 1/2	38.1	76	32	0.68	0.26
191192	$2^{3/4}$	69.8	121	92	3.42	4	19	91200	191208	13/4	44.4	89	35	0.90	0.37
191194	3	76.2	121	92	2.95	4	19	91201		2	50.8	89	35	0.91	

Max Prop Nut Anode - Multi-Fit

Replacement anode to fit Max Prop feathering propellers.



BLA Code	Height mm	O/D mm	Fasteners mm	Weight kg
191512	45	67	5	0.52

Mercury®/Mercruiser® Skeg Anode









Zinc Code	Alloy Code	Replaces OEM Part No.
(A) 191212	191213	31640
(B) 191214		46399
(C) 191216		98432-5
(D) 191217		822157

Mercury®/Mercruiser® Type Anodes

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.

Mercury®/Mercruiser® Type Anode - Kits



(B)







Alloy Code	Description
(A) 191233	Alpha 1 Anode Kit
(B) 191236	Bravo 1 Anode Kit
(C) 191237	Bravo 2 & 3 Anode Kit 1989+
191229	Bravo 3 Anode Kit 2004+

Mercury®/Mercruiser® Type Anode - Nut

BLA Code	Replaces OEM Part No.
191222	55989



Mercury®/Mercruiser® Type Anode - Block

BLA	Replaces OEM
Code	Part No.
191225	43994A2 & 821631

Mercury[®]/Mercruiser[®] Type Anode - Plate

BLA Code	Replaces OEM Part No.
	Part No.
191224	34762A1



Mercury®/Mercruiser® Type Anodes

- Round Plate Type

BLA Code	Weight	Replaces OEM
	kg	Part No.
191218 (Zinc)	0.34	76214-5
191219 (Alloy)	0.13	



Mercury[®]/Mercruiser[®] Type Anodes

- Lift Ram



Zinc	Alloy	Replaces OEM
Code	Code	Part No.
(A) 191234 (B) 191235	191251	806189A1 806190



Mercury®/Mercruiser® Type Anode - Bar



Zinc Code	Replaces OEM Part No.
191228	818298

Mercury[®]/Mercruiser[®] Type Anode

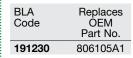
- Wedge Block



Zinc Code	Alloy Code	Replaces OEM Part No.
191408	191409	826134

Mercury®/Mercruiser® Type Anodes

- Bearing Carrier





Mercury®/Mercruiser® Type Anodes - Plate

Zinc Code	Alloy Code	Replaces OEM Part No.
(A) 191238	191257	821629A1
(D) 404000		00100041



Mercury®/Mercruiser® Type Anodes

- Verado Aluminium Kit

Complete Verado anode kit and replacement mount hardware to suit all 4 and 6 cylinder models. Suits brackish and saltwater environments.

BLA Code	Description
S18-6156A	4 Cylinder
S18-6157A	6 Cylinder



Evinrude®/Johnson® and Cobra® Type Anodes

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition.

Evinrude[®]/Johnson[®] and Cobra[®] Type Anodes - Small Outboard



BLA Code	Hole mm	Weight kg	Replaces OEM Part No.
191241	5	0.08	327606
191242	10-24 UNC	0.08	123009

Evinrude®/Johnson® and Cobra® Type Anode - Outboard Cube



BLA Code	Weight kg	Replaces OEM Part No.
101244	0.20	202022/426745/092215

Evinrude[®]/Johnson[®] and Cobra[®] Type Anodes - Suzuki® Type

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition.



BLA	Weight	Replaces OEM
Code	kg	Part No.
191362	0.13	55125-96310

Evinrude[®]/Johnson[®] and Cobra[®] Type Anode - Block



BLA	Weight	Replaces OEM
Code	kg	Part No.
191243	0.32	

Evinrude[®]/Johnson[®] and Cobra[®] Type Anode - Bar



BLA Code	Weight kg	Replaces OEM Part No.
191247	0.77	433580

Evinrude[®]/Johnson[®] and Cobra[®] Type Anode - Type Block



BLA Code	Weight kg	Replaces OEM Part No.
191370	0.08	55320-05310

Evinrude®/Johnson® and Cobra® Type Anode - Type Waffle Bar



BLA	Weight	Replaces OEM
Code	kg	Part No.
191378	0.51	55321-94900

Volvo® Type Anodes

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.

Volvo® Type Anodes - Pencil



BLA Code	Weight kg	Replaces OEM Part No.
(A) 191168	0.14	823661-4
(B) 191170	0.04	838929-8

Volvo® Type Anodes - Bar





Zinc Code	Drive Type	Weight Zinc kg	Replaces OEM Part No.
(A) 191272	200-280	0.91	832598
(B) 191274	290	0.79	852835

Volvo® Type Anode - Gimbal Plate



BLA Code	Weight kg	Replaces OEM Part No.		Code	Zinc kg	Part No.
191280	1.05	3854130	1	91284	1.02	3855411

Volvo® Type Anodes - Drive Leg



Zinc Code	Alloy Code	Drive Type		ight Alloy kg	Replaces OEM Part No.
(A) 191262		270T-280	0.69		875815
(B) 191264		120S & SB Prop	0.55		851983
(C) 191266	191265	290	0.61	0.23	875821-1
(D) 191270		Saildrive	0.92		875812
(E) 191271		Saildrive	1.48		3888305

Volvo® Type Anode - Transom Plate



Zinc Code	Weight Zinc kg	Replaces OEM Part No.
191284	1.02	3855411

Volvo® Type Anodes - Yanmar® Type

Manufactured to conform to US mil spec MIL-A-18001 K composition.







Honda® Type Anodes

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition. Available in zinc or cadmium free aluminium versions.

Honda® Type Anodes - Skeg





BLA Code	Weight kg	Replaces OEM Part No.
(A) 191212	0.45	41107-ZW1-003ZA
(B) 191380	0.27	41107-ZV5-000

Honda® Type Anode - Wedge



BLA	Weight	Replaces OEM
Code	kg	Part No.
191408	0.25	41109-ZW1-003

Honda® Type Anodes - Waffle Bar



Zinc Code	Alloy Code	Weight Zinc kg	Weight Alloy kg	Replaces OEM Part No.
(A) 191400	191401	0.36	0.14	06411-ZV5-000
(B) 191402		0.83		06411-ZW1-003

Honda® Type Anode

- Block

.....<u>i</u>



BLA	Weight	Replaces OEM
Code	kg	Part No.
191346	0.10	41106-935-812

Yamaha® Type Anodes

Drop in replacements for OEM anodes. Manufactured to conform to US mil spec MIL-A-18001 K composition.

Yamaha® Type Anodes - Skeg



Zinc Code	Alloy Code	Weight Zinc kg	Weight Alloy kg	Replaces OEM Part No.
(A) 191302	191303	0.48	0.19	688-45371-02-00
(B) 191304		0.47		6E5-45371-01-00
(C) 191306		0.42		6K1-45371-00-00
(D) 191308	191309	0.50	0.20	6J9-45371-01-00
(E) 191310		0.48		61A-45371-00
(F) 191380		0.27		664-45371-01

Yamaha® Type Anode - Button



BLA	Weight	Replaces OEM
Code	kg	Part No.
191350	0.03	688-45251-01-00

Yamaha® Type Anode - Cav Plate



BLA	Weight	Replaces OEM
Code	kg	Part No.
191320	0.45	61N-45251-01

Yamaha® Type Anode - Handle Bar Anode



Zinc Code	Alloy Code	Weight Zinc kg	Weight Alloy kg	Replaces OEM Part No.
191338	191339	0.91	0.36	6G5-45251-01-00

Yamaha® Type Anode - Waffle Bar



BLA	Weight	Replaces OEM
Code	kg	Part No.
191340	0.47	6H1-45251-02-00

Yamaha® Type Anodes - Block





Code	Zinc kg	Alloy kg	Part No.
91347	0.10	0.04	6E0-45251-11 6E5-45251-00
		kg	kg kg 91347 0.10 0.04

Johnson Cutless® Propeller Shaft Bearings

Johnson Cutless[®] brand propeller shaft bearings are the most recognised water lubricated marine bearing around the world. Designed and manufactured in America, the Johnson Cutless[®] propeller shaft bearing range meets all MIL-DTL-17901C Class II requirements, guaranteeing consistency of dimensions and materials.

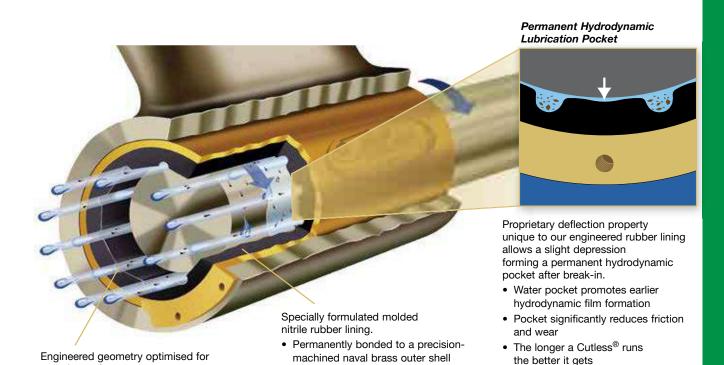
Johnson Cutless® brand propeller shaft bearings are designed and engineered to provide superior performance in the most demanding environments. Every bearing is manufactured with a proprietary formulation of extremely tough chemical and oil resistant nitrile rubber polymer lining, moulded and firmly bonded into a naval brass or non-metallic shell. Full length integral grooves run along the rubber lining which provide maximum water flow for superior lubrication and dissipation of frictional heat.

The formulated rubber polymer possesses excellent characteristics which, with the proper loading, rotational speed and clearances, allows the creation of a micro hydrodynamic lubricating layer between shaft and bearing, even at very low speeds. This 'water wedge' principle completely separates the bearing surface from the propeller shaft, helping to minimise friction and component wear. In addition, the longitudinal grooves draw grit and foreign material away from the shaft which are then expelled in the water flow.

To ensure dimensional accuracy Johnson Cutless[®] brand propeller shaft bearings are manufactured by firstly machining the inside diameter. Each bearing is then inserted onto a mandrill to allow the outside to be turned to the exact specifications resulting in a straight and true correlation between the inside and outside diameters. On completion of the manufacturing process each bearing is tested using plug gauges for accuracy and visually inspected for flaws.

Johnson Cutless® brand propeller shaft bearings come in a wide range of imperial and metric sizes with either a naval brass outer sleeve or non-metallic outer sleeve. Centrifically cast naval brass flanged bearings are also available for strut or aft stern tube, forward stern tube and split type for forward stern tubes to suit shafts up to 15 inch diameter upon request. Johnson offers customising and a range of alternative configurations and outer sleeve materials.





· Resists oil, grease and chemicals

superior performance.

Prevents shaft whip and absorbs vibration

 Flushes abrasives away, preventing scoring of shaft

BLA

· Assures maximum water lubrication

Non-Metallic Sleeve Johnson Cutless[®] Brand Propeller Shaft Bearing

Manufactured with a non-metallic outer sleeve designed for applications where corrosion or electrolysis may be of some concern. The bearing features a dense outer case structure of engineered reinforced thermo plastic for rigidity and fit.

The specially compounded nitrile rubber is securely bonded to the shell with all tolerances maintained to ensure proper lubrication integrity. Johnson employs the highest quality materials that are inherently resistant to all known chemicals, oil and grease to ensure a non-corrosive anti-electrolytic bearing.

Johnson non-metallic Cutless[®] brand propeller shaft bearings have full type approval from the American Bureau of Shipping and are available in imperial and metric sizes for shaft diameter from ³/₄" to 6-¹/₂" (19.05mm to 165.10mm).



Non-Metallic Sleeve Cutless® Bearing - Imperial

Please refer to price and sizing sheet for stocked range. Other sizes available upon request.

BLA Code	Description	Supplier Code	Shaft Diameter In	Outside Diameter In	Length In	Metal Thickness In	Weight kg
190204	Cutless Bearing Babe 1" x 11/4" x 4"	BABE	1	1 ¹ / ₄	4	1/4	0.068
190218	Cutless Bearing Becky 1" x 13/8 x 4"	BECKY	1	1 3/8	6	3/64	0.09
190222	Cutless Bearing Betty 1" x 1½ x 4"	BETTY	1	11/2	4	1/8	0.09
190254	Cutless Bearing Candy Nm 1" x 15/8" x 4"	CANDY	1	15/8	4	1/8	0.114
190262	Cutless Bearng Ceil 11/8" x 11/2" x 41/2"	CEIL	1 1/8	1 ¹ / ₂	41/2	3/64	0.114
190286	Cutless Bearing Deena 11/4" x 11/2" x 5	DEENA	1 1/4	1 ¹ / ₂	5	3/ ₆₄	0.136
190288	Cutless Bearing Della 1¼" x 1¾" x 5"	DELLA	1 1/4	1 3/4	5	1/8	0.159
190298	Cutless Bearing Doris 11/4" x 2" x 5"	DORIS	1 1/4	2	5	1/8	0.227
190302	Cutless Bearng Edna 13/8" x 17/8" x 51/2"	EDNA	13/8	1 ⁷ /8	$5^{1/2}$	1/8	0.205
190304	Cutless Bearing Ellen 13/8" x 2" x 51/2"	ELLEN	13/8	2	$5^{1/2}$	1/8	0.227
190306	Cutless Bearng Elsa 13/8" x 21/8" x 51/2"	ELSA	13/8	21/8	$5^{1/2}$	1/8	0.295
190310	Cutless Bearing Eva 1½" x 2" x 6"	EVA	1 ¹ / ₂	2	6	1/8	0.227
190314	Cutless Bearing Fanny 1½" x 23/8" x 6"	FANNY	11/2	23/8	6	1/8	0.4
190316	Cutless Bearing Glenda 1¾" x 23/8" x 7"	GLENDA	13/4	23/8	7	1/8	0.386
190318	Cutless Bearing Gloria 1¾" x 25/8" x 7"	GLORIA	1 3/ ₄	25/8	7	1/8	0.455
190320	Cutless Bearng Gwen 17/8" x 25/8" x 71/2"	GWEN	1 7/8	25/8	$7^{1/2}$	1/8	0.455
190322	Cutless Bearing Hazel 2" x 25/8" x 8"	HAZEL	2	25/8	8	1/8	0.455
190324	Cutless Bearing Helen 2" x 3" x 8"	HELEN	2	3	8	1/8	0.705
190326	Cutless Bearing Inez 21/4" x 215/16" x 9"	INEZ	21/4	3	9	1/8	0.636
190328	Cutless Bearing Ingrid 21/4" x 31/8 x 9"	INGRID	21/4	31/8	9	1/8	0.841
190330	Cutless Bearing Irene 21/4" x 33/8" x 9"	IRENE	21/4	33/8	9	1/8	1
190332	Cutless Bearing Iris 21/4" x 3" x 9"	IRIS	21/4	3	9	1/8	0.682
190334	Cutless Bearg Jenny 23/8" x 33/8" x 91/2"	JENNY	23/8	33/8	91/2	1/8	0.977
190336	Cutless Bearing Joan 2½" x 31/8" x 10"	JOAN	21/2	31/8	10	1/8	0.659
190338	Cutless Bearing Josie 2½" x 33/8" x 10"	JOSIE	$2^{1/2}$	33/8	10	1/8	0.795
190340	Cutless Bearng Joyce 25/8" x 33/8" x 101/2"	JOYCE	25/8	33/8	101/2	1/8	0.841
190342	Cutless Bearing June 2¾" x 33/8" x 11"	JUNE	23/4	33/8	11	1/8	0.795
190346	Cutless Bearing Kathy 2¾" x 3¾" x 11"	KATHY	23/4	33/4	11	1/8	1.205
190348	Cutless Bearing Kim 3" x 3%" x 12"	KIM	3	33/4	12	1/8	1.09
190350	Cutless Bearing Laura 3" x 4" x 12"	LAURA	3	4	12	1/8	1.364
190352	Cutless Bearing Mandy 3½" x 4¼" x 14"	MANDY	31/2	41/4	14	1/8	1.77
190354	Cutless Bearing Marie 3½" x 4½" x 14"	MARIE	31/2	41/2	14	1/8	1.82
190356	Cutless Bearing Nancy 3¾" x 5" x 15"	NANCY	33/4	5	15	3/16	2.66
190358	Cutless Bearing Neva 3¾" x 5¼" x 15"	NEVA	33/4	51/4	15	3/16	3.25
190360	Cutless Bearing Olga 4" x 5" x 16"	OLGA	4	5	16	3/16	2.16
190362	Cutless Bearing Olive 4" x 51/4" x 16"	OLIVE	4	51/4	16	3/16	2.91
190364	Cutless Bearing Zelda 6" x 7½" x 24"	ZELDA	6	$7^{1/2}$	24	1/4	7.27

Non-Metallic Sleeve Cutless® Bearing - Metric

BLA Code	Description	Supplier Code	Shaft Diameter	Outside Diameter	Length	Metal Thickness	Weight
			mm	mm	mm	mm	kg
190400	Cutless Bearing NM 870 25 x 40 x 100mm	870255700	25	40	100	2.54	0.1
190404	Cutless Bearing NM 870 30 x 45 x 120mm	870305700	30	45	120	3.07	0.2
190406	Cutless Bearing NM 870 32 x 45 x 128mm	870325700	32	45	128	3.07	0.2
190408	Cutless Bearing NM 870 35 x 50 x 140mm	870355700	35	50	140	3.07	0.2
190412	Cutless Bearing NM 870 40 x 55 x 160mm	870405700	40	55	160	3.07	0.3
190418	Cutless Bearing NM 870 50 x 70 x 200mm	870505700	50	70	200	3.25	0.5
190420	Cutless Bearing NM 870 75 x 95 x 300mm	870755700	75	95	300	3.05	1.1
190424	Cutless Bearing NM 870 90 x 110 x 360mm	870905700	90	110	360	4.76	1.5
190426	Cutless Bearing NM 871 100 x 125 x 400mm	871005700	100	125	400	3.76	2.1
190428	Cutless Bearing NM 871 105 x 130 x 420mm	871055700	105	130	420	4.51	2.4
190430	Cutless Bearing NM 871 120 x 155 x 480mm	871205700	120	155	480	6.06	3.9

Naval Brass Sleeve Johnson Cutless® Brand Propeller Shaft Bearing

Manufactured with a tough naval brass outer sleeve these bearings are designed for common use in strut and stern tube mounts and can be used effectively as rudder-stock and pintle bushings. The external brass shell is machined and polished to provide easy fitting while the bearing diameters are precision machined to

the designated shaft size with the correct clearance for efficient water lubrication. The specially compounded nitrile rubber is securely bonded to the shell with all tolerances maintained to ensure proper lubrication integrity. Johnson employs the highest quality materials that are inherently resistant to all known chemicals, oil and grease to ensure a non-corrosive anti-electrolytic bearing. Sleeve bearings are usually installed by light press-fitting and locked in place with cone-pointed set screws.

The naval brass cutless bearing have full type approval from the American Bureau of Shipping and are available in either imperial or metric sizes with custom diameter available upon request. Designed for shaft sizes from $^{3}/_{4}$ " to $6^{-1}/_{2}$ " (19.05mm to 165.10mm).



Naval brass outer sleeve available in imperial and metric sizes

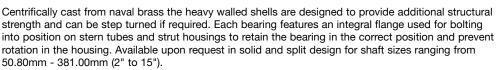
Naval Brass Sleeve Cutless® Bearing - Imperial

BLA Code	Description	Supplier Code	Shaft Diameter In	Outside Diameter In	Length In	Metal Thickness In	Weight kg
190200	Cutless Bearing Able ¾" x 1¼" x 3" Bs	ABLE	3/4	11/4	3	1/8	0.23
190202	Cutless Barng Apex 7/8" x 13/8" x 31/2" Bs	APEX	7/8	13/8	3.5	1/8	0.34
190206	Cutless Bearing Back 1" x 11/4" x 4" Bs	BACK	1	11/4	4	3/64	0.23
190208	Cutless Bearing Bade 1" x 11/4" x 6" Bs	BADE	1	11/4	6	1/16	0.31
190210	Cutless Bearing Bait 1" x 13/8" x 4" Bs	BAIT	1	13/8	4	1/16	0.23
190212	Cutless Bearing Bale 1" x 1½" x 4" Bs	BALE	1	11/2	4	1/8	0.34
190214	Cutless Bearing Band 1" x 15/8" x 4" Bs	BAND	1	1 5/8	4	1/8	0.45
190216	Cutless Bearing Base 1" x 2" x 4" Bs	BASE	1	2	4	1/8	0.57
190220	Cutless Brg Belt 11/8" x 15/8" x 41/2" Bs	BELT	1 ¹ /8	1 5/8	4.5	1/8	0.45
190224	Cutless Bearing Bind 11/4" x 11/2" x 5" Bs	BIND	11/4	11/2	5	1/8	0.23
190226	Cutless Bearing Bird 11/4" x 13/4" x 5" Bs	BIRD	11/4	13/4	5	1/8	0.57
190228	Cutless Bearing Bite 11/4" x 2" x 5" Bs	BITE	11/4	2	5	1/8	0.68
190230	Cutless Bearing Blow 11/4" x 21/8" x 5" Bs	BLOW	11/4	21/8	5	1/8	0.79
190232	Cutless Brg Boat 13/8" x 17/8" x 51/2" Bs	BOAT	13/8	1 7/8	5.5	1/8	0.68
190234	Cutless Bearing Bold 13/8" x 2" x 51/2" Bs	BOLD	13/8	2	5.5	1/8	0.68
190236	Cutless Bearing Boss 1½" x 2" x 6" Bs	BOSS	11/2	2	6	1/8	0.79
190238	Cutless Bearng Brad 11/2" x 23/8" x 6" Bs	BRAD	11/2	23/8	6	1/8	1.02
190240	Cutless Brg Brew 15/8" x 21/8" x 61/2" Bs	BREW	1 5/8	21/8	6.5	1/8	0.91
190242	Cutless Bearing Brow 1¾" x 23/8" x 7" Bs	BROW	13/4	23/8	7	1/8	1.14
190244	Cutless Bearing Buck 1¾" x 25/8" x 7" Bs	BUCK	13/4	25/8	7	1/8	1.25
190246	Cutless Bearing Call 2" x 25/8" x 8" Bs	CALL	2	25/8	8	1/8	1.36
190248	Cutless Bearing Calm 2" x 3" x 8" Bs	CALM	2	3	8	1/8	1.82
190250	Cutless Br Came 21/8" x 215/16" x 81/2" Bs	CAME	21/8	3	8.5	1/8	1.36
190252	Cutless Bearing Camp 2" x 2¾" x 8" Bs	CAMP	2	23/4	8	1/8	1.59
190256	Cutless Bearing Card 21/4" x 3" x 9" Bs	CARD	21/4	3	9	1/8	1.89
190258	Cutless Berng Care 21/4" x 215/16" x 9" Bs	CARE	21/4	3	9	1/8	1.48
190260	Cutless Bearing Cart 21/4" x 31/8" x 9" Bs	CART	21/4	$3^{1/8}$	9	1/8	1.93
190264	Cutless Bearng Cord 2½" x 31/8" x 10" Bs	CORD	21/2	31/8	10	1/8	2.05
190266	Cutless Bearng Cork 2½" x 3¼" x 10" Bs	CORK	$2^{1/2}$	31/4	10	¹ / ₁₆	1.4
190268	Cutless Bearng Corn 2½" x 33/8" x 10" Bs	CORN	21/2	33/8	10	1/8	2.5
190270	Cutless Bearng Cove 2½" x 3½" x 10" Bs	COVE	21/2	31/2	10	5/32	0
190272	Cutless Bearng Crow 2¾" x 3³/8" x 11" Bs	CROW	23/4	33/8	11	1/8	2.5
190274	Cutless Bearng Cube 2¾" x 3½" x 11" Bs	CUBE	23/4	31/2	11	5/32	2.5
190276	Cutless Bearng Curd 2¾" x 3¾" x 11" Bs	CURD	23/4	33/4	11	1/8	3.07
190278	Cutless Brg Cure 27/8" x 3¾" x 11½" Bs	CURE	27/8	33/4	11.5	1/8	3.3
190280	Cutless Bearing Dane 3" x 3¾" x 12" Bs	DANE	3	33/4	12	1/8	3.18
190282	Cutless Bearing Dare 3" x 4" x 12" Bs	DARE	3	4	12	1/8	3.64
190284	Cutless Bearing Darn 31/4" x 4" x 13" Bs	DARN	31/4	4	13	1/8	3.64
190290	Cutless Berng Dine 3½" x 4½" x 14" Bs	DINE	31/2	41/4	14	1/8	4.2
190292	Cutless Bearng Dock 3½" x 4½" x 14" Bs	DOCK	3 ¹ / ₂	41/2	14 14 5	1/ ₈	4.77 4.66
190294	Cutless Brg Dole 35/8" x 41/2" x 14½" Bs	DOLE	3 ⁵ / ₈	41/2	14.5	1/ ₈	4.66
190296	Cutless Berng Done 3¾" x 4½" x 15" Bs	DONE	3 ³ / ₄	4 ¹ / ₂	15 16	1/ ₈	4.77 7.05
190300 190308	Cutless Bearing Earn 4" x 5" x 16" Bs	EARN EPIC	4 4 ¹ / ₂	5 5 ¹ / ₂	16 18	^{3/} 16 ^{3/} 16	7.95
	Cutless Berng Epic 4½" x 5½" x 18" Bs				18		10.11
190309	Cutless Bearing Edge 4½" x 5¾" x 18" Bs	EDGE	4 ¹ / ₂	5 ³ / ₄		³ / ₁₆	10.8
190312	Cutless Bearing Face 5" x 61/8" x 20" Bs	FACE	5	61/8	20	1/4	18.98

Naval Brass Sleeve Cutless® Bearing - Metric

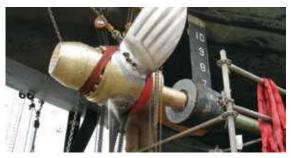
BLA Code	Description	Supplier Code	Shaft Diameter mm	Outside Diameter mm	Length mm	Metal Thickness mm	Weight kg
190402	Cutless Bearing Br 870 30 x 45 x 120mm Bs	870304100	30	45	120	3.07	0.5
190410	Cutless Bearing Br 870 40 x 55 x 160mm Bs	870404100	40	55	160	3.07	8.0
190414	Cutless Bearing Br 870 45 x 65 x 180mm Bs	870454100	45	65	180	3.3	1.3
190416	Cutless Bearing Br 870 50 x 70 x 200mm Bs	870504100	50	70	200	3.26	1.4
190422	Cutless Bearing Br 870 80 x 100 x 320mm Bs	870804100	80	100	320	3.17	3.5

Strut or Stern Tube Flanged Johnson Cutless® Brand Propeller Shaft Bearing

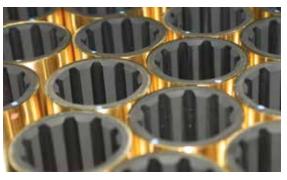




In addition, Johnson also have available flanged bearings for solid bolting to forward stern tube stuffing boxes. Featuring the same heavy duty cast shell these bearings have a machined male pilot on the integral flange which mates with the female recess of the stuffing box. Available upon request in one piece or split design for shaft sizes ranging from 50.80mm - 381.00mm, (2" to 15"). Call BLA on 1300 252 725 for more information.











Bow Roller - Chrome Brass

Heavy duty cast brass construction. Triangular base with raised side plates for extra anchoring security in rough conditions. No retaining pin.



BLA Code	Overall Length	Width	Height	Roller Width	Mount Screws
	mm	mm	mm	mm	mm
192052	140	70	60	25	6 c/s

Bow Rollers With Pin - Chrome Brass

Heavy duty cast brass construction with marine grade chrome plating. Spring loaded quick release pin to retain anchor warp.



BLA Code	Overall Length	Width	Height	Roller Width	Mount Screws
	mm	mm	mm	mm	mm
192060	135	70	60	25	6 c/s
192064	250	105	80	39	6 c/s

Marine Town® Bow Rollers



- Stainless Steel

One piece pressed, heavy gauge, 316 grade stainless steel housing. Black delrin roller. Spring loaded, quick release captive pin to retain anchor and warp.



BLA Code	Overall Length	Mount Base	Height	Roller Width	Mount Screws
	mm	mm	mm	mm	mm
192086	197	97 x 57	73	48	6 c/s
192088	225	125 x 57	73	48	6 c/s

Marine Town® Captured Anchor **Rollers** - Stainless Steel

Heavy duty pressed 316 grade stainless steel construction, electro-polished finish. Non-corrosive large diameter black delrin roller. Saddle strap to retain anchor and warp.



BLA Code	Overall Length	Width	Height	Roller Width	Mount Screws
	mm	mm	mm	mm	mm
192100	390	85	50	45	10 r/h
192102	458	130	80	77	10 r/h
192104	505	100	70	60	10 r/h
192106	589	135	50	86	10 r/h

Marine Town® Bow Roller

- Nautilus Manta Cast Stainless Steel

Heavy duty cast 316 grade stainless steel single piece bow roller with arched nose, two rollers, bail and tabs specifically designed to accept 146232 Nautilus Manta anchor. Also suits other anchors. Securely stores and automatically deploys the anchor. Spring loaded, quick release captive pin to retain anchor and warp.



BLA Code	Overall Length	Flat Mount	Width	Accepts	Mount Bolts	
	mm	Length	mm		mm	
192110	449	260	55	146232	10 c/s	

Marine Town® Hinged Bow Rollers



- Stainless Steel

Marine Town

Formed from heavy gauge 316 grade stainless steel. Double roller and hinged nose section designed to securely store, as well as automatically deploy the anchor. Spring loaded, quick release captive pin to retain anchor and warp.



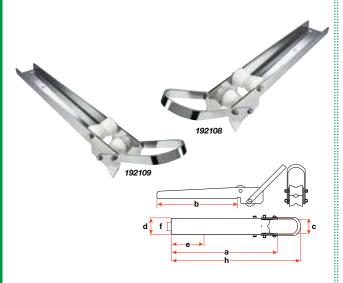


BLA Code	Overall Length mm	Mount Base mm	Height mm	Roller Width mm	Mount Screws mm
192094	327	96 x 57	110	48	6 c/s
192096	355	125 x 57	110	48	6 c/s

Lewmar® Bow Rollers

- Stainless Steel

Provides a friction free surface that makes it easier to lower and raise anchor without damaging the deck or topsides. Also provides safe stowage for the anchor while under way and ready for deployment at short notice.



	BLA Code	Weight	t Delta & DTX Anchor Type		b	С	d	е	f	g
		kg	kg	mm	mm	mm	mm	mm	mm	mm
ĺ	192108	3.6	7/10/16	495	376	67	80	153	38	602
	192109	4.5	7/10/16	597	478	67	80	153	38	704

For suitable anchors, refer to section 14..

Marine Town® Split Bollards



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel construction. Passivated and highly polished. The slotted centre shaft simply and effectively secures the anchor chain. For additional security both sizes are available with a quick release pin. Suitable for regular or long link chain.



BLA Code	Chain Size	Captive Pin	Height	Base	Mount Screws
	mm		mm	mm	mm
192114	8-10	no	84	62 x 62	6 c/s
192116	8-10	yes	84	62 x 62	6 c/s
100110	10 10	1/00	116	06 7 06	6 0/0

Lewmar® Chain Stoppers

- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel chain stopper designed to hold high loads while boat is at anchor. Simple lever swing arm operation for chain lock or free travel position.



BLA Code	Suit Chain	Overall Length	Width	Height	Mount Bolts
	mm	mm	mm	mm	mm
192152	8	110	65	79	10 c/s
192154	10	110	65	79	10 c/s

Marine Town® Horn Bollard



- Cast Stainless Steel

Heavy duty mooring bollard with solid base. High polished 316 grade cast stainless steel construction.



BLA Code	Length	Width	Height	Mount Screws
	mm	mm	mm	mm
192146	300	73	81	6 c/s

Cross Bollards

- Cast Alloy

Inexpensive non polished die-cast alloy construction. Suitable as a weld on fitting for aluminium boat manufacturers.



BLA Code	Shaft	Height	Base Dia.
	mm	mm	mm
192142	20	83	55 x 58

192114

Marine Town® Oval Hawse Hole



- Cast Stainless Steel

Highly polished investment cast 316 grade stainless steel. Internal mount studs for no visible fastenings. Presents a contemporary clean appearance. Solid construction to handle anchor well use, or through deck/bulwark installation to lead mooring lines.



BLA Code	Outside	Throat Dia.	Intrusion	Protrusion	Mount Studs
	mm	mm	mm	mm	mm
192148	138 x 63	90 x 35	20	6	6
192149	145 x 97	100 x 50	25	7	6

Triangular Hawse Hole

- Cast Stainless Steel

Heavy walled investment cast 316 grade stainless steel. Designed for corner mounting rope lead application.



BLA Code	Length	Width	Intrusion	Flange	Mount Screws
	mm	mm	mm	mm	mm
192158	206	124	43	25	5 c/s

Marine Town® Oval Hawse Hole



- Stainless Steel

Stainless steel chain pipe with lid. Lid is permanently attached with security chain. Stainless steel hook in lid fits into the anchor chain to hold lid down.



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BLA Code	Length	Width	Height	Throat Dim.	Mount Screws
	mm	mm	mm	mm	mm
192160	160	115	34	105 x 52	6 c/s

Marine Town® Drop Down Cleats



- Cast Stainless Steel

Highly polished investment cast 316 grade stainless steel. Stows flat for flush styling and to prevent catching. Anti-rattle, holds firm in up or down position. Simple and fast two hole installation.



BLA Code	LOA	Width	Intrusion	Protrusion Stowed	Mount Holes
	mm	mm	mm	mm	mm
192169	110	32	50	10	19
192172	152	39	65	12	22
192174	207	43	78	14	25

Attwood Flush Horn Cleats



- Cast Stainless Steel

Cast 316 grade stainless steel construction, flush mount, pull up - push down, horn cleats. Adjustable movement friction, ensures that cleats remain firmly in the up or down position. Supplied with mounting studs, nuts, washers and backing plate to suit 12mm to 50mm thick decks.



BLA Code	LOA mm	Width mm	Intrusion mm	Protrusion mm	Studs mm
192192	135	52	70	30	6
192194	175	60	70	38	8

Marine Town® Foldaway Cleat



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel low profile fold away cleats. Designed to be folded when not in use to create an extremely smooth non-obstructing deck fitting with low profile appearance.

Features indented finger lift for easy retrieval, simply push to fold away. When the cast cleat profile is raised it creates a traditional strong mooring cleat.





BLA Code	Length	Width	Height Closed	Height Open	Mount Holes
	mm	mm	mm	mm	
192260	155	54	13.5	47	8 c/s
192262	202	72	15	62	10 c/s

Marine Town® Foldaway Cleat



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel low profile fold away cleat. Features indented finger lift for easy retrieval, simply push to fold away. When raised it creates a traditional strong mooring cleat. Supplied with mount bolts.



BLA Code	Length	Width	Height Closed		Stud Size
	mm	mm	mm	mm	
192263	155	54	13.5	48	m8 x 50mm

Marine Town® X-Folding Cleats



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel low profile folding cleats. Designed to be folded when not in use to prevent accidental catching of lines. Simple lift action to raise to open to create a strong tie off point.



BLA Code	Length	Width		Height Open	Mount Studs
	mm	mm	mm	mm	mm
192266	153	54	22	40	50
192268	203	72	29	54	55

Arched Horn Cleat - Cast Stainless Steel

Minimalist sleek styling with concealed fastenings. Highly polished investment cast 316 grade stainless steel. Includes mounting plate and studs.



BLA	Length	Width	Height	Mount
Code	mm	mm	mm	Studs
192200	150	21	28	M5

Slimline Horn Cleats - Cast Stainless Steel

Highly polished cast stainless steel. Open base. Smooth, slimline, rounded design.



BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192201	100	38	27	5 c/s
192203	120	40	24	5 c/s
192202	155	43	31	5 c/s
192204	200	52	39	6 c/s
192206	250	70	47	8 c/s
192208	300	70	56	8 c/s

Mooring Cleats - Cast Stainless Steel

Heavy duty cast 316 grade stainless steel construction. Large open base for ease of line handling.



BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192209	95	35	22	5 c/s
192211	120	45	27	5 c/s
192210	145	52	30	5 c/s
192212	190	60	38	8 c/s
192214	240	72	44	8 c/s

Horn Cleats - Cast Stainless Steel

Heavy duty cast 316 grade stainless steel construction. Open base design. 3/8" UNC threaded mount studs supplied.



BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192218	240	30	45	70
192220	300	31	61	70

Horn Cleats - Cast Alloy

Hand polished cast alloy construction. Radiused corners to minimise chafing of mooring and anchor ropes. Solid base.



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BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192223	150	28	35	6 c/s
192225	200	31	40	6 c/s

Marine Town

Hand polished cast alloy construction. Radiused corners to

Manufactured from cast stainless steel. Fitted with a black

Horn Cleat - Cast Stainless Steel Open

plastic base offering a professional look for all craft.

BLA	Length	Width	Height	Mount Screws mm
Code	mm	mm	mm	
192190	153	35	34	6 c/s

Horn Cleats - Cast Aluminium

Plain finish cast aluminium horn cleats. Through bolted.



BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192242	150	23	35	6 c/s
192243	200	27	47	6 c/s
192244	245	29	56	8 c/s

Mooring Cleats - Cast Alloy

minimise chafing of mooring and anchor ropes. Open base.

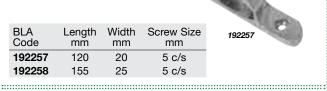


BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192233	203	63	46	6 c/s
192235	250	70	53	6 c/s
192237	302	86	59	8 c/s
192239	350	102	77	10 c/s

Marine Town® Fairleads

- Cast Stainless Steel

Solid investment cast stainless steel fairleads, polished to a near chrome finish. Sold as a pair, one port and one starboard.



Horn Cleats - Nylon



			192180	
BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192180	78	12	19	3 c/s
192182	100	15	21	4 c/s
192184	130	18	27	5 c/s
192186	167	21	32	5 c/s
192188	205	25	36	6 c/s

Gunwale Caps - Stainless Steel

Stainless steel gunwale caps to suit gunwale rubber. 4mm counter sunk mount holes.





BLA Code	Length	Width External	Width Internal	Height
	mm	mm	mm	mm
(A) 192283	96	41	34	29
(A) 192285	96	52	43	35
(B) 192289	96 x 96	41	34	29
(B) 192291	90 x 90	48	39	35

Bull Horn Cleats - Stainless Steel

316 grade stainless steel for durability. An economical basic cleat for tying off lanyards, flag halyards, and similar.



BLA Code	Length mm	Width mm	Height mm	Mount Screws mm
192250	68	11	12	4 r/h
192251	114	14	21	5 r/h

Marine Town® Folding Pad **Eyes** - Cast Stainless Steel

Folding pad eyes with friction hinged, non-rattle, tie off eyes. Low profile, non obtrusive design with heavy duty cast stainless steel base.

BLA Code	Description	SWL	Length	Width	Height Closed	Height Open	Mount Holes
		kg	mm	mm	mm	mm	
192276	Single eye	600	70	60	9	48	6 c/s
192278	Double eye	900	100	60	9	48	6 c/s





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Deck Fillers - Nylon

Black nylon deck filler. Finger grip cap with 'O' ring creates an umbrella cover over base to prevent contaminant entering. Security chain to prevent cap falling overboard. Caps marked 'Fuel' or 'Water'.



BLA Code	Cap ID	Hose Size		Protrusion	Intrusion	Cap Dia.	Mount Screws
		mm	in	mm	mm	mm	mm
192322	Fuel	38	1 1/2	18	67	90	5 c/s
192324	Water	38	1 1/2	18	67	90	5 c/s
192326	Fuel	50	2	19	67	90	5 c/s
192328	Water	50	2	19	67	90	5 c/s

Perko® Deck Filler

Chrome plated zinc alloy base fitted with black plastic mount flange with raised lip and cap with securing strap. Cap flange has "gas" identification.



BLA Code	Hose Size	Protrusion	Intrusion	Mount Screws
	mm	mm	mm	mm
192359	38	14	67	5 c/s

Marine Town® Pop Up Deck Fillers



- Cast Stainless Steel

Flush mount, 316 grade cast stainless steel deck fillers. Unique pop top cap. Depress and rotate inner cap to unlock the pop up knurled grip for opening. Also incorporates recess to accept deck filler key. Features coarse thread, 'O' ring seal, retaining wire (excluding 192311, 192315) as well as CE icon style identification. 192311 and 192315 waste fittings accept camlock pump out adaptors, refer page 291.



					BLA Code	Type		ose Size	Angle	Flange	Protr.	Intr.	Mount Screws			
										mn	n in		mm	mm	mm	mm
								192308	Diesel	38	1 1/2	90°	75	6	75	5 c/s
								192309	Water	38	1 1/2	90°	75	6	75	5 c/s
								192310	Fuel	38	1 1/2	90°	75	6	75	5 c/s
								192311	Waste	38	1 1/2	90°	75	6	75	5 c/s
								192312	Diesel	50	2	90°	84	7	75	5 c/s
BLA	Cap	Ho	se	Protrusion	Intrusion	Cap	Mount	192313	Water	50	2	90°	84	7	75	5 c/s
Code	ID	Siz				Dia.	Screws	192314	Fuel	50	2	90°	84	7	75	5 c/s
		mm	in	mm	mm	mm	mm	192315	Waste	50	2	90°	84	7	75	5 c/s
192322	Fuel	38	1 1/2	18	67	90	5 c/s	192317	Water	38	1 1/2	30°	75	6	90	5 c/s
192324	Water	38	1 1/2	18	67	90	5 c/s	192318	Fuel	38	1 1/2	30°	75	6	90	5 c/s
192326	Fuel	50	2	19	67	90	5 c/s	192320	Diesel	50	2	30°	84	7	102	5 c/s
192328	Water	50	2	19	67	90	5 c/s	192321	Fuel	50	2	30°	84	7	125	5 c/s
			:::::::													

Marine Town® Deck Fillers



- Cast Stainless Steel

PERKO®

USA :

Flush mounted, investment cast, 316 grade stainless steel deck fillers. Features coarse thread for less chance of cross threading, rubber 'O' ring seal, cap retaining wire (excluding 192335) and finger key for ease of opening. Colour coded international symbol identification to meet CE requirements. 192335 waste fitting accepts Camlock pump out adaptor, refer page 291. 76mm diameter flange.



BLA Code	Туре		se ze i in	Protrusion mm	Intrusion mm	Mount Screws mm
192330	Diesel	38	1 1/2	9	76	5 c/s
192332	Water	38	1 1/2	9	76	5 c/s
192334	Fuel	38	1 1/2	9	76	5 c/s
192335	Waste	38	1 1/2	9	76	5 c/s
192336	Diesel	50	2	9	76	5 c/s
192338	Water	50	2	9	76	5 c/s
192340	Fuel	50	2	9	76	5 c/s

Marine Town® Vented Deck Filler





- Stalon

Designed primarily for aluminium boats where the gunwale extrusion and cockpit extrusion protrude above the deck, creating a water drain path where fuel deck fillers are required to be installed. The raised neck sits 22mm above deck level,

well above water run. Nylon body in contact with aluminium deck to prevent electrolysis, stainless steel cover cap for an all stainless steel appearance. Fuel and breather hose can be fitted prior to installation of filler to deck. Features include spring wire retainer to cap, breather connection and international symbol identification. Cap diameter 80mm.



PERKO®

USA :

BLA Code	Fuel Hose	Breather Protrusio Hose		Intrusion	Mount Screws
	mm	mm	mm	mm	mm
192366	38	16	28	105	4 c/s

Deck Fillers - Stainless Steel

Flush mount, lost wax cast, 316 grade stainless steel deck fillers. Unique flip-up key ensures ease of removal at all times. Features coarse thread, 'O' ring seal, retaining chain and filler type identification moulded into the lid.



BLA Code	Туре	Hose Size mm	Flange mm	Protrusion mm	Intrusion mm	Mount Screws mm
192350	Diesel	38	75	6	75	4 c/s
192351	Water	38	75	6	75	4 c/s
192352	Fuel	38	75	6	75	4 c/s
192353	Waste	38	75	6	75	4 c/s
192354	Diesel	50	81	4	95	4 c/s
192355	Water	50	81	4	95	4 c/s
192356	Fuel	50	81	4	95	4 c/s

Perko® Vented Deck Fillers

- Plastic

Flip top cap that cannot be lost overboard. Integral tank vent with flame arrestor. U.V. stabilised injection moulded plastic with 'gas' identification. 110 x 73mm base.





	BLA Code	Colour	Fuel Hose	Vent Hose	Protrusion	Intrusion	Mount Screws	
			mm	mm	mm	mm	mm	
	401958	Black	38	16	20	65	4 c/s	
	401959	White	38	16	20	65	4 c/s	
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Perko® Vented Deck Fillers - Nylon

Nylon twist cap with black plastic body. Integral tank vent incorporates flame arrestor and anti-surge valve. Deck filler key included. Cap has moulded in 'gas' identification. Available in 90° or 35° fill neck configuration. 85mm diameter flange.



BLA Code	Colour	Angle	Fuel Hose	Vent Hose	Protrusion	Intrusion
			mm	mm	mm	mm
401960	Black	90°	38	16	13	76
401962	White	90°	38	16	13	76
192368	Chrome	90°	38	16	8	76
401966	Black	35°	38	16	11	85
401968	White	35°	38	16	11	85

Standard Inclusions:

401969 Black spacer to raise filler 10mm

Drain Plug - Light Duty

Light duty cast alloy construction. Three point thread. Supplied with 'O' ring seal. Thread requires lubrication after installation.

N.B. Not for use in commercial applications.



BLA Code	Base Dia. mm	Bung Dia. mm	Cut Out Dia. mm	Base Intrusion mm
192402	73	35	50	10

Spare Parts:

192404 Replacement bung & 'O' ring



Drain Plug - Heavy Duty

Heavy Duty marine grade hand cast AA 601 Aluminium construction. Suitable for welding and commercial applications available with Aluminium or acetal plug. Thread requires lubrication after installation.



BLA Code	Description	Base Dia. mm	Bung Dia. mm	Cut Out Dia. mm	Base Intrusion mm
192400	Alloy	73	38	51	11
192401	Black Acetal	73	38	51	11
192403	Alloy	93	58	75	11
192405	White Acetal	93	58	75	11

Spare Parts:

192407	Bung 'O' ring cast alloy t/s 192400
192409	Bung 'O' ring acetal t/s 192401
192410	Bung 'O' ring cast alloy t/s 192403
192411	Bung 'O' ring acetal t/s 192405

BLA Drain Plug - Plastic

Moulded black plastic base and bung. Coarse four point thread. Bung retainer to prevent loss.





BLA Code	Base Size mm	Bung Dia. mm	Cut Out Dia. mm	Base Intrusion mm	Mount Screws mm
192412	52 x 35	18	25	9	5 c/s

Spare Parts:

192414 Replacement bung and washer 192413 Replacement bungs only, box of 80

BLA Large Diameter Drain Plug

- Chrome Brass

Chrome brass body with a black nylon bung featuring a retainer to prevent loss, rubber seal, large grip for ease of opening and coarse four point thread to cope with sand and sediments.





192440

BLA Code	Base Size mm	Bung Dia. mm	Cut Out Dia. mm	Base Intrusion mm	Mount Screws mm
192440	68 x 49	31	38	9	4 c/s

Spare Parts:

192444 Replacement bung and washer 192443 Replacement bungs only, box of 25

Rubber Bungs

Tapered rubber bungs for use in dinghies. Sold in packs of 25.





BLA Code	Size No.	Small Dia.	Large Dia.	Length
		mm	mm	mm
192462	3	11	14.5	22
192463	4	13	15.6	24.1
192464	5	13.2	16.1	25
192466	6	15.3	18.2	25
192468	7	16	19.3	26
192470	8	17.5	21.6	32.5
192472	9	18.6	22.7	35.5

Drain Plug - Chrome Brass

Chrome plated brass base. Black nylon bung features a retainer to prevent accidental loss. Coarse four point thread to cope with sand and sediments.



BLA Code	Base Size	Bung Dia.	Cut Out Dia.	Base Intrusion	Mount Screws
	mm	mm	mm	mm	mm
192406	51 x 35	18	25	9	5 c/s

Spare Parts:

192408 Replacement bung & 'O' ring

Fine Thread Bung - Plastic

Plastic bung and washer, replaces fine three point, 18mm threaded bungs.



BLA Code

192415

Large Diameter Drain Plugs - Plastic

Black, plastic drain plug. Flat flange base for mounting as low as possible on the hull. 'O' ring seal, course four point thread to cope with sand and sediments.

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BLA Code	Base Size mm	Bung Dia. mm	Cut Out Dia. mm	Mount Screws mm
192450	65 x 50	30	40	4 r/h
192456	66 x 58	31	40	4 r/h

Spare Parts:

192454 Replacement bung for 192450 192444 Replacement bung for 192456

Large Diameter Drain Plugs - Plastic

Moulded plastic construction, designed for quick efficient drainage. 'O' ring seal. Coarse four point thread to cope with



BLA Code	Colour	Base Size mm	Bung Dia. mm	Cut Out mm	Base Intrusion mm	Mount Screws mm
192422		69 x 49	31	38	9	4 r/h
192442	Black	69 x 49	31	38	9	4 r/h

Spare Parts:

192430 White replacement bung for 192422 192444 Black replacement bung for 192442



Marine Town® Scupper - Stalon

30% glass filled nylon 66 body with stamped 316 grade stainless steel face. Combines the look of

stainless steel with the cost and weight saving of nylon. Ideal for alloy boats as there is no contact between the stainless steel face and alloy hull. One way check valve is manufactured from PVC for years of trouble free operation.



BLA Code	Hose Size	Max Hull Thickness		Face Dia.	Mount Hole
	mm	mm	mm	mm	mm
192476	38	44	133	82	56

N.B. Not intended for permanent immersion

Scuppers - Cast Aluminium

Cast alloy, plain finish scuppers that allow high volume of water transfer for self draining

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decks, cockpits and similar. Surface mount. Screw on or weld onto alloy boats. Retrieval attachment point fitted. Stainless steel tension spring mechanism locks in open as well as closed position.



BLA Code	Outer Dimensions mm	Inner Dimensions mm
192488	170 x 115	110 x 60
192490	235 x 145	175 x 86

N.B. Not intended for permanent immersion

Thru Transom Scupper

Designed for installation with self-draining cockpits or for bilge pump out. The rubber flapper opens to dump water out and closes to prevent backwash.

Tough acetyl construction. White in colour.



BLA Code	Hose Size mm	Max Hull Thickness mm	Overall Length mm	Flange Dia. mm	Mount Hole mm
138812	38	78	152	72	46

N.B. Not intended for permanent immersion

Scupper Valve

One way water exit for boats with self draining cockpits. Scupper mounts over flush drains above the waterline. The rubber flapper opens to dump water out and closes with water pressure to prevent backwash. Durable acetal mount flange.



BLA Code			Mount Hole	
	mm	mm	mm	
138814	70	38	3 c/s	

N.B. Not intended for permanent immersion

BLA

Telescoping Scupper - ABS Plastic

Through transom mount scupper moulded in marine grade, high impact, U.V. screened ABS plastic. 5° angle for

enhanced drainage. Tapered lip for efficient sealing. Adjustable for different transom thicknesses from 50-100mm. Large outlet for maximum



BLA Code	Length	Height	Depth	Cut Out	Mount Screws
	mm	mm	mm	mm	mm
192486	182	82	80	160 x 58	4 c/s

N.B. Not intended for permanent immersion

Hinged Scupper - White Acetyl

Flush mount scupper manufactured from a combination of white acetyl and delrin for long life. Simply attach over existing hole or through hull fitting. Gravity closing

hinged lid.



BLA Code	Outside Dia.	Inside Dia.	Depth	Mount Screws
	mm	mm	mm	mm
192482	71	46	30	4 c/s

N.B. Not intended for permanent immersion

Scuppers - Thru-hull

Black or white plastic moulded through hull scuppers with hose attachment. Ideal for bilge pump out or cockpit drainage. Soft rubber flap valve to keep out seawater.



BLA Code	Colour	Hose Size mm	Max Hull Thickness mm			Mount Hole mm
192480	Black	38	25	90	74	50
192481	White	38	25	90	74	50

N.B. Not intended for permanent immersion

Sea Scupper

Manufactured from U.V. stabilised clear polycarbonate. Suitable for new or existing self draining cockpits/floors. Flexible mounting seal and solid sealing ball. Must be installed on a near vertical flat face.



BLA Code	Outside Dia. mm		Hole Cut Out mm	Mount Screws mm
192497	76	63	28	5 r/h

Slop Stoppers - Rubber

Splashproof black rubber boot.
Prevents chafing of cables through
motor well. Also available as round or
oval trim ring only.

				(D)
BLA Code	Outside Dia.	Cut Out	Intrusion	Max. Panel Thickness
5545	mm	mm	mm	mm
(A) 192500	88ø	63 dia.	n/a	6
(B) 192502	88ø	63 dia.	46	6
(C) 192504	135 x 83	115 x 60	46	5

n/a

Slop Stopper - PVC

Moulded from flexible black PVC. Provides a neat means of passing wires, cables and plumbing through bulkheads, splashwells, and similar.

(D) **192503** 135 x 80 115 x 60



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BLA Code	Cut Out Dia.	Outside Dia.	Protrusion	Intrusion	Mount Screws
	mm	mm	mm	mm	
192506	68	89	4	4	3 r/h

Motor Well Boot - Rubber

Provides organised, covered pass through motor well for control cables, wires or fuel lines. Black PVC boot with black polypropylene mount flange.



BLA Code	Cut Out Dia.	Outside Dia.	Protrusion	Mount Screws
	mm	mm	mm	mm
192508	65	105	60	3 c/s

Cable Boot - Vinyl

The cable boot provides a neat open area to pass wiring and cables through a motor well. When rigging is complete, simply pull the cable tie (supplied) snug around wires and cables to complete the installation. The cable boot is constructed of PVC that resists U.V. rays, petrol and oil. Black polypropylene mount flange.



BLA Code	Colour	Cut Out Dia. mm	Outside Dia. mm	Intrusion mm	Mount Screws mm
102510	Black	82	120	68	3 c/c

Rigging Flanges and Hose

All the components required to complete a professional rigging system. Protects outboard engine cables and wiring from dirt, abrasion, sun, salt and water.

The hose is durable, flexible and kink resistant. The mount flanges and split union are moulded from U.V. stabilised polypropylene. Two types of mount flange are available,

192516 and 192517 are internally threaded to retain the hose and make rigging adjustment simple. These can be surface or recess mounted. 192518 and 192519 has additional port to allow the fuel line to pass through so that the primer bulb can be accessed immediately adjacent to the outboard.

192521 is a split union that provides an entry point for the fuel line back into the rigging hose. **192520** is a moulded black vinyl cap to provide closure of the engine end of the rigging hose if required.





BLA Code	Description	Colour
(A) 192520	Vinyl cap	Black
(B) 192524	Rigging hose 50mm x 15m	Black
192525	Rigging hose 50mm x 15m	White
192526	Rigging hose 50mm x 7.5m	Black
(C) 192516	Rigging mount flange	Black
192517	Rigging mount flange	White
(D) 192518	Rigging mount flange with fuel port	Black
(E) 192521	Rigging hose union	Black

Rigging Flange - Plastic

Manufactured from U.V. stabilised injection moulded plastic. 45° exit hole allows for smooth routing of electrical or steering cables from port or starboard side of transom.



BLA	Outside	Cut	Mount
Code	Dia.	Out	Screws
	mm	mm	mm
192530	160 x 125	122 x 83	5 r/h

Attwood Rod Holder - Pro Series



Designed for use with baitcaster and spinning reels. Large, easy-grip cam lock provides 160° vertical adjustment for a variety of rod tip height settings. Heavy duty, deep tooth gear lock securely holds rod holder in mounting bases. Locking collar secures rod during travel and use. Includes bi-axis mount that can be used as a side or pedestal mount, allowing 360° of horizontal adjustment.



BLA Code	Overall Length	Base Size	Hole Centres	Mount Screws
	mm	mm	mm	mm
192550	215	98 x 49	78 x 32	6 r/h

Standard Inclusions:

192551 Includes bi-axis mount

Attwood[®] Rod Holder attwood

- Bi-Axis Mount

The newly designed mount can be used as a side or pedestal mount, allowing 360° of horizontal adjustment. Compatible with all Attwood and other leading brand rod holder mounting patterns.



BLA Code **192551**

Attwood[®] Rod Holder



- Rail Mount

Complete with all necessary hardware to mount all Attwood and other leading brand rod holder mounts to square or round rails between 22mm (7/8") and 32mm $1^{1}/4$ ".



BLA Baitcaster Rod Holder

- Black Nylon

This rod holder can easily adjust a rod from 5° to 95°. The base design has twelve variable positions to allow the rod to rotate through 360°. Thumb activated, slide locking ring retains the rod when trolling. Supplied with a side mount bracket with channel to allow mounting on rails up to 25mm diameter with optional rail mount adaptor. Various additional mounts can be ordered separately and are listed below. Rod holder and mount kits are all moulded in tough polyethylene.



BLA Code		Overall Length	Base Size	Hole Centres	Mount Screws
	mm	mm	mm	mm	mm
192555	32	270	82 x 56	62 x 40	6 r/h

Accessories:

192556 Mount Kit - Side Mount

192557 Mount Kit - Rail Mount Adaptor

192558 Mount Kit - Flush Deck Mount

BLA Baitcaster Rod Holder

- Side Mount Kit

Mounts on vertical surface. Moulded channel in base for mounting on tubular rails to 25mm diameter using rail mount adaptor below.



BLA

BLA

BLA Code	Base Size	Protrusion	Hole Centres	Mount Screws
	mm	mm	mm	mm
192556	82 x 56	48	62 x 40	6 r/h

BLA Baitcaster Rod Holder



Converts side mount to rail mount. Fastenings purchased separately.

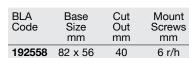
100557	92 v 56	60 v 40
	mm	mm
Code	Size	Centres
BLA	Base Hole	



BLA Baitcaster Rod Holder

- Flush Deck Mount

Mounts on horizontal surface.





Cannon® Adjustable **Rod Holder**



Fully adjustable 360° rod holder that can be top mounted or side mounted. The rod holder features a three-position configuration, and a spring loaded tension knob delivering fast baitcast or spinning rod pick up. 394480 supplied with four stainless steel metal threads.



BLA Code	Description
394481	Rod holder Cannon
394480	Rod holder and S/S screws

Accessories:

394472 Cannon flush mount adaptor 394478 Cannon top/side mount adaptor

Cannon® Adaptor



- Top/Side Mount

Compatible with Cannon® products only.



Code

Rail Mount Rod Holders

- Stainless Steel

Solid 316 grade stainless steel construction available in mirror finish or gold titanium treated finish. Soft black PVC liner and neck flange to protect rods and reels. Multi-position articulation to set rods in desired fishing position. Also used in a multiple bank for rod storage. 5mm pin in base to align rods.



BLA Code	Finish	Length mm	Tube O.D. mm		Rail Size mm
192602	Mirror	250	52	41	19-25
192604	Gold	250	52	41	19-25

Cannon® Adaptor

- Rail Mount

Turns Cannon® 394478 into rail mount.



Code 394476

Cannon® Adaptor



- Flush Mount

Compatible with Cannon® products only.



BLA Code 394472

Cannon® Adaptor



- 152mm (6") Extension Post part

Suits Cannon® adaptors/mounts only.



Rail Mount Rod Holders

- Slotted Stainless Steel

Solid 316 grade mirror polished stainless steel clamp and body with soft black PVC liner to protect rod and reel. The slotted barrel and multi-position articulation is designed for setting rods with overhead reels to the optimum fishing position. Also commonly used in multiples for rod storage racks for overhead and spinning reels.



BLA Code	J	Tube O.D.	Tube I.D.	Slot	Rail Size
	mm	mm	mm	mm	mm
192600	245	50	46	13 x 80	19-25

Flush Mount Rod Holder

- Cast Stainless Steel With Cap

Flush, deck mounted, heavy duty cast stainless steel rod holder with a black PVC sealing cap and liner. Suitable for up to 80lb line class. 6mm diameter pin in base of tube for rod alignment. Rod holder angled at 30°.



BLA Code	Deck Intrusion Plate			Mount Screws
	mm	mm	mm	mm
192543	112 x 82	210	51	6 c/s

Heavy Duty Flush Mount Rod Holder - Stainless Steel With Cap

Stainless steel flush deck mounting. Raised dome top. 6mm gimbal pin for rod alignment. White PVC sealing cap and insert. Black base mount gasket supplied. 30° angled through deck mount.



BLA Code	Deck Plate	Intrusion		Mount Screws
	mm	mm	mm	mm
192545	106 x 85	215	51	6 c/s

Medium Duty Flush Mount Rod Holder

- Cast Stainless Steel With Cap

Flush mounted, cast 316 grade stainless steel rod holder with black PVC liner and sealing cap. Supplied with $\mbox{\%}"$ female BSP thread in base to accept a hose tail for draining away excess water. 6mm diameter pin in base of tube for rod alignment. 30° angled through deck mount.



BLA Code	Deck Plate	Intrusion		Mount Screws
	mm	mm	mm	mm
192549	112 x 88	210	53	6 c/s

Flush Mount Rod Holders

Economical one piece moulded plastic construction. Textured finish deck plate. Angled 30°. 6mm cross bar in base to align rod.



192560

BLA Code	Colour	Deck Plate mm	Cut Out mm	Intrusion mm	Mount Screws mm
192560	White	108 x 88	54	210	6 c/s
192562	Black	108 x 88	54	210	6 c/s

Flush Mount Rod Holder

- Stainless Steel With Cap

Stainless steel, flush deck mounting. PVC sealing cap, mount gasket and liner. Angled 30°. 6mm diameter pin in base of tube for rod alignment.



BLA Code	Deck Plate	Intrusion		Mount Screws
	mm	mm	mm	mm
192542	116 x 87	205	51	6 c/s

Flush Mount Rod Holder

- Stainless Steel

Stainless steel fabricated construction with 30° angled deck mount. Protective white PVC liner. 5mm diameter pin in base of tube for rod alignment. Supplied with mount gasket.



marıne Town

	BLA Code	Deck Plate	Intrusion	Cut Out	Mount Screws	BLA Code	Deck Plate	Intrusion	Cut Out	Mount Screws	
		mm	mm	mm	mm		mm	mm	mm	mm	
	192545	106 x 85	215	51	6 c/s	192544	110 x 87	220	51	6 c/s	
:::											•••••••••••••••••••••••••••••••••••••••

Marine Town® Stalon Rod Holder

Tough injection moulded nylon body with stainless steel cover. Sleek look with no visible fasteners. PVC sealing cap and mount gasket. 30° angled through deck mount. 6mm cross bar in base to align rod.



BLA Flush Mount Rod Holders

Economical, one piece, moulded plastic construction with matte finished deck plate. Angled 30°. 6mm cross rib in tube base to align rod. Weatherproof caps available separately. Mount screws are 4mm



BLA Code	Colour	Deck Plate mm	Tube O.D. mm	Intrusion mm
192588	White	105 x 85	49	195
192590	Black	105 x 85	49	195

Accessories:

countersunk.

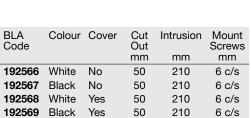
192598 Black cap and base gasket 192599 White cap and base gasket





Oval Flush Mount Rod Holders

One piece moulded plastic construction with matte finished deck plate supplied with or without cover. 30° angled tube with 6mm gimbal moulding in base to keep rods aligned. 106mm x 83mm deck plate.





BLA

Slimline Flush Mount Rod Holders

Economical, one piece plastic construction. Straight or angled through deck mount. Available in black or white. Mounting base measures 87mm x 60mm. 4mm countersunk mounting holes.



BLA

BLA Code	Colour	Type	Tube O.D.	Intrusion	Mount Screws
			mm	mm	mm
192583	White	Angled	49	210	4 c/s
192584	Black	Angled	49	210	4 c/s
192585	White	Straight	49	235	4 c/s
192586	Black	Straight	49	235	4 c/s

BLA Slimline Flush Mount Angled Rod Holders

Economical, one piece plastic construction. Angled through deck mount. Weatherproof caps available separately.

Deck

Plate mm

89 x 60

89 x 60

19259	07	7	
O.D.	Intrusion	Mount Screws	
mm	mm	mm	1
49	220	5 c/s	
49	220	5 c/s	192576

192578 Black Accessories:

192576 White

Colour

BLA

Code

192596 Black cap and base gasket 192597 White cap and base gasket

BLA Slimline Flush Mount Rod Holders

Economical, one piece plastic construction. Straight through deck mount. Weatherproof caps available separately.



192596									
BLA Code	Colour	Base	Tube O.D.	Intrusion	Mount Screws				
		mm	mm	mm	mm				
192580	White	89 x 60	49	230	5 c/s	192582			
192582	Black	89 x 60	49	230	5 c/s				

Accessories:

192596 Black cap and base gasket 192597 White cap and base gasket

Side Mount Rod Holders

Economical one piece plastic construciton with multiple fixing side section. Mounts on any flat, near vertical surface. Available in black or white. 6mm cross bar in the base to align rod.



BLA Code	Colour	Width	Height	Depth	Mount Screws
		mm	mm	mm	mm
192593	White	75	238	46	4 r/h
192595	Black	75	238	46	4 r/h

BLA Side Mount Rod Holders

Economical one piece plastic construction with multiple side fixing section. Mounts on any flat, near vertical surface. Fins in base to align rod.



BLA

BLA Code	Colour	Width	Height	Depth	Mount Screws
		mm	mm	mm	mm
192592	White	72	234	50	4 r/h
192594	Black	72	234	50	4 r/h

Side Mount Rod Holder

Brushed stainless steel tube with heavy duty, black plastic complete ring mounting saddles. Top opening fitted with black moulded plastic cushion ring to protect rod. 6mm diameter cross bolt in base allows for both standard or gimballed fishing rods.



BLA Code	Width	Height	Depth	Tube I.D.	Mount Screws
	mm	mm	mm	mm	mm
192620	84	263	59	41	4 r/h

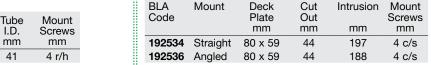
Slimline Rod **Holders**

- Stainless Steel

Polished stainless steel fabricated construction. 6mm gimbal pin for rod alignment. Angled or straight through deck mount.

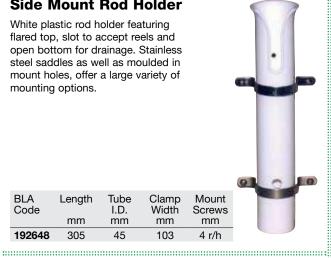


	Cut Out mm	Intrusion mm	Mount Screws mm
9	44	197	4 c/s
`	11	100	1 0/0



Side Mount Rod Holder

White plastic rod holder featuring flared top, slot to accept reels and open bottom for drainage. Stainless steel saddles as well as moulded in mount holes, offer a large variety of mounting options.



BLA Code	Length	Tube I.D.	Clamp Width	Mount Screws
	mm	mm	mm	mm
192648	305	45	103	4 r/h

Rod Racks - Polymer

Horizontal, wall or overhead mounted, polymer rod racks. 50mm holes to accept rod butt and 19mm slots for rod tips. Supplied with variable position mount brackets and mount screws. Racks are handed and sold as a pair.



BLA Code	Rods Stored	Length	Depth	Height	Mount Screws
		mm	mm	mm	mm
192644	Four	385	81	65	3 c/s
192646	Six	555	81	65	3/c/s

BLA Rod Storage Holder

- Horizontal

Used for storing rods horizontally onboard or at home. Anodised aluminium side plates with closed cell foam inserts to hold up to three rods. Sold as a pair.



BLA Code	Length	Depth	Height	Mount Screws
	mm	mm	mm	mm
192625	210	82	68	5 r/h

BLA Rod Storage Holders

- Horizontal

Used for storing rods horizontally onboard or at home. Constructed from black ABS plastic and supplied in either three or five rod combinations. Closed cell foam inserts ensure that rods are held in place. Sold as a pair.



BLA Code	Rods Stored	Length	Depth	Height	Mount Screws
		mm	mm	mm	mm
192628	Three	195	73	62	4 c/s
192630	Five	290	62	52	4 c/s

Rod and Knife Holders

Vertically mounted, white plastic rod and fishing gear holders. Rod holders feature flared tops, slots to accept

reels and open bottom for drainage. Slot and hole configuration in horizontal mounts holds knives, pliers and similar.



BLA Code	Rods	Knife	Tool	Width mm	Height mm	Depth mm	Mount Screws mm
192634	2	1	1	275	305	63	5 r/h
192636	3	2	2	440	305	63	5 r/h
192638	4	6	3	605	305	63	5 r/h
192640	6	4	3	605	305	63	5 r/h

Bull Bar Rod Holder - Alloy

Stores up to four rods with simple 'U' bolt mounting onto bull bar. Sturdy, welded, all aluminium construction with Cadmium plated 'U' mount bolts. Maximum bull bar tube diameter is 52mm. Check with local transport



	I.D.	Length	
mm	mm	mm	
427	45	150	
	427	mm mm 427 45	mm mm mm

BLA Rod Storage Holders

- Vertical or Horizontal

Used for storing rods in a vertical position onboard or at home. Base incorporates recesses for rod butt, while closed cell foam inserts in other mount support rod stems. Black U.V. stabilised plastic frame. Sold as a pair.



BLA

BLA Code	Description	Length	Depth	Height	Mount Screws
		mm	mm	mm	mm
192627	Three rod	195	73	62	4 c/s
192633	Five rod	290	62	52	4 c/s

Marine Town® Stanchion

- Stainless Steel

Stainless steel tube with tapered upper section. Pressed fit stainless steel sleeve for mid height line. Enlarged top line head to protect crew and sails. Fits into 192672 and 192674 bases.

BLA Code	Length	Tube Dia. mm ø
192670	630	25

Marine Town® Stanchion Bases

- Stainless Steel

Accepts stanchion **192670**. Pressed stainless steel base plate. Reinforcement bar also allows attachment of blocks and similar.



BLA Code	Base Angle	Suits Tube mm	Base Size mm	Height mm	Mount Screws mm
192672	0°	25	76 x 88	50	6 c/s
192674	6°	25	76 x 88	50	6 c/s

Attwood® Ski Tow Ring

- Stainless Steel

Flush fitting, stream lined ski tow ring manufactured from 316 grade stainless steel. Suitable for through transom mounting with large bearing surface to ensure that the fitting does not pull through.



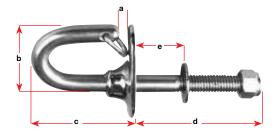
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192654	mm 65	mm ø	4-43
Code	Dia.	Out	Thickness
BLA	Outside	Cut	Hull

Ski Tow Hook - Stainless Steel

Transom mounted ski hook. Chrome cast bronze base. Stainless steel hook and mount bolt. Keeper retains ski rope when slack.

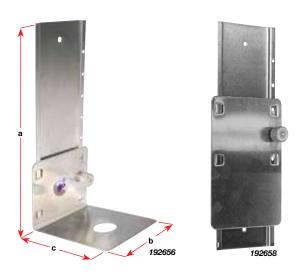


BLA Code	а	b	С	d	е	Mount Bolt
	mm	mm	mm	mm	mm	mm
192650	8	40	55	70	15-55	9

Sliding Transducer Brackets

Marine Town

Fishfinder transducers on trailerable boats are susceptible to damage, particularly if launching off the beach. These adjustable transom mounted brackets enable the transducer to be retracted out of harms way until required. Transducer can be raised and lowered in seconds.





BLA Code	Material	Transducer Type	a mm	b mm	c mm	d mm
192656	S/Steel	Thru hull	225	88	114	80
192658	S/Steel	Transom mount	225	88		131
192665	Alloy	Transom mount	205	84		51
192666	Alloy	Transom mount	205	152		63

Ski Tow Eyes - Stainless Steel

Transom mounted, water sports tow eyes. Protector ring prevents snagging of clothing, ski equipment, ropes and similar. Hex nuts and star washers included.



BLA Code	Ring Dia.	Protrusion	Hull Thickness	Mount Bolt
	mm	mm	mm	mm
192652	63	38	8-50	9



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Marine Town® Marine Padlocks

- Brass

Brass body, stainless steel shackle. Supplied with two keys.





Marine Town

BLA Code	Width mm	Height mm	Thickness mm	Shackle Dia. mm	Throat mm
193002	30	50	13	5	18
193004	40	61	14	6	22
193006	50	77	16	8	29
193008	40	103	14	6	64

Double Hinged Cabin Hook - Chrome Brass

The double hinge design significantly reduces rattle over conventional cabin hooks.



BLA Code	Base Size	Length	Depth	Mount Screws
	mm	mm	mm	mm
193020	42 x 26	100	20	4 c/s

Security Hasp and Staple

- Stainless Steel

Concealed fastenings. Accepts padlock with up to 8mm shackle. Pressed stainless steel construction.



BLA Code	Overall Length	Width	Height	Mount Screws
	mm	mm	mm	mm
193044	70	28	20	4 c/s

Marine Town® Cabin Hooks

- Chrome Brass

Available in a range of sizes.



			-		BLA	Length	Mount Screws
BLA	Overall	Width	Height	Mount	Code	mm	mm
Code	Length		•	Screws	193024	65	4 c/s
	mm	mm	mm	mm	193026	76	4 c/s
193044	70	28	20	4 c/s	193028	100	4 c/s

Barrel Bolts - Chrome Brass

Traditional style.



193034

BLA Code	Barrel Length	Overall Length	Width	Depth	Mount Screws
	mm	mm	mm	mm	mm
193032	50	65	22	10	3 c/s
193034	75	90	22	10	3 c/s
193036	100	115	26	10	3 c/s

Marine Town® Heavy Duty **Hasp and Staple**

- Stainless Steel Twistlock

Cast stainless steel construction. Features twist lock closure, concealed fastenings and solid hinge pin.



BLA Code	Length	Height	Height	Mount Screws
	mm	mm	mm	mm
193040	90	26	29	4 c/s

Marine Town® Square Barrel Bolt

- Stainless Steel

Spring self-closing, square line barrel bolt. Mirror polished cast 316 grade stainless steel body with concealed mount fastenings. Nylon slide for smooth action and no rattle.



BLA Code	Length	Height	Depth	Mount Screws
	mm	mm	mm	mm
193030	90	30	32	5 c/s

Perko® Barrel Bolts

- Chrome Plated Bronze

T,

Chrome plated bronze construction. Includes friction pad to eliminate rattling and provide smooth operation.





PERKO*

USA :

401970

BLA Code	Length	Height	Depth	Mount Screws
	mm	mm	mm	mm
401970	90	37	16	3 c/s
401972	138	37	18	3 c/s



Barrel Bolt - Stainless Steel

Rounded non catch styling coupled with cast 316 grade stainless steel construction and a rattle eliminating friction pad, has combined the simple installation and reliability of a barrel bolt with contemporary form.

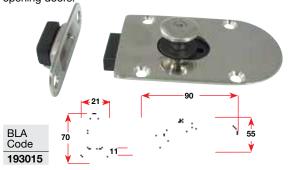


BLA Code	Length	Height	Depth	Mount Screws
	mm	mm	mm	mm
193031	105	25	12	3 c/s

Marine Town® Magnetic Slide Catch - Stainless Steel



Solid cast 316 grade stainless steel housing with non rattle nylon slide. Gone is the shock loading of conventional slam action doors as the magnetic mechanism only actuates when the slide and strike are parallel, in the fully closed position. Slide protrusion when closed can also be adjusted from 6mm to 20mm. Suits left or right hand, in or out opening doors

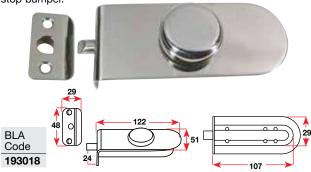


Marine Town® Transom Door Catch



- Stainless Steel

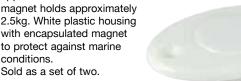
316 grade stainless steel face plates, bolts and knob with nylon back housing for smooth silent operation. This product features a spring loaded, adjustable stroke stainless steel bolt. The bolt is reversible for in or out opening. A versatile catch that satisfies many requirements for marine door installations. Modern attractive recessed design. Striker plate has rubber stop bumper.



Marine Town® Magnetic Door Catch



Flush mounted magnetic door catch suitable for many applications. Powerful magnet holds approximately 2.5kg. White plastic housing with encapsulated magnet to protect against marine conditions.



BLA Code	Overall Length	Width	Intrusion	Protrusion		Mount Screws
	mm	mm	mm	mm	mm	mm
193298	62	40	9	4	25	4 c/s

Marine Town® Barrel Bolts



- Stainless Steel

Strong heavy gauge cast 316 grade stainless steel construction. Supplied with friction pad to eliminate rattle and to provide smooth operation.



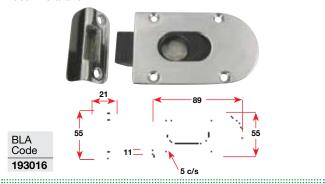
BLA Code	Overall Length	Height	Depth	Mount Screws
	mm	mm	mm	mm
193037	92	38	14	3 c/s
193039	110	38	16	3 c/s

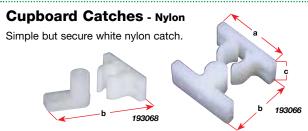
Marine Town® Spring Slide Catch



- Stainless Steel

306 grade stainless steel housing with low friction nylon slide. Spring loaded flush latch will not catch clothing, ropes and similar. Catch bolt is reversible for left/right for in/out installation.





BLA Code	Style	a mm	b closed mm	c mm	Mount Screws mm
193066	Straight	33	21	13	3 r/h & c/s
193068	Right angle	33	28	13	3 r/h & c/s

Perko® Cupboard Catch - PVC



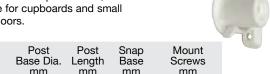
Simple black plastic catch that secures cupboard doors closed. Sold as a pair.

			-	
BLA	Stud	Catch	Mount	
Code	Dim.	Dim.	Screws	
	mm	mm	mm	
401998	28 v 11 v 17	35 v 12 v 11	2 r/h	

Cupboard Catch - Nylon

Snap catch with post mount, suitable for cupboards and small cabin doors.

BLA Code	Post Base Dia.	Post Length	Snap Base	Mount Screws
	mm	mm	mm	mm
193069	23	22	42 x 12	5 c/s & 4 r/h



Ball Catches - Brass

Brass body with twin spring loaded ball bearings. Screw adjustable catch tension. Cadmium plated spring and ball bearing.



BLA Code	Overall Length	Width	Depth	Mount Screws
	mm	mm	mm	mm
193072	43	8	11	3 r/h & c/s
193074	60	11	15	4 r/h & c/s

Push Lock

Push the door to latch. Thumb push to open. Supplied with pull-open finger tab and latch plate. Materials are nylon, glass reinforced acetal, stainless steel. Supplied with two keys.



Omni Spring Bolt Catches - Stainless Steel

A versatile latch, flush fitting on both sides. Corrosion free material for interior or exterior installations. Suits 12.7mm (1/2") thick doors. Non rattle design. Three year warranty. Striker sold separately.



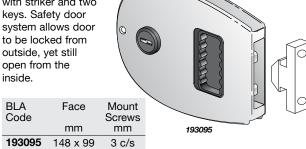
BLA Code	Description	Face	Mount Screws
		mm	mm
193046	Catch	116 x 82	3 c/s
193048	Striker	68 x 24	5 c/s

Flush Sliding or Bi-fold Oval Lock

- Stainless Steel

Corrosion proof design finished in stainless steel for outdoor or indoor applications in standard sliding doors. Suitable for

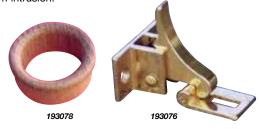
12.7mm (1/2") thick doors. Supplied with striker and two keys. Safety door system allows door to be locked from outside, yet still open from the



Accessories: 193099 Spare key

Finger Catches

Spring loaded catches for cupboard doors and similar. Supplied with catch plate. 193078 is supplied with teak dress trim for a perfect finish and to allow cupboard ventilation. Teak trim requires a 38mm mount hole and has a 13mm intrusion.



BLA Code	Style		Height	Mount Screws
		mm	mm	mm
193075	Black plastic catch only	30 x 18	30	3 c/s
193076	Brass catch only	28 x 16	28	3 c/s & r/h
193078	Brass catch c/w ring	28 x 16	28	3 c/s & r/h

Omni Dead Catches - Stainless Steel

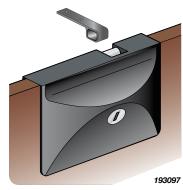
A premium quality contemporary style dead bolt, flush fitting on both sides. Corrosion free materials for interior or exterior installation. Two distinct dead bolt positions, open or closed, not self-closing. Suits 12.7mm (1/2") thick doors. Three year warranty. Striker sold separately.



BLA Code	Description	Face	Mount Screws
		mm	mm
193054	Catch	116 x 82	3 c/s
193048	Striker	68 x 24	5 c/s

Sliding Door or Hatch Dead Locks

Marine grade construction - polymide, stainless steel, aluminium and brass throughout. Suits door thickness of 12.7mm (½"). Easy to install. Use on acrylic or timber doors, bi-fold doors, swinging doors, hatches and companionway storm boards. Key lock on exterior with sliding privacy lock on interior side of lock.



BLA Code	Colour	Face	Mount Screws
		mm	mm
193096	White	87 x 55	3 r/h
193097	Black	87 x 55	3 r/h

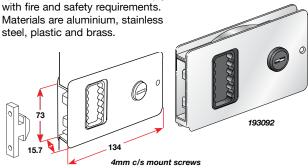
Accessories: 193099 Spare key



Mobella Flush Sliding or **Bi-fold Door Locks**



Suitable for sliding or bi-fold doors, of 12.7mm (1/2") thickness. Flush fitting on both sides of door. Key lock from the outside but with the ability to always be opened from the inside, to comply with fire and safety requirements. Materials are aluminium, stainless



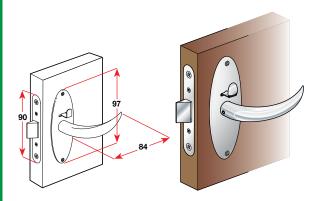
BLA Code	Finish
193092	Clear anodised aluminium
193093	White powder coated aluminium
193094	Stainless Steel

Accessories: **193101** Spare key

Mobella Compact Chrome Door Lock Sets



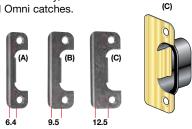
An attractive chromed brass door lock with privacy lock that can be mortise mounted to open inward or outward. All brass and stainless steel internal mechanism. Lock can be overridden for emergency entry. Striker sold separately.



			0:	
BLA Code	Door Thickness	strike face		
Code	mm			
193098	19-32	4.5mm	0 :	

Mobella Striker Plates MD3≣LL∆ Three sizes available to suit McCoy,

Compact, Offshore and Omni catches. The 193060 includes a trim box that neatly finishes woodwork or alloy cut outs.

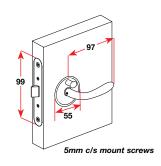


BLA Code	Description	Face	Mount Screws
		mm	mm
(A) 193048	Striker Plate 6.4mm	68 x 21	5 c/s
(B) 193052	Striker Plate 9.5mm	68 x 24	5 c/s
(C) 193060	Striker plate 12.5mm	68 x 28	5 c/s

Mobella McCoy Chrome Door Lock Sets

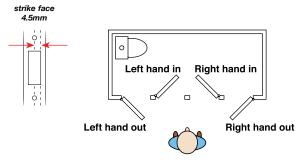


Minimalist lock for cabin door applications. Chromed brass exterior finish offers complete protection against marine conditions. Brass interior mechanism. Mortise mount available to suit right or left hand opening doors. Available with or without locking privacy knob. Three year warranty.



Striker sold separately.



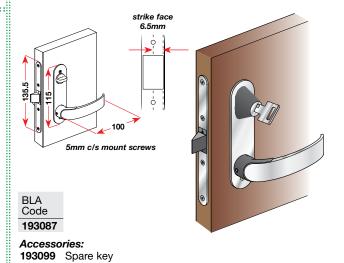


BLA Code	Privacy Lock	Door Opening	Door Thickness mm
193369	Yes	Right out	28-37
193372	Yes	Left out	28-37
193375	Yes	Left in	28-37

Mobella Offshore Mortise Door Lock Sets



Left hand open inward door action. White powder coated finish. Privacy knob fitted on inside with key lock on outer. Suits door thickness 22-27mm. Two keys supplied, three year warranty. Striker sold separately. Materials are cast zinc alloy, aluminium, plastic and brass.



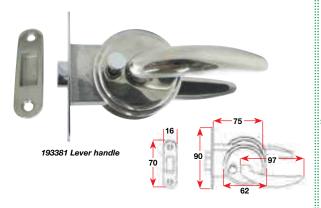
Marine Town® Magnetic Privacy **Door Locks**



Smart design, smart looks and quality of manufacture have been combined in this new unique range of marine door locks. Latches operate by using two attracting magnets, one in the latch slide, and another in the strike plate. When door is closed both magnets align and latch actuates. These latches operate quieter than conventional spring latches, and as the latch is held closed by magnetic force, there is no vibration induced rattle.

Other unique features include a triangular lever shaft, whereby as door lever or knobs are tightened to the triangular shaft they are locked in place in three dimensions, so there is no possible slop or rattle, as is often associated with square shafts. Installation is easy as the design allows a wide tolerance range for the installer. The same latch can be used for left or right swing, open in or open out doors. Privacy latch on inside can be released in an emergency from outside, via a pin hole override.

Available in mirror polished or brushed stainless finish with either lever or oval knob handles.





BLA Code	Handle	Finish	Door Size mm
193381	Lever	Mirror	19-25
193382	Lever	Mirror	28-35
193383	Lever	Brushed	19-25
193395	Oval	Brushed	19-25

Marine Town® Cabinet Knob

Round chrome plated brass knob with brush finished stainless steel centre disk.

BLA Code	Knob Dia.	Base Dia.	Protrusion	Thread
	mm	mm	mm	UNC
193398	31	16	25	10-32



Push To Close Catch

Grabber catch with stainless steel, spring loaded, over centre latching. Side mounted to pull the door, drawer or hatch shut.

Approximate pull force is 44N pull to open. Corrosion resistant materials.





Keeper

BLA Code 193114

Push To Close Catches

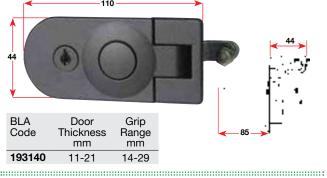
This flush catch features a pop out knob which twists to open. Catches securely with knob in or out. Corrosion and U.V. resistant. Supplied with nylon or stainless steel keeper. Quick, round hole installation. Materials - PC/ABS blend (chrome finish), glass filled ny ste to

nylon and steel. Suit to 21mm.	a 193126					
BLA Code	Face Dia. mm	a mm	Cut Out mm	Catch	Keeper	Keeper Screws mm
193126	37	47	31	Chrome	S/S	5 r/h
193127	37	47	31	Black Nylon	Nylon	4 r/h
193130	37	47	31	Chrome	Nylon	4 r/h

Lever Catch

Die cast zinc alloy lever catch. Large domed button for release, push catch handle to lever close. Key locking. Zinc plated mounting hardware.

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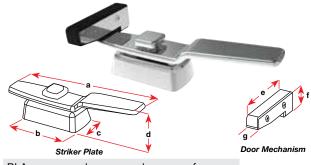


Marine Town® Transom Door Latch



- Stainless Steel

Heavy duty door latch designed to suit transom and large doors. Design incorporates spring loaded push button release action which allows for one handed operation. Can be rotated through 90 degrees and is locked in position upon release of the button. Supplied complete with striker plate and can be mounted for either left or right hand orientation.



BLA	а	b	С	d	е	f	g
Code	mm	mm	mm	mm	mm	mm	mm
193331	166	73	39	42	71	24	13.5
193332	213	82	47	50	71	24	13.5

Marine Town® Door Latch - Bi-Fold 316 Grade Stainless Steel

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Features:

- · Clean look and easy cut out
- · Strong yet compact stainless steel construction
- Fit 12-51mm door thicknesses
- · Matching hinge and hold open strike sold separately
- Screw size #10



	BLA Code	Description	a mm	b mm	c mm
	193102	Hinge Butterfly suit Bi-Fold Latch	78	78	-
	193104	Latch Bi-Fold Door S/S	78	78	12-51
	193106	Striker Plate S/S Flat	62	19	13.5
::					

PERKO°

(USA)

(A)

(B)

PERKO® USA :

Back **Front** 193104 193102 193102

Perko® Latch Sets - Non Mortise

Locks by turn button from inside or a key from the outside. Interchangeable knob and lever handle. Supplied with a regular bevel and box



BLA Code	Bevel	Strike	Door Case mm	Door Thickness mm	Mount Screws mm
(A) 402030 (B) 402032	J			16-35 16-35	3 c/s 3 c/s

..... Perko[®] Latch Sets - Flush

Flush cup rim with fold away 'D' handle one side, lever other side. Sliding lock button. Supplied with a regular bevel with box strike or a reverse bevel with flush strike. Chromed zinc alloy construction.



	BLA Code	Bevel	Strike	Door Case mm	Door Thickness mm	Mount Screws mm	 BLA Code	Bevel	Strike	Case Dim. mm	O.D. Cup mm	Door Thickness mm	Mount Screws mm
	(A) 402030	Regular	Box	100 x 50	16-35	3 c/s	(A) 402022	Regular	Box	45 x 55	58	20-30	3 c/s
	(B) 402032	Reverse	Flush	100 x 50	16-35	3 c/s	(B) 402024	Reverse	Flush	45 x 55	58	20-30	3 c/s
::::													······

Perko® Latch Sets - Mortise

These latch sets have been designed for quick and easy mortised installation into plywood doors. Available in regular or reverse bevel with flush strike. Sliding lock button on inside only. Interchangeable knob and lever handle. Chromed zinc alloy construction.



BLA Code	Bevel	Strike	Case Dim. mm	Door Thickness mm	Mount Screws mm
402050	Regular	Flush	50 x 58	12-19	3 c/s
402051	Reverse	Fluch	50 v 58	12-10	3 c/c

Perko® Latch Sets - Mortise



BLA Code	Key Lock	Lock Assembly	Escutcheon	Door Thickness	Mount Screws
		mm	mm	mm	mm
(A) 402040	Yes	70 x 50	112 x 32	25-34	3 c/s
(B) 402046	No	57 x 45	112 x 32	25-34	3 c/s

Perko® Flush Latch Sets

Flush appearance. Lift tab and rotate to open. Available with or without key lock. Easily installed in 42mm diameter hole. No visible fastenings. Chrome plated zinc alloy and moulded plastic construction.

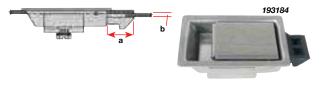


PERKO®

BLA Code	Key Lock	Face	Door Thickness	Protrusion	Intrusion
		mm	mm	mm	mm
402052	No	56 x 50	12-19	5	23
402054	Yes	56 x 50	12-19	5	23

Flush Paddle Catches - Stainless Steel

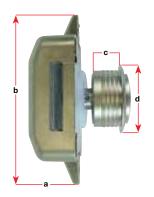
Attractive brushed stainless steel. Flush styling. Smooth push-to-close latching, pull paddle to open. Quick one screw mounting. Spring loaded paddle that won't rattle. Made from 304 grade stainless steel, aluminium and polyester thermoplastic.



BLA Code	Face Size	Cut Out mm	Intrusion	Panel Thickness	а	b
	mm		mm	Max. mm	mm	mm
193184	28 x 43	25 x 38	13	2	12.5	4
193186	68 x 84	54 x 70	36	6.4	15	7.5

Push Button Catch

Push button to unlock door, button extends to act as door knob. Push button to lock door, button remains in to leave flush surface. Matt nickel finish. Manufactured from plastic and zinc alloy. To suit door thickness of 16mm.



BLA	a	b	c	d
Code	mm	mm	mm	mm
193150	20	77	12	32

Flush Pull Catch

Low profile attractively styled catch, ideal for lockers, galley doors and drawers. Self latching. Release catch with finger pull. Simple installation. Supplied with keeper. Made from white polycarbonate.



BLA Code	Door Thickness mm	Outside Dia. mm	Cut Out mm
193162	7-12	61	50

Simplicity Flush Catches

Economical and easy to install. Self catching. Release catch with finger pull. Supplied with keeper. Made from acetyl and stainless steel.



BLA Code	Door Thickness mm	Outside Dia. mm	Cut Out mm	Keeper Screws mm
193174	1-7	60	51	5 r/h
193178	13-19	60	51	5 r/h

Compression Catch

Large control knob utilises a quick action (75°) twist to lock/unlock. Die cast zinc alloy housing with black acetal knob and black nylon spacer to allow knob to stand off panel. Adjustable position grip depth (maximum 65mm). Zinc plated bolt and tongue.



BLA Code	Knob Dia. mm	Mount Hole mm	Door Thickness mm
193201	37	22	18

Door Catches - Novibra

As the name suggests, the 'Novibra' prevents vibration generated lock noise. Easy to fit and 100% corrosion resistance make this catch suitable for a wide variety of interior and exterior applications. Adjustable strike plate provides firm contact between latch and strike at all times. Three year warranty.

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BLA Code	Turn Handle	Cup	Flange O.D.	Cut Out	Intrusion
			mm	mm	mm
193149	Satin	Satin	45	38	45
193151	Black	Chrome	45	38	45

Marine Town® **Flush Pull Catches**

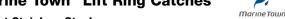
Low profile styled catches, ideal for lockers, galley doors and drawers. Self latching. Release catch with finger pull. Simple installation. Supplied with keeper. Available in locking or non-locking.

Made from polycarbonate and stainless steel.



BLA Code	Colour	Key Lock mm	Door Thickness mm	Outside Dia. mm	Cut Out mm	Keeper Base mm
193155	Black	No	0-18	61	51	32 x 15
193187	White	No	0-18	61	51	32 x 15
193189	Black	Yes	0-18	61	51	32 x 15
193191	White	Yes	0-18	61	51	32 x 15

Marine Town® Lift Ring Catches



- Cast Stainless Steel

Precision cast 316 grade stainless steel lift ring catch with optional key lock mechanism. Simple single hole installation. Latch is operated by rotating lift ring 180°. Red dot on lift ring indicates the unlatched position for easy visual identification.



BLA Code	Key Lock	Door Thickness mm	Outside Dia. mm	Cut Out mm	Lock Reach mm	Mount Screws mm
193061 193063	No Yes	0-18 0-18	64 64	51 51	18-68 18-68	5 c/s 5 c/s
		0.0	• •	• .		0 0, 0

Accessories: 193229 Spare key



193229

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Marine Town® Waterproof Flush **Catches** - Stainless Steel

Self closing flush top catch with only 3mm protrusion. The highly polished cast 316 grade stainless steel housing and waterproof non-rattle mechanism make this catch suitable for both interior and exterior installations. Operates by pushing down the finger tab to flip up the ring pull. Supplied with a variety of back spacer rings to accommodate varying material thickness.





BLA Code	Key Lock	Door/Floor Thickness mm	Outside Dia. mm	Cut Out mm	Keeper Base mm
193212	No	0-18	60	51	15 x 32
193213	Voc	0_18	60	51	15 v 32

Accessories: 193229 Spare key



Marine Town® Flush Catches

- Stainless Steel

Low profile stainless steel flush pull catch, ideal for lockers, galley doors and drawers. Self latching with finger pull release. Simple installation. Supplied with keeper. Available in locking or non-locking.



	93189 93191	Black White	Yes Yes	0-18 0-18	61 61	51 51	32 x 15 32 x 15		BLA Code	Lock	Door Thickness mm	Outside Dia. mm	Cut Out mm
A	cesso	ries:							193208	No	7.5-13.5	44	37
19	3229	Spare k	ey						193209	Yes	7.5-13.5	44	37
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Marine Town® Waterproof Flush Catches - Stalon Cast Stainless Steel

Self closing flush top catch with only 3mm protrusion. Highly polished cast 316 grade stainless steel top housing. Nylon back housing for reduced weight. Operate by pushing down the finger tab to flip up the ring pull. Supplied with a variety of back

spacer rings to accommodate varying material thickness.





193214

BLA Code	Key Lock	Door/Floor Thickness mm	Outside Dia. mm	Cut Out mm	Keeper Base mm
193214	No	0-18	60	51	15 x 32
193215	Yes	0-18	60	51	15 x 32

Accessories: 193229 Spare key



193229 Spare key

тагіпетоші

Marine Town® Flush Catches

- Cast Stainless Steel

Heavy duty 316 grade stainless steel flush catch assembly. Self latching. Release is via two finger lift tab. Available with or without integral lock assembly. 193122 also features stainless steel grab tab to facilitate internal closing.





	E3
)	193180
	193180

BLA Code	Lock	Catch Flange mm	Catch Cut Out mm		Keeper Base mm
193180	No	60	51	0-18	32 x 15
193182	Yes	60	51	0-18	32 x 15
193122	Yes	60	51	0-18	32 x 15

Accessories: **193229** Spare key





Marine Town® Flush Catches



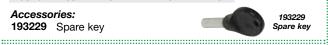
- Stainless Steel

Round low profile stainless steel flush pull catch, ideal for lockers, galley doors and drawers. Self latching with full handle finger pull release for ease of opening. Simple installation. Supplied with keeper. Available in locking or non-locking.



BLA Code	Lock	Door Thickness mm	Outside Dia. mm	Cut Out mm
193200	No	9-22	57	45
193202	Yes	9-22	57	45

Accessories: **193229** Spare key



193229 Spare kev

Marine Town® Flush Catch

- Stainless Steel

Square low profile stainless steel flush pull catch, ideal for lockers, galley doors and drawers. Self latching with full handle finger pull release for ease of opening. Simple installation. Supplied with keeper.



BLA Code	Lock	Door Thickness mm	Outside Dia. mm	Cut Out mm
193210	No	9-22	54 x 54	45

Marine Town® Lift Ring Latches

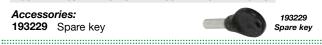


- Stainless Steel

Round stainless steel lift ring latch with optional key lock mechanism. Simple single hole installation. Latch is operated by rotating full handle lift ring 180°. Watertight, anti-rattle design. 193216 193217

BLA Code	Key Lock	Door Thickness mm	Outside Dia. mm	Cut Out mm	Lock Reach mm
193216	No	1-20	65	51	25-76
193217	Yes	6-20	65	51	25-76

Accessories: 193229 Spare key



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Marine Town® **Lift Ring Latches**



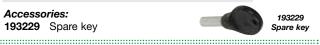
- Stainless Steel

Square stainless steel lift ring latch with optional key lock mechanism. Simple single hole installation. Latch is operated by rotating full handle lift ring 180°. Watertight, anti-rattle design.



BLA Code	Key Lock		Outside Dia. mm		Lock Reach mm
193218	No	4-23	65	51	25-76
193219	Yes	6-23	65	51	25-76

Accessories: 193229 Spare key



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Marine Town® 'T' Floor Hatch **Catches** - Cast Stainless Steel

Heavy duty cast 316 grade stainless steel flush floor hatch latch. Lift up 'T' handle twists to latch. Spring loaded handle with rubber tabs to prevent rattling. Reversible latch pawl to accommodate a wide clamping range.

Mount screws are concealed. Available with key security lock. An optional insulator kit is available for installation in aluminium.



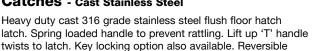
BLA Code	Key Lock	Face	Deck Thickness	Lock Reach
		mm	mm	mm
193220	No	97 x 80	13-19	35-90
193234	Vac	97×80	13-10	35-90

Accessories: 193229 Spare key



193229 Spare key

Marine Town® 'T' Floor Hatch **Catches** - Cast Stainless Steel



latch pawl to accommodate a wide clamping range.



BLA Code	Key Lock	Face	Lock Reach	Mount Screws
		mm	mm	mm
193226	No	97 x 75	35-90	4 c/s
193228	Yes	97 x 75	35-90	4 c/s

Accessories: 193229 Spare key



Marine Town® 'T' Floor Hatch Catches - Cast Stainless Steel

Heavy duty cast 316 grade stainless steel flush floor hatch latch. Lift up 'T' handle twists to latch. Spring loaded handle with rubber tabs to prevent rattling. Reversible latch pawl to

accommodate a wide clamping range. Mount screws are concealed. Available with key security lock.



BLA Code	Key Lock	Face Dia. mm	Deck Thickness mm	Lock Reach mm
193230	No	79	3-19	35-90
193232	Yes	79	3-19	35-90

Accessories:

193229 Spare key



193229

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Perko® Flush Ring Catch

- Chrome Plated

Rectangular shaped, combination single finger lifting ring and spring loaded catch. Ideal for anchor wells, lockers, floorboards, and similar. Supplied complete with strike plate. Manufactured in chromed zinc alloy with phosphor bronze spring.



BLA Code	Length	Width	Intrusion	Split	Mount Screws
	mm	mm	mm	mm	mm
402074	57	35	20	45/12	3 c/s

Perko®'T' Handle **Flush Catches**

Round plastic flush catches with chrome plated zinc alloy 'T' handle available in locking or non-locking versions. Locking model features a rubber seal under the handle to resist water entry into the lock cylinder.



BLA Code	Colour	Key Lock	Outside Dia. mm	Cut Out mm	Reach
402064	Black	Yes	75	62	20-70
402065	White	Yes	75	62	20-70

Perko® Flush Hatch Catches

Black plastic face. Stainless steel 'D' ring handle, stem and lock nut. Two 'O' rings for increased water resistance. Indicator shows open or closed position. Flexible plastic strike plate prevents rattling while keeping latch closed. Key lock available for added security. Water resistant fibre reinforced plastic cover available separately.







Flexible plastic strike plate

BLA Code	Key Lock	Face mm	Cut Out mm	Hatch Thickness mm	Lock Reach mm	Mount Screws mm
402066	No	63 x 63	51	10-75	14-75	4 c/s
402068	Yes	63 x 63	51	10-75	14-75	4 c/s

402070 Black hinged cover (68x82)

Nylon 'T' Handle Catches

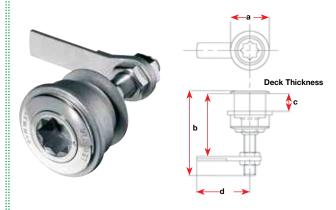
Glass reinforced nylon base is durable and is suitable for installation in aluminium boats without requiring insulators. Available with cast stainless steel handle or glass reinforced nylon handle. Stainless steel mechanism.



							BLA Code	Colour	Handle	Outside Dia.	Cut Out	Lock Range	Mount Screws
	BLA	Length	Width	Intrusion	Split	Mount	100000	1471 ''		mm	mm	mm	mm
	Code	_			•	Screws	193222	White	Nylon	63	51	32-45	5 c/s
		mm	mm	mm	mm	mm	193239	Black	S/Steel	63	51	32-45	5 c/s
	402074	57	35	20	45/12	3 c/s	193240	White	S/Steel	63	51	32-45	5 c/s
:::							 						

Lewmar[®] Cockpit **LEWMAR**® Locker Hatch - Cast Stainless Steel

High quality 316 investment cast catch designed for any boat. Easy operation via a sheet winch handle (refer page 1011). Features watertight 'O' ring seal and adjustable deck thickness.



BLA	аø	b	С	d
Code	mm	mm	mm	mm
287330	52	111	12-45	86

Vantage Down Under™ Catch

- Stainless Steel

Strong, compact, over centre catch. Totally covered mechanism when closed. Reach length can be adjusted. Complete stainless steel construction.



BLA Code	Length Closed	Width	Height Closed	Mount Screws
	mm	mm	mm	mm
193250	70-78	29	23	4 r/h

Link Lock Rotary Action Catches

- Stainless Steel

Positive twist lock action catches. Twist handle folds flat when not in use. Supplied with keeper.

Ideal for lockers, hatches and in-line covers. All stainless steel construction. 193328 incorporates a tension spring to maintain fastened pressure and/or allow for movement.



mm mm mm mm 193320 Non-lockable 58 38 15 3 r/h 193322 Lockable 62 38 24 3 r/h 193324 Non-Lockable 50 38 15 3 r/h 193328 Spring Loaded 60 47 15 3 r/h	BLA Code	Style	Overall Length	Width	Height	Mount Screws
193322 Lockable 62 38 24 3 r/h 193324 Non-Lockable 50 38 15 3 r/h			mm	mm	mm	mm
193324 Non-Lockable 50 38 15 3 r/h	193320	Non-lockable	58	38	15	3 r/h
	193322	Lockable	62	38	24	3 r/h
193328 Spring Loaded 60 47 15 3 r/h	193324	Non-Lockable	50	38	15	3 r/h
	193328	Spring Loaded	60	47	15	3 r/h

Marine Town® Slimline **Hatch Fasteners**

Marine Town

Over centre cam action catch available in chrome plated cast brass or cast 316 grade stainless steel construction. Complete with eye for up to 6mm padlock. Shackle available in flat or angled mount.



BLA Code	Material	Style	Length	Width	Height Closed	Mount Screws
			mm	mm	mm	mm
193241	Stainless Steel	Flat	95	28	19	4 c/s
193242	Chrome Brass	Flat	95	32	18	4 c/s
193243	Stainless Steel	Angled	87	28	19	4 c/s
193244	Chrome Brass	Angled	87	32	18	4 c/s

Marine Town® Toggle Catches



Over centre cam action catch with provision for up to 6mm padlock shackle. Available in cast 316 grade stainless steel or chrome plated cast brass construction.



BLA Code	Material	Length	Width	Height	Mount Screws
		mm	mm	mm	mm
193246	Chrome Brass	97	46	25	4 c/s
193247	Stainless Steel	100	46	25	4 c/s

Marine Town® Cam Action Catch



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel spring loaded over centre cam action catch. Totally covered mechanism when closed presents smooth, anti-snag, modern profile. Available with optional key lock mechanism.





BLA Code	Key Lock	Overall Length	Width	Height	Mount Screws
		mm	mm	mm	mm
193254	No	82	25	18	4 c/c
193256	Yes	82	25	18	4 c/s

Accessories: **193229** Spare key



Hatch Fasteners - Rubber

Moulded in black EPDM rubber with pressed stainless steel brackets. 'T' handle for ease of operation. Ideal for applications where there is constant vibration, movement or misalignment.

BLA Code	Length	Width	Depth	Mount Screws	
	mm	mm	mm	mm	
193350	75	48	20	3 r/h	HELI
193352	106	60	32	5 r/h	193350
193354	150	79	32	5 r/h	193330

Adjustable Cam-Action Fasteners - Stainless Steel

Pressed stainless steel construction. Over centre cam action. Length can be adjusted via threaded stem. Security eye for padlock incorporated in base.



BLA Code	Overall Closed mm	Width mm	Height Closed mm	Mount Screws mm	Padlock Shackle mm
193272	84-96	26	16	4 c/s	6
193274	147-159	40	23	4 c/s	9

Marine Town® Door Stop Catches



- Cast Stainless Steel

Self latching door catch to hold door in open position. Rubber bumper stop to protect door. Cast 316 grade stainless steel construction.



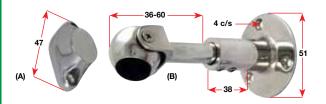


BLA Code	Stand Off mm	Base Dia. mm	Tab Base mm	Tab Height mm	Mount Screws mm	
193288	62	50	24x30	17	4 c/s	
193289	87	50	24x30	17	4 c/s	

Marine Town® Adjustable **Door Catch - Cast Stainless Steel**



Multi-position adjustable length with magnetic self aligning catch. Magnetic catch allows instant operation. Holding power is 3kg. Cast stainless steel housing with magnet encapsulated in epoxy to protect against marine conditions.



BLA Code	Description
193294	Adjustable door catch (A & B)

Accessories:

193295 Additional base only (A)

Screw Hatch Fastener - Chrome Brass

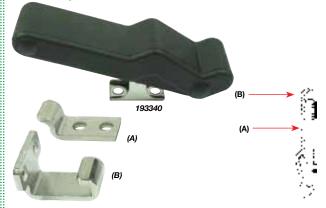
Solid chrome plated cast brass construction. Screw down tension adjustment via knurled nut.



BLA Code	Mount Base	Max Length	Stem Size	Adjustment	Mount Screws
	mm	mm	mm	mm	mm
193280	40 x 30	93	9	42	4 c/s

Cam Action Catches - Elastomer

Combination over centre tensioning action with elastomer stretch body. Made from black thermoplastic elastomer, glass reinforced nylon and stainless steel.



BLA Code	Keeper	Length Closed	Width	Height	Mount Screws
		mm	mm	mm	mm
(A) 193340	Concealed	98	32	20	4 r/h
(B) 193342	Right Angled	112	32	20	4 r/h

Marine Town® Flexible Catch - Elastomer

A constant pressure fastener that can be used in almost any application, even around corners. Radiused edges to prevent hang-up or injury. Self aligning. Made from black thermoplastic elastomer and glass reinforced nylon.



BLA Code	Length	Width	Depth	Mount Screws
	mm	mm	mm	mm
193360	106	48	28	5 r/h

Marine Town® Door Catches

- Stainless Steel

Strong and secure, roller operation for ease of use. Doors are held firmly yet release with ease when required thanks to the roller action of the clamp.



BLA Code	Clamp Base mm	Tongue Base mm	Depth Closed mm	Mount Screws mm
193064	34 x 20	31 x 18	29	4 r/h
193065	40 x 35	41 x 22	41	4 r/h

Perko® Door Stop - Chrome Plated

Chrome plated zinc alloy base with a rubber bumper to protect door.



USA 3

BLA Code	O.D.	Depth	Mount Screws
	mm	mm	mm
401978	32	17	3 c/s

Perko® Door Stop and Catch

- Chrome Plated

Chrome plated bronze base, stem and hook. Rubber bumper protects door surface. Hook holds door in the open position.





BLA Code	Base Dia. mm	Stand Off mm	Saddle Base mm	Mount Screws mm
401984	45	53	31 x 17	4 c/s

Marine Town® Magnetic **Door Catch - Cast Stainless Steel**

Designed primarily as a door catch, but suitable for many other applications. Powerful magnet holds approximately 3kg. Cast 316 grade stainless steel housing with magnet capsulated in epoxy to protect against marine conditions. Pivoting magnetic spherical section self aligns.



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-	2	1/1		
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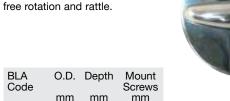
Code	Description
193293	Door catch complete

Accessories:

193295 Additional base only (A)

Door Catch - Stainless Steel

Premium quality, 7mm thick, highly polished cast stainless steel construction. Smooth action with positive detents in closed and open position. Mount screws are hidden when catch is in closed position. Friction pad on lock bar prevents



Anti-Rattle Lift Rings - Stainless Steel

Manufactured in polished, pressed stainless steel. Single finger lifting ring is spring loaded to prevent rattle.

5 c/s



BLA Code	Face	Intrusion	Mount Screws
	mm	mm	mm
193714	76 x 57	11	4 c/s
193716	66 x 56	11	4 c/s
193718	44 x 38	10	4 c/s



Marine Town® Lift Ring



- Stainless Steel

Smooth, low profile lines, rounded edges and oversized spring loaded anti-rattle handle. Concealed fastening holes and mirror polished stainless steel construction combine to deliver a unique lift ring handle. Suitable for interior or exterior use on hatches, doors, lockers and similar.



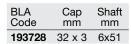


BLA Code	Face mm	Intrusion mm	Protrusion mm	Mount Screws mm
193701	51	13	4.5	4 c/c
193702	51 x 51	13	4.5	4 c/s

Marine Town® Hatch Pull

- Stainless Steel

A simple but neat drop down mushroom handle for lifting floor boards and similar. The top disk has a reversed bevelled edge to ensure easy initial grip at the fully down position. 1/4" installation hole.



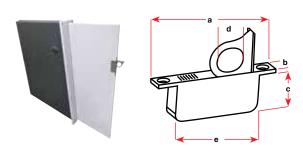


Marine Town[®] Concealed Door Ring Pull - Cast Stainless Steel



Cast 316 grade stainless steel internal door pull. Compact, flush design, spring loaded release mechanism allows the large ring pull to be exposed when activated. Fully enclosed body protects mechanism and aids installation.





BLA Code	а	b	С	d	е	Mount Screws
	mm	mm	mm	mm	mm	mm
193734	85	12	27.5	10	27	4 c/s

Floor Lifting Ring - Stainless Steel

Polished, pressed stainless steel base. Solid rod stainless steel two finger grip. For lifting larger size floorboards, hatches and similar.



BLA Code	Face	Intrusion	Mount Screws
	mm	mm	mm
193722	76 x 58	8	5 c/s

Marine Town® Rectangular Lift Rings - Chrome Brass



Single finger flush pull in chrome plated cast brass. For lifting smaller size floorboards, hatches and similar.



BLA Code	Face	Intrusion	Mount Screws
	mm	mm	mm
193700	51 x 38	8	4 c/s
193708	62 x 47	9	4 c/s

Concealed Pull - Nylon

Unobtrusive, flush surface when not in use. Simply push to expose handle. Can be mounted on vertical and horizontal surfaces. Nylon handle and enclosed nylon housing. Ideal for cupboards, lockers, floorboards and similar. Mounting screws supplied.



BLA Code	Length	Width	Intrusion	Working Load
	mm	mm	mm	kg
193730	81	21	29	70

Marine Town® Round Lift Ring



- Chrome Brass

Single finger flush ring pull in chrome plated cast brass. For lifting smaller size floorboards, hatches and similar.



BLA Code	O.D.	Intrusion	Mount Screws
	mm	mm	mm
193706	52	13	4 c/s

Marine Town® Rectangular Lift Ring - Chrome Brass



Two finger flush lift handle in chrome plated cast brass. For lifting larger size floorboards, hatches and similar.



BLA Code	Face	Intrusion	Mount Screws
	mm	mm	mm
193710	76 x 53	8	5 c/s

Rectangular Lift Ring - Stainless Steel

Single finger, cast stainless steel flush pull. Suitable for use on smaller floorboards, ice box lids, hatches and similar.



BLA Code	Face	Intrusion	Mount Screws
	mm	mm	mm
193720	48 v 38	12	1 c/s

Spring Release Hinges

Manufactured from U.V. stabilised moulded plastic with stainless steel fastener support plates. The spring loaded slide pin allows quick and easy removal of hatches, locker doors and similar. Suitable for use on both vertical and horizontal surfaces. Sold as a pair, one left and one right.



BLA Code	Colour	Length	Width	Depth	Mount Screws
		mm	mm	mm	mm
193660	Black	73	50	13	5 r/h

Marine Town® Butt Hinges



- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel construction. Mirror polished 4mm thick hinge plates. Radiused edges, no sharp corners. Close tolerance and invisible welded in pin, minimises vibration induced rattle. Sold as a pair.





BLA Code	Length	Width Flat	Depth	Mount Screws
	mm	mm	mm	mm
193468	101	82	11	6 c/s
193470	150	98	13	6 c/s

Non Mortise Butt Hinge

- Stainless Steel

Does not require recessing into door frame. Pressed, polished stainless steel construction. Sold as a pair.



Butt Hinges - Stainless Steel

Medium duty pressed stainless steel butt hinges. Sold as a pair.





BLA Code	Length	Width Flat	Depth	Mount Screws
	mm	mm	mm	mm
193592	50	40	6	3 c/s
193594	73	50	8	4 c/s
193596	88	60	9	5 c/s
193598	104	75	10	5 c/s
193622	75	40	6	5 c/s



Butt Hinges - Brass

Extruded brass construction. Brass pin. Sold as a pair.





			193402
BLA	Length	Width	Mount
Code		Flat	Screws
	mm	mm	mm
193402	38	22	3 c/s
193404	51	27	3 c/s
193406	63	35	4 c/s
193408	76	41	4 c/s
193410	101	60	5 c/s



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Marine Town® Hatch Hinge

- Cast Stainless Steel

Extra heavy duty cast stainless steel construction. Designed for heavy deck hatches, engine boxes, and similar. Removable pin. Sold as a pair.



BLA Code	Length Flat	Width	Height	Split	Mount Screws
	mm	mm	mm	mm	mm
193438	69	72	30	47/20	5 c/s

Marine Town® Dual Pivot Hinge

- Cast Stainless Steel

Twin pivot pins with link plate. Totally flat for flush mounting but still providing 180° hinging. 316 grade cast stainless steel construction. 2mm thick hinge plates. Sold as a pair.





BLA Code	Length Flat	Width	Depth	Mount Screws
	mm	mm	mm	mm
193448	71	41	7	4 c/s

Marine Town® Hinges

- Cast Stainless Steel

Heavy duty cast 316 grade stainless steel construction and mirror polished. Manufactured with 5mm thick plates and a 12mm diameter barrel. Close tolerance and invisible welded in pin minimises vibration induced rattle. Sold as a pair.



BLA Code	Length Flat	Width	Height	Split	Mount Screws
	mm	mm	mm	mm	mm
193483	120	35	13	77/43	5 c/s
193485	82	35	13	41/41	5 c/s

Strap Hinges - Cast Stainless Steel

Heavy duty cast 316 grade mirror polished stainless steel. 4mm thick hinge plates. Sold as a pair.



BLA Code	Length Flat	Width	Height	Mount Screws
	mm	mm	mm	mm
193480	104	26	9	5 c/s
193482	155	26	9	5 c/s

Hinges - Stainless Steel

Light duty pressed stainless steel construction. Raised form complements the aesthetics and increases stiffness. Plate thickness is 2mm. The hinge barrel is rolled. Pressed end solid stainless steel pivot pin. Sold as a pair.



BLA Code	Length Flat	Width	Height	Split	Mount Screws
	mm	mm	mm	mm	mm
193524	105	31	7	53/53	4 c/s
193526	156	31	7	78/78	4 c/s
193528	131	31	7	78/53	4 c/s



Marine Town® Friction Hinge - 316 Grade Stainless Steel

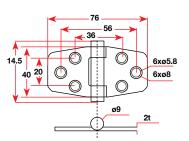


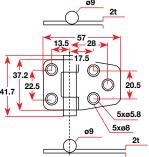
Features:

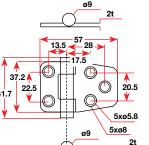
- · Revolutionary technology designed into hinge barrel construction creates constant torque
- · Design to hold door open without any torque adjustment
- · Ideal for overhead door, baitwell lids, glove box, interior door, anchor locker, electronic panel and smaller
- No stays required
- Passed 10,000 cycle test within 10% decrease in torque; 20,000 cycle test within 20% decrease
- Passed 500 hour salt-spray test
- · Bright polished finish

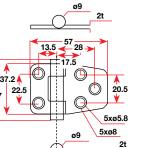
28.2

· Sold as a pair











193352F





Hold door open at any angle

4xø8.2 BLA Size Screw Code 193550F 38 x 38 #8 or M4 193552F 38 x 57 #8 or M4

38 x 76

Marine Town® Seam Friction Hinge

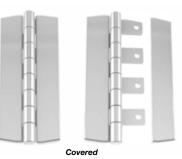
#8 or M4

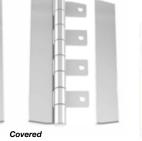
4xø5.8

- Covered & Uncovered

193556F

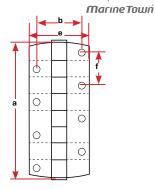
- · Revolutionary technology designed into hinge barrel construction creates constant torque
- · Designed as a piano hinge with torque
- Designed to hold door open without any torque adjustment
- · Ideal for different sizes of doors like overhead door, baitwell lids. glove boxes, access doors, interior doors, anchor lockers, electronics panels, hatches and similar
- Passed 10,000 times cycle test and lost less than 20% on torque, 20,000 times lost less than 25%
- Passed 500 hour salt-spray test
- #6 R/H fastener is required
- Patented
- Sold singularly

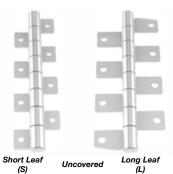




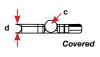


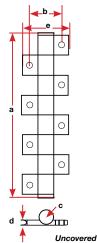












BLA Code	Description	Leaf	a mm	b mm	c mm	d mm	e mm	f mm
193420	Uncovered	S	51	28.2	9.5	1.9	19.2	24
193422	Uncovered	S	75	28.2	9.5	1.9	19.2	24
193424	Uncovered	S	99	28.2	9.5	1.9	19.2	24
193426	Uncovered	L	79.2	45	9.5	2	35	25.4
193428	Uncovered	L	104.6	45	9.5	2	35	25.4
193430	Uncovered	L	130	45	9.5	2	35	25.4
193432	Covered	-	79.2	46.8	9.5	6	35	25.4
193434	Covered	-	104.6	46.8	9.5	6	35	25.4



Marine Town[®] Hinges - Cast 316 Grade Stainless Steel



This range of hinges combine the durability of cast 316 grade stainless steel construction with low profile unobstructive design. The plates are only 3mm thick, yet have been tested to a break load of 1200kg. Hinge pins are not visible. They are welded at both ends and highly polished to blend with the hinge barrel. Because the pin is locked to one base plate and hinge barrel joint gap is kept to less than 0.2mm, there is minimal hinge play and rattle with engine vibration. Sold as a pair.



BLA Code	Length Flat	Width	Depth	Split	Mount Screws	Off Set
	mm	mm	mm	mm	mm	mm
193452	76	38	7	38/38	4 c/s	_
193454	108	38	7	40/68	4 c/s	-
193456	144	38	7	72/72	4 c/s	-
193460	50	38	17	15/35	4 c/s	10
193462	50	38	7	25/25	4 c/s	-
193464	60	38	7	25/35	4 c/s	-
193466	70	38	7	35/35	4 c/s	-
193472	76	38	7	38/38	4 c/s	-
193473	106	38	7	53/53	4 c/s	-
193474	60	38	7	40/20	4 c/s	-
193475	74	38	7	54/20	4 c/s	-
193476	38	38	7	19/19	4 c/s	-
193477	52	50	7	26/26	4 c/s	-
193478	104	26	7	52/52	4 c/s	_
193479	154	26	7	77/77	4 c/s	_



Hinges - Stainless Steel

Medium duty pressed stainless steel hinges. Plate thickness is 2mm and the hinge barrel is rolled. Pressed end, solid stainless steel pivot pin. Sold as a pair.





















BLA Code	Length Flat	Width	Depth	Split	Mount Screws	Off Set	
	mm	mm	mm	mm	mm	mm	O A
193536	36	41	20	18/18	4 c/s	10	- Ha
193540	66	41	20	18/48	4 c/s	10	OHO
193542	75	41	30	23/52	4 c/s	20	To a H
193550	40	41	10	20/20	4 c/s	_	
193552	56	41	10	18/38	4 c/s	_	193578 193576
193554	86	41	10	38/48	4 c/s	-	
193556	76	41	10	38/38	4 c/s	-	
193570	78	41	10	39/39	4 c/s	-	
193572	126	41	10	37/89	4 c/s	-	
193574	178	41	10	89/89	4 c/s	_	
193576	74	41	10	37/37	4 c/s	_	
193578	107	38	7	41/66	4 c/s	_	



Marine Town® Covered Hinges - Stainless Steel



All of the fast and easy installation advantages of a conventional pressed stainless steel hinge, but with the addition of a stainless steel cover plate to hide fastenings. An added advantage of the covers is that it assists in shedding water away from screw holes. Covers are held in place with permanent adhesive pressure sensitive tape. Covers can be removed without damage by using a heat gun to soften adhesive. Sold as a pair.



Piano Hinge - Brass

Handy, continuous hinge, designed to be cut to any length. 101 uses for lids, doors and similar. Pre-drilled fastening holes. Sold individually.



BLA Code	Length	Width Open	Depth Open	Mount Screws	Hole Centre
	mm	mm	mm	mm	mm
193414	2000	31	3	3 c/s	60

Separating Hinges - Cast Stainless Steel

Polished cast 316 grade stainless steel construction. Extra heavy duty low profile separating hinge to suit engine covers, ice boxes and similar. 8mm thick hinge plates. Sold individually.



BLA Code	Hand	Length	Width Flat	Depth	Mount Screws
		mm	mm	mm	mm
193491	Left	99	106	17	6 c/s
193492	Right	99	106	17	6 c/s

Separating Hinges - Cast Stainless Steel

Polished cast stainless steel. Extra heavy duty separating hinge to suit engine covers, ice boxes and similar. 5mm thick hinge plates. Sold individually.





BLA Code	Hand	Length Flat mm	Width mm	Depth mm	Mount Screws mm
193486	Left	90	52	18	5 c/s
193487	Right	90	52	18	5 c/s

Piano Hinges - Stainless Steel

Handy, continuous polished stainless steel hinge. Designed to be cut to any length for all lids, doors and similar. Sold individually.



BLA Code	Length	Width Open	Depth Open	Mount Screws	Hole Centre
	mm	mm	mm	mm	mm
193588	2000	32	3	3 c/s	60

Hinge - Chrome Plated Seperating

Manufactured from polished chrome plated brass with stainless steel spring and pin. Suitable for vertical or horizontal mounting of hatches, locked doors, or any door or panel that needs to be hinged and

to be hinged and removed. Supplied as a pair - one left, one right.



BLA Code	Length	Width Open	Depth	Mount Screws
	mm	mm	mm	mm
193657	70	63	13	5 c/s

Hinges - Nylon

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Solid construction for commercial or heavy duty applications. Strong U.V. stabilised black nylon with stainless steel pins. Contoured shape has no sharp edges. 8mm thick hinge plates. Sold as a pair.



BLA Code	Length Flat	Width	Depth	Split	Mount Holes
	mm	mm	mm	mm	mm
193682	80	53	16	40/40	5 c/s
193684	80	79	16	40/40	5 c/s
193686	80	103	16	40/40	5 c/s
193690	100	53	16	40/60	5 c/s
193692	120	53	16	60/60	5 c/s

Separating Hinge - Nylon

Satin finished white U.V. stabilised all nylon construction commonly used on ice box lids. Hinge can be separated when in the fully open position, allowing total removal of the cover or lid. Pivots 80° forward and 80° backward of inline position. Sold as a pair.



BLA Code	Length Flat	Width	Depth	Split	Mount Screws
	mm	mm	mm	mm	mm
193644	78	77	20	28/50	5 r/h

Hinges - Nylon

Manufactured in three styles in black or white. Frosted finish, U.V. stabilised glass filled nylon with stainless steel pins. Suitable for both internal and external use. Sold as a pair.



BLA Code	Colour	Length Flat mm	Width	Depth	Mount Screws mm
100670	White				4 c/s
193670		40	37	10	4 C/S
193672	Black	40	37	10	4 c/s
193674	White	60	37	10	4 c/s
193676	Black	60	37	10	4 c/s
193678	White	80	37	10	4 c/s
193680	Black	80	37	10	4 c/s

Door Hinge - Self Holding

Automatically holds doors open to 120°. Secure snap on covers hide fastenings for a very clean appearance. Stainless steel detent tube and black acetal construction. Sold as a pair.



BLA Code	Length Flat	Width	Depth	Mount Screws
	mm	mm	mm	mm
193699	52	57	18	5 c/s

Marine Town[®] Covered Hinge - Nylon



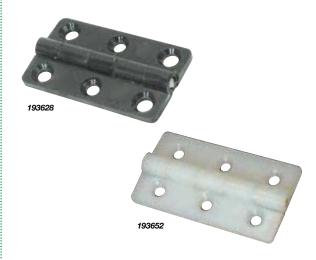
Strong U.V. stabilised black nylon hinge with snap on cover plate to hide fastenings. Stainless steel pins for strength and contoured shape has no sharp edges. Suitable for both internal and external use. An added advantage of the covers is that it assists in shedding water away from screw holes. Sold as a pair.



BLA Code	Length Flat	Width	Depth	Mount Screws
	mm	mm	mm	mm
193668	82	41	11	4 c/s

Butt Hinges - Nylon

Moulded from tough nylon. Stainless steel pivot pin. Sold as a pair.



BLA Code Black	White	Length mm	Width Flat mm	Depth mm	Mount Screws mm
193628	193650	38	22	5.5	3 c/s
193630	193652	51	28	7	3 c/s
193632	193653	64	35	7	3 c/s
193634	193654	76	41	9.5	5 c/s
193636	193655	89	50	10	5 c/s
193638	193656	101	59	12.5	5 c/s

Hinged Handle - Nylon

Satin finished white U.V. stabilised all nylon construction. Commonly used as carry handle for ice box. Designed for installation on vertical surfaces, the handle hangs flat when not in use, in the carry position the handle locks at 45° above square, allowing the handle to be easily gripped, forehand or backhand. Contoured shape with no sharp edges.



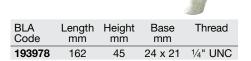
BLA Code	Handle Height mm		Hand Height mm		Width mm	Mount Screws mm
193640	112	19	84	55	129	5 r/h

Marine Town® Hand Rail



- Stainless Steel

Versatile size and styling enable this handle to be used for doors, drawers, engine covers, hatches, or as a single hand grab rail. Manufactured from 304 grade stainless steel. 24mm x 18mm oval tube. Threaded inserts welded in base for concealed fastening from beneath.



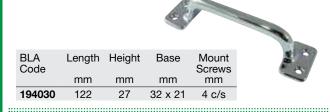
Hand Rails - Stainless Steel

Manufactured from 22mm highly polished stainless steel tube. Choice of 5/16" UNC recessed nuts, or studs welded into the 32mm round bases

BLA Code	Length mm	Туре	Height mm	Stud Length mm
194004	260	Threaded	60	35
194006	335	Threaded	60	35
194007	485	Threaded	60	35
194008	235	Stud	60	35
194010	310	Stud	60	35
194012	465	Stud	60	35

Grab Handle - Chrome Plated Brass

Solid chrome plated cast brass handle.



Soft Grip Grab Handles - Plastic

This square line styled grab handle is moulded in high impact plastic with a soft leather grained vinyl, non-slip finish. Snap covers conceal bolt holes.



Grab Handles - Stud Mount

Contour styled grab handle, moulded from flexible polypropylene. Leather grain finish soft grip.



BLA Code	Colour	Length	Width	Height	Mount Studs
		mm	mm	mm	mm
194060	Black	235	35	58	1/4" UNC
10/1062	White	235	35	58	1/4" LINIC

Marine Town® Hand Rails

- Stainless Steel

24mm x 18mm oval stainless steel tube. Mount disks can be removed allowing the handle to be mounted directly to the deck via bolting from under the deck into the

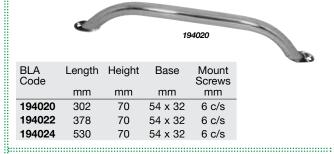
threaded inserts welded in base handle.

BLA Code	Length	Height	Base Dia.	Mount Screws
	mm	mm	mm	mm
193994	256	60	57	6 c/s
193996	333	60	57	6 c/s
193998	483	60	57	6 c/s



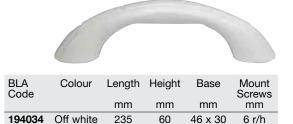
Hand Rails - Stainless Steel

25mm highly polished stainless steel tube with 4mm thick mount pads for through bolting.



Grab Handle - Covered Screws

Streamlined, moulded handle with built in fastening covers. Soft textured finish cover over moulded plastic frame, modern contoured shape.



Grab Handles - Snap Cover

OEM styled hard grip handle with integrated hinged caps, which snap over the mount holes so fasteners are not visible after

194046

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mounting. No loose caps makes installation handling easier and eliminates cap loss. Textured to blend with most interior or exterior applications.

					7
BLA Code	Colour	Length	Height	Base	Mount Screws
		mm	mm	mm	mm
194046	Black	225	57	40 x 29	6 r/h
194048	White	225	57	40 x 29	6 r/h

Adjuster Arm - Stainless Steel

Light duty pressed stainless steel support for hatches and windows. Black plastic locking knob. 35mm x 19mm mount one end, 48mm x 12mm mount the other.



BLA Code	Length	Mount Screws
	mm	mm
193752	240-410	4 r/h

Telescopic Hatch Support - Chrome Brass

Suitable for medium duty applications. Large hex clamping nut locks support into position. One mount attachment swivels, the other pivots.



BLA Code	Length	Push Rod Dia.	Mount Bases	Mount Screws
	mm	mm	mm	mm
193754	290-470	9	45 x 19	5 c/s

Spring Support Arm - Stainless Steel

Stainless steel spring style hatch and window support. When hatch or window is in an open position the spring coil becomes a rigid support. To close, apply side pressure to the middle of the spring coil and the support will collapse to a closed position.

BLA Code	Overall Length	Spring Dia.	Mount Bases	Mount Screws
	mm	mm	mm	mm
193760	280	11	40 x 13	4 r/h

BLA Drink Holders - Adjustable

Coil spring loaded adjustable retainer arms, holds drinks from 70mm to 85mm diameter. Mounts on any flat vertical surface. Folds flat to protrude just 24mm. Moulded from U.V. stabilised plastic.



BLA Code	Colour	Size Folded mm	Size Open mm	Mount Screws mm
194114	Black	93 x 98 x 24	93 x 98 x 98	5 c/s
194116	White	93 x 98 x 24	93 x 98 x 98	5 c/s

BLA Drink Holders - Plastic

Mounts onto any flat vertical surface. When not in use the unit folds down to protrude only 24mm. Fold out the retainers to hold glasses up to 75mm in diameter. Moulded in tough U.V. stabilised plastic.



BLA Code	Colour	Size Folded mm	Size Open mm	Mount Screws mm
194110	Black	93 x 98 x 24	93 x 98 x 98	5 c/s
194111	Grey	93 x 98 x 24	93 x 98 x 98	5 c/s
194112	White	93 x 98 x 24	93 x 98 x 98	5 c/s

Marine Town® Drink Holders



Attractive one and two drink holder designs manufactured from 316 grade stainless steel. Suitable for a wide range of craft including sports boats, cruisers and yachts. Fastening from below with 1/4" bolts presents clean style and finish.

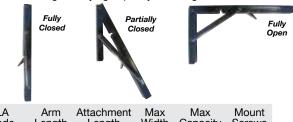


BLA Code	Holder Qty	Holder I.D. mm	Height mm	Mount Hole Centres mm	Mount Bolts
194130	1	90	72	103	2 x 1/4"
194132	2	90	72	201	2 x 1/4"

Marine Town[®] Folding Support Bracket - Stainless Steel



Pressed stainless steel folding bracket ideal for use as a seat or table support. The spring loaded mechanism locks and releases with a simple squeeze to be stored flush when not in use. Maximum weight carrying capacity of 150kg.



BLA Code			Max Width	Max Capacity	Mount Screws
	mm	mm	mm	kg	mm
193012	300	160	35	150	4 r/h

Table Bracket Set - Stainless Steel

Used to mount a table on to bulkheads and be easily removed when not in use. Set comprises of four pieces, two wall and two table.



BLA Code	Wall Bracket	Table Bracket	Mount Screws
	mm	mm	mm
193010	84x53	73c44	5 c/s

Recessed Drink Holders

Manufactured from super tough poly material which resists sunlight and chemicals. This drink holder has a large diameter lip to provide a neat installation. A hose tail on the bottom accepts 10mm ID hose so any spills, spray or rainwater can be drained away. Holds drinks up to 90mm in diameter and accepts stubbies with coolers.



194103

BLA Code	Colour	Cut Out Dia. mm	Outside Dia. mm	Inside Dia. mm	
					mm
194102	Black	95	110	90	88
194103	White	95	110	90	88

.....

Recessed Drink Holders

- Stainless Steel

Manufactured from pressed stainless steel. Flush mounts into any horizontal surface. **194107** is fitted with a hose tail in the base that accepts 6mm ID hose so spills, spray or rain is drained away.



BLA Code	Cut Out Dia.	Outside Dia.	Inside Dia.	Intrusion
	mm	mm	mm	mm
194106	70	88	67	43
194107	95	110	93	100



Recessed Deck Filler Panel - Plastic

Moulded recessed panel to adapt deck fillers to fit into vertical panels. Will accept deck fillers with a maximum base diameter of 70mm. White, U.V. resistant ABS plastic.



BLA Code	Height	Width	Intrusion	Mount Screws
	mm	mm	mm	mm
192382	203	178	85	4 r/h

Pocket Storage Box

Versatile white ABS moulded storage box for consoles and similar.



BLA Code	Face Size	Cut Out	Intrusion	Mount Screws
	mm	mm	mm	mm
194068	240 x 140	207 x 107	100	5 c/s

Glove Box with Drink Holders

Contoured shape moulded from U.V. stabilised plastic. Incorporated in the lid are two pop out drink holders. Stainless steel and cast zinc alloy, thumb press lock supplied with two keys. Holds drinks up to 90mm diameter.



BLA Code	Door Size mm	Cut Out mm	Intrusion mm	Mount Screws mm
194072	340 v 132	300 v 100	155	5.0/9

Accessories:

194073 Replacement lock and key

Ski Mirror - Chrome Plated

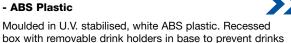
Shatterproof chrome plated cast zinc alloy constructed convex lens, provides wide angled rear viewing. Mirror can be mounted to either the dash or to top of the windscreen. Allen key locking multi position adjustment - allen key included.



BLA Code	Width	Height	Mount Base	Mount Screws
	mm	mm	mm	mm
194190	183	83	23 v 70	5 c/s

SSI Recessed Drink Holder

- ABS Plastic



box with removable drink holders in base to prevent drinks from falling. Ideal for sailing boats. Holds drinks up to 90mm diameter.

BLA	Face	Cut	Intrusion	
Code	Size	Out		
	mm	mm	mm	
194100	310 x 230	278 x 195	135	

Glove Box - Plastic

Box and door are constructed of durable, U.V. stable plastic. Door opens on a stainless steel hinge pin and has a key lockable press button, cast zinc alloy latch. Two keys included.



BLA Code	Door Colour	Door Size	Cut Out	Intrusion	Mount Screws
		mm	mm	mm	mm
194070	Black	350 x 139	303 x 107	168	4 r/h

Accessories:

194073 Replacement lock and key

Glove Box

Moulded from U.V. stabilised black plastic. Rounded door for original equipment aesthetics with no sharp edges to catch clothing or crew. Key lockable door, supplied with two keys. Stainless steel lock shell, cast zinc alloy lock mechanism.



BLA Code	Door Size	Cut Out	Intrusion	Mount Screws
	mm	mm	mm	mm
194077	340 x 132	300 x 100	155	5 c/s

Accessories:

194073 Replacement lock and key

Ski Mirror

Large convex lens for maximum vision. U.V. stabilised plastic encased glass mirror. Chrome plated cast zinc alloy universal mount bracket suits dash, overhead and windscreen frame mounting.



BLA Code	Width	Height	Mount Base	Mount Screws
	mm	mm	mm	mm
194192	303	103	23 x 70	6 c/s

Transom Step - Nylon

Black nylon transom step. Non-skid pattern on top and front face. May also be used as a hand grip.



BLA Code	Length	Depth	Height	Mount Holes
	mm	mm	mm	mm
194196	165	62	43	6 r/h

Boarding Ladders

Portable boarding ladders which can be hooked over a rail, gunwale or transom. Adjustable stand-offs and white vinyl coated swivelling hooks protect the boat from damage. Will fit over gunwales up to 200mm wide. Aluminium and white moulded polypropylene construction. Available in three step or four step.



BLA Code	Steps	Overall Height mm	Overall Width mm
194200	3	890	375
194202	4	1130	375

Perko® Step Tread

- Chrome Plated Brass

Combines attractive style with positive grip. Chrome plated brass frame with a soft black PVC tread insert. Sold as a pair.



BLA Code	Length	Width	Protrusion	Mount Screws
	mm	mm	mm	mm
401904	185	38	9	4 c/s

Telescopic Boarding Ladders

- Stainless Steel

PERKO®

USA :

тагіпетоші

Two or three step, fold down telescopic boarding ladder designed for mounting on horizontal surfaces such as duckboards or pontoons. Highly polished fabricated stainless steel construction.





BLA Code	Steps	Extended Length	Retracted Length	Width	Mount Screws
		mm	mm	mm	mm
194218	2	590	340	290	5 c/s
194220	3	875	370	290	5 c/s

Marine Town® Telescopic **Boarding Ladder**

- Stainless Steel

Stainless steel boarding ladder designed to mount horizontally under a duck board or marlin board. Three grooved nylon step treads offer non slip traction when wet. Supplied with velcro belt to retain ladder while not in use.



BLA Code	Steps	Extended Length mm	Retracted Length mm	Width mm	Mount Screws mm
194232	3	890	375	305	6 r/h

Marine Town® Folding **Telescopic Ladder** - Stainless Steel

A three step ladder that folds and telescopes. 316 grade stainless steel throughout. Step rungs are pressed oval for comfort and are fitted with anti-slip. Pivoting mount brackets provide easy installation. 10° to transom.



	BLA Code	Steps	Extended Length	Retracted Length	Width	Protrusion	Mount Screws
			mm	mm	mm	mm	mm
1	194260	3	910	450	243	200	6 r/h

BLA Marine Biminis - Premium Quality



All that is necessary to determine which size top to order is choosing the length, height and width that best accommodates your boat and your requirements.

Using a tape measure, decide which length top covers the portion of the boat you want covered, i.e. 1650mm or 2400mm.

The pivotal mounting point will be approximately at the centre point of the top of each side of the boat. The deck mounts included with the top are designed to mount on a relatively flat horizontal surface. Side mounts are supplied with this product.

After determining where the pivotal mount location will be on each side of the boat, measure the distance between these mounting points to determine the width of top you need.

While standing inside the boat, measure from the pivotal mounting point straight up to determine desired height. Once you have all the measurements, simply go to the sizing chart on this box and select the one you need. All of the instructions are supplied in the box.

Features:

- Rated to 40 knots when fully open
- 100% polyester top
- · Bimini sock and rear support arms are included



2 Bow Bimini Top

BLA Code	Colour	Width m	Height m	Cover m
194560	Grey	1.1-1.3	1.1	1.65
194562	Black	1.1-1.3	1.1	1.65
194564	Navy	1.1-1.3	1.1	1.65
194566	Grey	1.3-1.5	1.3	1.65
194568	Black	1.3-1.5	1.3	1.65
194570	Navy	1.3-1.5	1.3	1.65

3 Bow Bimini Top

BLA Code	Colour	Width m	Height m	Cover m
194572	Grey	1.5-1.7	1.3	1.8
194574	Black	1.5-1.7	1.3	1.8
194576	Navy	1.5-1.7	1.3	1.8
194578	Grey	1.8-2.0	1.3	1.8
194580	Black	1.8-2.0	1.3	1.8
194582	Navy	1.8-2.0	1.3	1.8

4 Bow Bimini Top

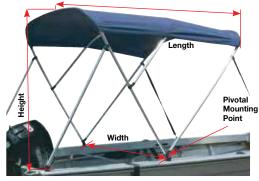
BLA Code	Colour	Width m	Height m	Cover m
194584	Grey	1.5-1.7	1.3	2.4
194586	Black	1.5-1.7	1.3	2.4
194588	Navy	1.5-1.7	1.3	2.4
194590	Grey	1.8-2.0	1.3	2.4
194592	Black	1.8-2.0	1.3	2.4
194594	Navy	1.8-2.0	1.3	2.4

Accessories:

194596 Bimini Clears to suit 1.5m - 1.7m includes zip 194598 Bimini Clears to suit 1.8m - 2.0m includes zip



Bimini in Targa Position for Towing



Bimini Fully Open

BLA

BLA Rocket Launchers - Premium Quality

In order for a BLA Rocket Launcher to fit your bimini you will need to do the following:

- Ensure your bimini has rear support arms
- You will need to measure the width of your bimini
- As BLA Rocket Launchers come in 2 different widths, there will be one that suits your needs
- Once you know the width of your bimini, refer to the list below for the one that best suits your needs

All you need to put the Rocket Launcher on your bimini is a Phillips Head screwdriver. All BLA Rocket Launchers will fit all BLA Biminis.

Features:

- Rated to 40 knots
- · Quality sturdy frame
- 2 different widths
- · Easy to fit
- Australian owned and designed





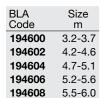
BLA Code	Width m	Rod Holders
394604	1.5-1.7	5
394606	1 8-2 0	6

BLA Towable Boat Covers - Heavy Duty

Features:

- · New ripstop waterproof fabric
- U.V. & mildew resistant
- · Wear patches sewn into nose and stern corners to reduce wear
- · Support pole stud sewn into cover
- · Ratchet for superior tightening
- Cover designed for towing (includes buckles and straps)
- Storage bag included
- Air vent
- · Australian owned and designed





Ratchet for superior

tightening

Bucklet and strap



Wear patches at nose

and stern corners

Support pole stud sewn into cover

Air vent

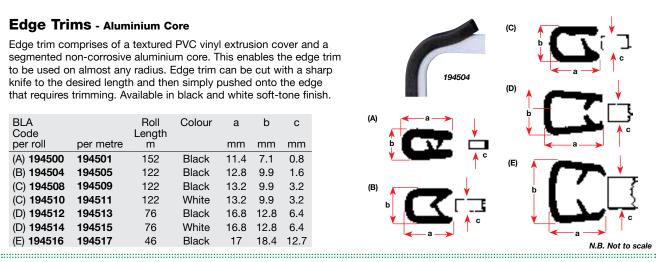
Nose tie-down



Edge Trims - Aluminium Core

Edge trim comprises of a textured PVC vinyl extrusion cover and a segmented non-corrosive aluminium core. This enables the edge trim to be used on almost any radius. Edge trim can be cut with a sharp knife to the desired length and then simply pushed onto the edge that requires trimming. Available in black and white soft-tone finish.

BLA Code		Roll Length	Colour	а	b	С
per roll	per metre	m		mm	mm	mm
(A) 194500	194501	152	Black	11.4	7.1	0.8
(B) 194504	194505	122	Black	12.8	9.9	1.6
(C) 194508	194509	122	Black	13.2	9.9	3.2
(C) 194510	194511	122	White	13.2	9.9	3.2
(D) 194512	194513	76	Black	16.8	12.8	6.4
(D) 194514	194515	76	White	16.8	12.8	6.4
(E) 194516	194517	46	Black	17	18.4	12.7



Canopy Bow Ends - Nylon & Stainless Steel

Designed to fit internally into most popular tube sizes. Available in black or white nylon and stainless steel.

BLA Code	Material		ibe .D.	Tube Wall Thickness		а	b	С
		mm	in	mm	g	mm	mm	mm
195002	Black Nylon	20		1.6		16.6	7	7
195003	White Nylon	20		1.6		16.6	7	7
195004	Black Nylon	25		1.6		21.8	6.5	7
195005	White Nylon	25		1.6		21.8	6.5	7
195006	Black Nylon	25		3.0		19	6.5	7
195014	Stainless Steel	25	7/8	3.0	16	18.6	6.5	7
195015	Stainless Steel	25	1	1.6	16	21.8	8	7
195016	Stainless Steel	32	1 1/4	1.6	16	28.4	8	7



N.B. Italic indicates sizing to suit S/S imperial tube.

Adaptor Sleeve - Nylon

Moulded in black nylon, this sleeve enables a 195006 and 195014 bow end to fit 1" x 16g imperial stainless steel tube.



BLA	Inside	Outside	Length
Code	Dia.	Dia.	
	mm	mm	mm
195080	19	22.2	32

Canopy Bow Ends - Cast Stainless Steel External

Manufactured from stainless steel. Sized to fit externally onto popular canopy size tubing. Cast 316 grade stainless steel with highly polished finish.



					BLA Code		ibe .D. mm	b mm	c mm	
BLA Code	Inside Dia.	Outside Dia.	Length		195017 195018	7/ ₈ 1	22 25	7 6	7 7	
	mm	mm	mm		195019	1	25	8	7	
195080	19	22.2	32		195021	1 1/4	32	7	6.5	

Canopy Bow Knuckles - Stainless & Nylon

Available in black or white nylon, or 316 grade stainless steel. Sized to fit all popular tubing.



Nylon

BLA Code	Colour	Tube in	O.D. mm	Screw	С
				mmø	mm
195022	Black	3/4	20	6	8
195023	White	3/4	20	6	8
195024	Black	7/8	22	6	8
195025	White	1	25	6	8
195026	Black	1	25	6	8

Stainless Steel

BLA Code	Tube	O.D.	Screw	С
	in	mm	mmø	mm
195035	7/8	22	6	7.5
195028	1	25	6	8
195030	1	25	8	12
105037	1 1/4	30	Ω	Ω

Stainless Steel Split Open

Enables fitting to existing canopy tubes without dismantling or removal of end fittings.

BLA Code	Tube in	O.D. mm	QR	b mmø	c mm
195027	7/8	22	Yes	6	8
195029	1	25	Yes	6	8
195031	7/8	22	No	6	8
195033	1	25	Nο	6	8

Marine Town® Snap-In Plunger Catch

Ingenious design utilises flush female plunger cup receptor and customised male plunger. Attach the plunger to seat cushions, hatch covers, doors, panels or overhead ceiling panels. Plunger engages within the receptors flexible internal rubber lip for strong and secure holding power. Receptor accommodates a wide range of panel thicknesses. Manufactured from durable nylon and rubber and stainless steel. Mini kit includes one receptor plus three plungers of varying lengths, large kit includes one receptor and plunger each. Marking punch available to ensure correct alignment.

BLA Code	Kit Type	Marking Punch	Holding Power kg	Plunger Dia. mm	Plunger Length/s mm	Receptor Overall Dia. mm	Receptor Cut Out mm	Receptor Intrusion mm	Panel Thickness
193362	Mini	193363	8	12.5	11, 13.5, 16	39	32	46	1-14
193364	Large	193365	17	25.4	27	60	50	57	3-19



193363 Marking Punch t/s **193362 193365** Marking Punch t/s **193364**



193364

Plunger

Canopy Deck Mounts

- Cast Stainless Steel and Nylon

Moulded in white and black nylon, or cast in 316 grade stainless steel. Available in fixed mount, pivot and quick release options.

Fixed - Nylon

195040 and 195041 mount canopies at 90° to deck, however the inherent flex properties of nylon compensates for installations of up to 10° off square. 195042 it incorporates a stainless steel nut insert for additional thread security.



BLA Code	Colour	Base Dim. mm	Height mm	b dia. mm	c mm	Mount Screws mm
195040	Black	55 x 20	20	5	7	4 c/s
195041	White	55 x 20	20	5	7	4 c/s
195042	Black	60 x 20	30	6	8	5 c/s

Pivot - Nylon

Connects canopy to any camber of deck, can even be side mounted.



BLA Code	Base Dim.	Height	b dia.	С	Mount Screws	
	mm	mm	mm	mm	mm	
195048	63 x 20	52	6	8	6 c/s	

Fixed

- Stainless Steel

Available to connect canopy at 90° to deck or at 10° off square to deck. Quick release option also available.



BLA Code	Mount	Quick Release	Base Dim. mm	Height mm	b dia. mm	c mm	Mount Screws mm
195051	90°	Yes	60 x 19	36	6	8	5 c/s
195053	10°	Yes	60 x 19	36	6	8	5 c/s
195054	90°	No	62 x 18	36	6	7	5 c/s
195056	10°	No	57 x 20	36	6	7	5 c/s
195055	10°	No	62 x 25	39	8	8	6 c/s

Pivot - Stainless Steel

Connects canopy to any camber of deck, can even be side mounted. Friction pad in base to prevent rattle.



Canopy Side Mounts

- Cast Stainless Steel and Nylon

Fitted in conjunction with canopy bow ends for mounting of canopy to vertical and near vertical surfaces such as coaming sides. Moulded in black nylon or cast 316 grade stainless steel.





BLA Code	Material	Base Dim.	Protrusion	Pivot Bolt	Mount Screws
		mm	mm	mm	mm
195060	Black Nylon	43	28	6	3 c/s
195066	Stainless Steel	51 x 23	31	6	5 c/s
195071	Stainless Steel	72 x 47	31	8	6 c/s

Marine Town® Tube Hinges

- Cast Stainless Steel

These tube hinges allow bimini tops and other sun shades to be easily and compactly folded. Cast from 316 grade stainless steel and mirror polished. Available in locking or non-locking versions. The locking version has a pull to release, push to lock detent pin. Commonly used in tensioning extension tubes on strapless

canopies. Grub screws secure tube in socket.





Marine Town

BLA Code	Tube Dia.		Lock Pin	Length
	in	mm	mm	mm
195075	7/8	22	Yes	79
195076	1	25	No	75
195077	1	25	Yes	75



Canopy Bow Joiners

Available in aluminium.



195110

BLA Code	Material	Suits Tube	ŭ
		O.D. wall	mm
195110	Alloy	20 x 1.6	106
195112	Alloy	22 x 1.6	114
		25 x 3.0	114
195114	Alloy	25 x 1.6	114

Canopy Strap Buckles - Nylon

Available as either a straight strap buckle or with a 'D' loop for a combination of strap attachment and adjustment. Moulded in black nylon.



BLA Code	Description	Strap mm	Length mm
195180	Strap Buckle	25	26
195182	'D' end Buckle	25	54

Canopy Tube End Clamp - Nylon

One end snaps around a tube and the other end inserts into a tube. Moulded in black nylon.



BLA Code	Tube Size mm O.D. wall
105130	20 v 1 6

Marine Town® Canopy Rail Mount - Stainless Steel



Used in conjunction with canopy bow ends. Concave base for connection to 20-25mm tube.



BLA Code	Base Dim.	Height	b	Mount Screws
	mm	mm	mm	mm
195057	57 x 20	32	6	5 c/s

Canopy Strap Buckle - Stainless Steel

Stainless steel canopy strap buckle to suit 25mm webbing.



BLA Code **195184**

Canopy Thumb Screw - Nylon

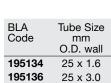
Moulded black nylon thumb screw with stainless steel thread. Suits popular canopy fittings.



BLA Code **195122**

Canopy Tube Ends 'T' - Nylon

Used to clamp tubes at right angles. One end fits to side of tube and is through bolted, while the other end fits internally in second tube. Internal hex socket accepts nut measuring 10-11mm across the flat. Moulded in black nylon.





Canopy Key Lock Strap Fittings Buckle

- Stainless Steel

This fitting combines a self locking cam buckle with a twist lock mount post and flush deck socket. To remove canopy strap, press the buckle cam lever to release strap tension, rotate the buckle 90° and lift buckle out from deck socket. When buckle is removed the deck fitting protrudes only 3mm. A key arrangement in the socket locks strap fittings in socket, unless they are turned side on to normal angle of pull. All 316 grade stainless steel construction.



BLA	Strap Max.
Code	mm
195187	25

Socket - Stainless Steel

Flush fitting key lock socket as supplied with 195187 above and 195189 below. Available as a separate fitting for when multiple mount positions are required. All 316 grade stainless steel construction.



BLA Code	Face	Mount Hole	Intrusion	Mount Screws
	mm	mm	mm	mm
195188	45 x 23	13	13	5 c/s

Key Lock Ring - Stainless Steel

Provides a removable attachment point for canopy straps. Includes keyed removable ring and flush deck socket. To remove, turn ring sideways to base plate and lift out, eye remains locked in at any other position. All 316 grade stainless steel construction.



BLA		Protrusion
Code	I.D.	
	mm	mm
195189	10	23

Tube End - Nylon

Internally fitted tube end that facilitates the mounting of a length of tube to deck or coaming. Two required per tube. Moulded in black nylon.



BLA Code	Tube Size mm	Height	Mount Base	Mount Screws
	O.D. wall	mm	mm	mm
195170	20 x 1.6	28	20 x 20	3 c/s

Lashing Hook - Nylon

Used to hook shock cord or canopy strap end buckle on to flat vertical surfaces. Moulded in black nylon. Accepts up to 8mm shock cord.



BLA Code	Width	Height	Depth	Mount Screws
	mm	mm	mm	mm
195210	40	25	14	4 c/s

Mount Bracket - Nylon

Used to mount canopy tubes. Also commonly used in utilities and RVs for tonneau cover support rods. Moulded in black nylon.



BLA Code	Width	Height	Depth	Mount Screws
	mm	mm	mm	mm
195160	45	23	19	5 r/h

Press Clips

Comprising of a cap, stud and socket. This Stayput press clip is the corrosion free alternative to conventional metal press studs. Designed primarily for marine applications where fabric covers need to be attached to a solid surface. Manufactured from U.V. stable nylon/acetal. Fabric fittings simply press together. Bases are available to suit installation on a flat surface or a curved base is available for secure fixing to 25mm tube. Sold in packs of 25.



BLA Code	Description	Colour	Dia.	Height mm	Mount Screws mm
105200	Con	White	18	4	
195320	Cap	vviiite	10	4	5
195322	Cap	Black	18	4	5
195324	Stud	White	18	6	5
195326	Stud	Black	18	6	5
195328	Flat Base	White	16	7	3 c/s
195330	Flat Base	Black	16	7	3 c/s
195332	Tube Base	White	16	7	3 c/s
195334	Tube Base	Black	16	7	3 c/s

Utility Stretch Loops - Nylon

Moulded nylon head fitting with shock cord loop for tensioning canopies and covers as well as securing ice box lids and similar.



BLA Code	Colour	Overall Length mm	Cord Dia. mm	Mount Screws mm
195190	Black	90	5	4 r/h
195192	White	90	5	4 r/h
195194	Black	140	8	4 r/h

Canopy Strap Hook - Stainless Steel

Stainless steel canopy hook, to suit 25mm webbing.



BLA Code	Length	Width	Strap Max
	mm	mm	mm
195186	32	36	25 x 5

Shock Cord Loops

Simple installation to varying thickness of fabric without the need for special tools. The unique Stayput design has several benefits;

- Greater contact area with the fabric reduces the risk of damage to the fabric and tear out
- Brass crimp on the shock cord resists corrosion
- Fitting can be removed and be re-fitted with new shock cord without damage to the fabric



BLA Code	Colour	Overall Length mm	Cord Dia. mm	Cap mm	Fabric Hole mm
195196		90	5	30ø x 13	6.5
195197		90	5	30ø x 13	6.5

Shock Cord Buttons

Attachment buttons for use with canopy stretch loops. Moulded in U.V. stabilised nylon or 316 grade stainless steel.



195204	1952	206	195209	
Colour	Cord Dia. mm	Outside Dia. mm	Protrusion mm	Mount Screws mm
Black Nylon	5	13	10	4 c/s
White Nylon	5	13	10	4 c/s
Black Nylon	8	18	15	4 c/s
White Nylon	5	18	14	4 c/s
White Nylon	5	18	15	4 c/s
White Nylon	8	18	15	4 c/s
Stainless Steel	8	19	13	4 c/s
	Black Nylon White Nylon Black Nylon White Nylon White Nylon White Nylon	Colour Cord Dia. mm Black Nylon 5 White Nylon 5 Black Nylon 8 White Nylon 5 White Nylon 5 White Nylon 5 White Nylon 8	Colour Cord Dia. mm Outside Dia. mm Black Nylon 5 13 White Nylon 5 13 Black Nylon 8 18 White Nylon 5 18 White Nylon 5 18 White Nylon 8 18	Colour Cord Dia. mm Outside mm Protrusion mm Black Nylon 5 13 10 White Nylon 5 13 10 Black Nylon 8 18 15 White Nylon 5 18 14 White Nylon 5 18 15 White Nylon 8 18 15

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Marine Town[®] Canopy Strap Snap Hook - Stainless Steel

MarineTown

Suits webbing up to 25mm. Solid 316 grade stainless steel construction.



BLA Code	Length	Width	Strap Max
	mm	mm	mm
195185	50	34	25 x 5

Tube Holders - White Nylon

Handy nylon clips to store oars, paddles, boat hooks and similar.



BLA Code		ibe ia. in	Mount Base mm	Mount Screws mm
193806	19	3/4	21 x 27	3 r/h
193808	25	1	23 x 17	3 c/s
193812	32	1 ¹ / ₄	29 x 18	3 c/s
193816	38	1 1/2	34 x 18	3 c/s
193818	45	13/4	39 x 23	4 c/s

- Stainless Steel

All bases are manufactured from 3mm thick, grade 316 grade stainless steel and are pre polished. A time and cost effective option for fabricating pushpits, pulpits, stanchions and hand rails.

Marine Town® Weld On Rail Bases

Round Bases - Internal Bolt

Centre bolt to be welded in place before tube is welded. Provides neat concealed fastening installation.

BLA Code	Dia.	Bolt Hole
	mm	mm
196104	38	8 r/h
196106	50	8 r/h



Tube Holders

BLA Code

193824 193826

Versatile black nylon snap in holders. Secures oars, paddles, boat hooks, plumbing and similar. Large bearing surface reduces scuffing. Sold as a card of 12 pairs.



Tube Dia. mm	
5-35	
0-50	



Round Bases - External Fastening





Stayput Fasteners

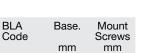
A time proven canopy fastening system, moulded from high quality U.V. stable nylon, producing corrosion free operation. No spring and no need for pressure for closure design. Sold in packs of 25.



BLA Code	Mount	Eyelets	Colour	Base mm	Eyelet I.D. mm	Mount Hole mm
195302	Horizontal	Single	White	35 x 16	9	3 c/s
195303	Horizontal	Single	Black	35 x 16	9	3 c/s
195304	Horizontal	Double	White	35 x 16	9	3 c/s
195305	Horizontal	Double	Black	35 x 16	9	3 c/s
195306	Vertical	Single	White	35 x 16	9	3 c/s
195307	Vertical	Single	Black	35 x 16	9	3 c/s
195308	Vertical	Double	White	35 x 16	9	3 c/s
195309	Vertical	Double	White	35 x 16	9	3 c/s

Oval Bases

BLA



6 r/h

Rectangular Bases

196114 76 x 31



BLA Code	Base.	Mount Screws
	mm	mm
196118	80 x 45	6 r/h

Canvas to Canvas Stayput Fasteners

Same moulded nylon/acetal spring free, no pressure for closure design as regular Stayput fasteners, but configured to connect fabric to fabric, such as vinyl bimini to clears. Sold in packs of 25.

BLA Code	Colour	Eyelets	Mount O.D. mm	Eyelet I.D. mm
195312	White	Single	22	9
195313	Black	Single	22	9
195314	White	Double	22	9
195315	Black	Double	22	9



Round Bases with Socket



BLA Code	Tube Angle		Base. Dia. mm	Mount Screws mm
196154	90°	25	74	6 c/s



Lashing Eye/Hook - Nylon

Moulded in tough U.V. stabilised nylon.





BLA Code	Туре	Colour	Base	Max Rope	Mount Screws
			mm	mm	mm
195230	Eye	White	34 x 22	10	3 c/s
195232	Eye	Black	34 x 22	10	3 c/s
195240	Hook	White	34 x 22	10	3 c/s

Lashing Eye/Hook - Cast Stainless Steel

Stainless steel construction for strength and durability.





BLA Code	Туре	Base Size mm	Height mm	Max Rope mm	Mount Screws mm
195222	Hook	27 x 27	19	6	3 c/s
195224	Eye	33 x 27	21	8	3 c/s

BLA Boat Rego Letters & Numbers

Popular self-adhesive, square font, matte finish. Sold as pairs.

















BLA

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'W' denotes white character

'P' denotes single pair

*150mm black on white products are to suit WA regulations