

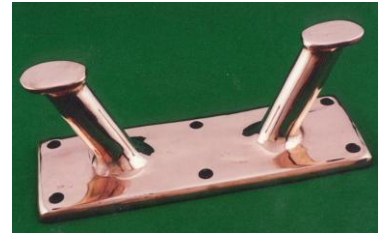
AUSCO PRODUCTS

273 CAMBOON ROAD
MALAGA WA 6090

PHONE: (08) 9248 5077

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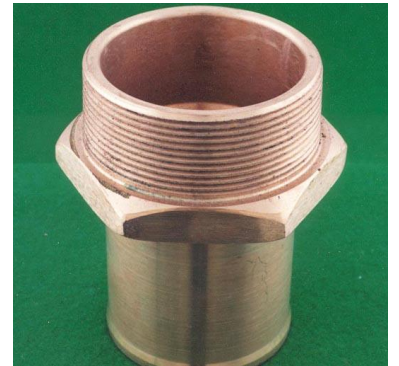
**MANUFACTURERS OF QUALITY
MARINE HARDWARE**

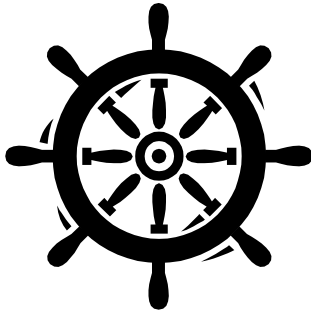
**SPECIALIZING IN BRONZE AND ALUMINIUM
CNC MACHINING**



PRODUCT CATALOGUE

WE CAN ALSO CAST FROM YOUR OWN PATTERNS





AUSCO PRODUCTS

ABN: 65 052 413 073
273 CAMBOON ROAD
MALAGA WA 6090

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MANUFACTURERS OF QUALITY MARINE HARDWARE

COMPANY PROFILE

Ausco Products is a West Australian owned and operated company, which specialises in the manufacture of both bronze and aluminium marine hardware and general engineering.

Ausco Products utilizes its own non-ferrous foundry/workshop which specialises in the fabrication of precision components together with general maintenance work, reclamation and manufacturing.

Our engineering department comprises of:-

CNC MACHINERY

1. CNC Lathe - Okuma LB300M- 370 diameter x 500 mm length with barfeed to 65mm.
2. CNC Lathe - Okuma LB15 CADET Lathe – 340 mm diameter x 990 mm length.
3. CNC Lathe - Okuma LB 300 Lathe - 340 mm diameter x 500 mm.
4. Two Okuma MV55 Machining Centres - 1000 x 550 x 450 mm.

MANUAL MACHINERY

5. 3 Meter Lathe with digital readout.
6. 2 Meter Lathe.
7. Radial Arm Drill – 1500 meter arm.
8. Pratt & Whittley Slotter - 6.5” stroke.
9. Microcut Mill with digital readout.
10. Amada Bandsaw - 250 diameter with shuttle vices.
11. Forklift.
12. Coldsaw – 300 mm diameter.
13. Spark Eroder.

All of our work is of a high quality standard, which is produced both on time and at the most cost-effective price to all our customers.

We cater to clients in the following areas: Shipping, Mining, Transportation, Construction, Oil & Gas.

Our office hours are: Monday – Thursday 7.30 am to 5.30pm
Friday 7.30 am – 3.30pm

OUR MACHINERY

1. OKUMA MV-55VA MACHINING CENTRES
Work area 1000 X 550 X 450mm (two).



2. OKUMA LB300M LATHE WITH BARFEEDER
Work area 370 X 500mm;
barfeeder up to 65 diameter x 4.2 metres.

3. OKUMA LB15II Work area 340 x 990mm
OKUMA LB300 LATHE
Work area 340 X 500mm





TERMS & CONDITIONS OF SALE

1. SUITABILITY The customer must satisfy themselves as to the suitability of the product prior to purchase.

2. ORDERS All orders are to be in writing accompanying a purchase order where applicable.

3. PRICES Pricing is subject to change without notice. However quoted prices will be met.

4. PAYMENT Payment is to be made on collection of goods.

5. ACCOUNTS Account are to be paid within 30 days of the invoiced date. Failure to comply may result in the cancellation of trading accounts.

6. TITLE RETENTION Title of goods remain the property of Ausco Products until paid in full.

7. FREIGHT Freight charges are the responsibility of the purchaser.

8. LOSS OR DAMAGE Care is taken when goods are despatched and Ausco Products do not accept any responsibility for any loss, damage or shortage occurring in transit, however caused.

9. RETURNS Goods supplied in accordance with customer instructions may, if accepted for credit, be subjected to a 10% re-handling fee. Specially made items, other than stock lines are non-refundable.

10. WARRANTY Ausco Products will not be liable for any loss, injury, or damage caused arising through the use, failure, unsuitability or defect of goods supplied.

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AUSCO CATALOGUE

Metals: **B = BRONZE** ; **A = ALUMINIUM**

Finish: **B = buffed**; **P = polished**; **C = chrome plated** (bronze only).

Example: A2/BS-P = anchor chock, bronze, small, polished finish.

A2 ANCHOR CHOCK (SET)

Code	size	mm nose	mm shaft	mm flight	kg weight	
A2/BS	Small	85 - 89	14	30	0.75	BRONZE
A2/BL	Large	93 - 150	18	10 - 40	1.30	
A2/BXL	XLarge	95 - 115	26	31 - 70	1.85	
A2/AS	Small	85 - 89	14	30	0.35	ALUMINIUM
A2/AL	Large	93 - 115	18	10 - 40	0.75	
A2/AXL	XLarge	95 - 115	26	31 - 70	0.85	



A3 OUTBOARD BRACKETS (PAIR)

Code	size	mm base	mm extend	kg weight	
A3/BS	Small	145 x 36	160	3.85	BRONZE
A3/BL	Large	145 x 36	230	5.60	
A3/AS	Small	145 x 36	160	1.10	ALUMINIUM
A3/AL	Large	145 x 36	230	1.60	



B1 DOUBLE BOLLARD

Code	size	mm base	mm height	kg weight	
B1/B4	4"	100 x 25	28	0.10	BRONZE
B1/B5	5"	125 x 28	30	0.20	
B1/B6	6"	150 x 50	50	0.70	
B1/B7	7"	180 x 35	57	0.90	
B1/B8	8"	200 x 52	66	1.30	
B1/B9	9"	220 x 55	70	1.50	ALUMINIUM
B1/A4	4"	100 x 25	28	0.04	
B1/A5	5"	125 x 28	30	0.07	
B1/A6	6"	150 x 50	50	0.25	
B1/A7	7"	180 x 35	57	0.32	
B1/A8	8"	200 x 52	66	0.46	
B1/A9	9"	220 x 55	70	0.53	



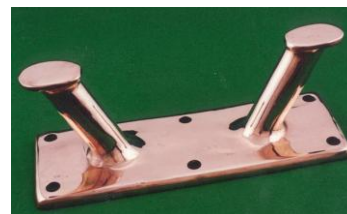
B2 STREAMLINED DOUBLE BOLLARD

Code	size	mm base	mm height	kg weight	
B2/B5	5"	130 x 70	54	1.00	BRONZE
B2/A5	5"	130 x 70	54	0.35	ALUMINIUM



B3 RAKED BOLLARD

Code	size	mm base	mm height	kg weight	
B3/B/01	10 x 4"	250 x 100	100	4.20	BRONZE
B3/B/02	12 x 3"	300 x 80	100	4.90	
B3/B/03	12 x 4"	300 x 105	100	5.10	
B3/A/01	10 x 4"	250 x 100	100	1.40	ALUMINIUM
B3/A/02	12 x 3"	300 x 80	100	1.50	
B3/A/03	12 x 4"	300 x 105	100	1.65	



B4 MOORING BOLLARD

Code	size	mm base	mm height	kg weight	
B4/BS	Small	88 x 88	86	1.00	
B4/BM	Medium	165 x 165	120	5.60	



B5 CROSS BOLLARD

Code	size	mm base	mm height	kg weight	
B5/B/01	3/4"	57 x 56	75	0.45	BRONZE
B5/B/02	1"	62 x 62	87	0.70	
B5/BS	30mm	67 x 67	98	1.00	
B5/B/03	1 1/4"	114 x 78	130	2.20	
B5/B/04	1 1/2"	137 x 88	155	3.35	
B5/B/05	2"	174 x 150	202	9.50	ALUMINIUM
B5/A/01	3/4"	57 x 56	75	0.15	
B5/A/02	1"	62 x 62	87	0.25	
B5/AS	30mm	67 x 67	98	0.40	
B5/A/03	1 1/4"	114 x 78	130	0.70	
B5/A/04	1 1/2"	137 x 88	155	1.00	
B5/A/05	2"	174 x 150	202	3.30	



B6 STREAMLINED CROSS BOLLARD

Code	size	mm base	mm height	kg weight	
B6/BS	Small	85 x 50	75	0.35	BRONZE
B6/BM	Medium	105 x 70	110	1.25	
B6/BL	Large	140 x 100	140	2.30	
B6/AS	Small	85 x 50	75	0.10	ALUMINIUM
B6/AM	Medium	105 x 70	110	0.44	
B6/AL	Large	140 x 100	140	0.80	



B7 TEE BOLLARD

Code	size	mm base diam	mm height	kg weight	
B7/B4	4"	58	62	0.30	BRONZE
B7/B5	5"	85	85	1.00	
B7/A4	4"	58	62	0.10	ALUMINIUM
B7/A5	5"	85	85	0.35	



B8 HEAVY DOUBLE BOLLARD

Code	size	mm base	mm height	kg weight	
B8/B	8"	195 x 63	66	1.90	BRONZE
B8/A	8"	195 x 63	66	0.67	ALUMINIUM

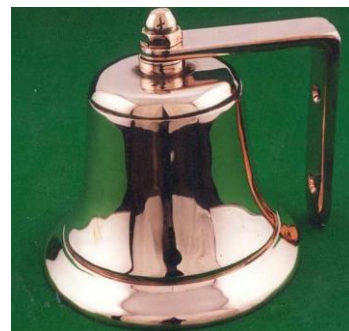

B12 HANGING BELLS

Code	size	mm diam	mm height	kg weight	
B12/4	4"	100	110	1.20	BRONZE ONLY
B12/5	5"	125	125	1.40	
B12/6	6"	150	130	1.70	
B12/8	8"	200	200	5.00	
B12/10	10"	260	300	15.60	
B12/12	12"	306	350	17.50	


B13 SHIP'S BELLS (with bracket)

Code	size	mm diam	mm height	kg weight	
B13/4	4"	100	110	1.20	BRONZE ONLY
B13/5	5"	125	125	1.40	
B13/6	6"	150	130	1.70	
B13/8	8"	200	200	5.00 *	
B13/10	10"	260	300	15.60	
B13/12	12"	306	350	24.00 *	

(* certified marine bells)


B14 HAND BELLS

Code	size	mm diam	mm height	kg weight	
B14/4	4"	100	166	0.80	BRONZE ONLY
B14/5	5"	125	200	1.25	
B14/6	6"	150	210	1.50	


B15 BOAT HOOKS - SINGLE 1" diameter

Code	size	mm length	kg weight	
B15/B1	1"	190	0.45	BRONZE
B15/A1	1"	190	0.15	ALUMINIUM


B16 BOAT HOOKS - SINGLE 1 1/4" diameter

Code	size	mm length	kg weight	
B16/B1	1 1/4"	200	0.80	BRONZE
B16/A1	1 1/4"	200	0.20	ALUMINIUM



B17		BOAT HOOKS - DOUBLE 1" diameter			
Code	size	mm length	kg weight		
B17/B1	1"	190	0.50	BRONZE	
B17/A1	1"	190	0.20	ALUMINIUM	

B18		BOAT HOOKS - DOUBLE 1 1/4" diameter			
Code	size	mm length	kg weight		
B18/B1	1 1/4"	200	1.00	BRONZE	
B18/A1	1 1/4"	200	0.35	ALUMINIUM	

B19		BOW EYES (Inclined or straight head)			
Code	diam	mm length	kg weight		
B19/01	3/8"	1 1/4"	0.08		
B19/02	3/8"	2"	0.10		
B19/03	3/8"	3"	0.15		
B19/04	3/8"	4"	0.18		
B19/05	3/8"	6"	0.20		
B19/06	1/2"	4"	0.25		
B19/07	1/2"	5"	0.30		
B19/08	1/2"	6"	0.35		
B19/09	1/2"	8"	0.40		

B20		BINNACLE RINGS			
Code	size	mm ring diam	mm base size	kg weight	
B20/S	Small	38	32 x 40	0.05	
B20/L	Large	45	50 x 55	0.20	

B21		BOW ROLLER 1"			
Code	size	mm tot length	mm base length	mm base width	kg weight
B21/B1	1"	165	150	55	0.40
B21/A1	1"	165	150	55	0.15
					BRONZE
					ALUMINIUM

B22		BOW ROLLER - FAIRLEAD 1"			
Code	size	mm tot length	mm base length	mm base width	kg weight
B22/B1	1"	165	150	55	0.50
B22/A1	1"	165	150	55	0.20
					BRONZE
					ALUMINIUM

B22/ROB BOW ROLLERS ONLY

Code	size	kg weight
B22/ROB/01	1"	0.15
B22/ROB/02	1 1/2"	0.40
B22/ROB/03	2"	0.45
B22/ROB/04	2 1/2"	0.50
B22/ROB/05	3"	0.70
B22/ROB/06	3 1/2"	1.65
B22/ROB/07	4"	2.10


B23 BOW ROLLER - STANDARD 1 1/2"

Code	size	mm tot length	mm base length	mm base width	kg weight	
B23/B1	1 1/2"	170	150	118	1.00	BRONZE
B23/A1	1 1/2"	170	150	118	0.35	ALUMINIUM


B23/PB BOW ROLLER - WITH PIN

Code	size	mm tot length	mm base length	mm base width	kg weight
B23/PB1	1 1/2"	170	150	118	1.05
B23/PB2	2"	230	250	170	2.50
B23/PA1	1 1/2"	170	150	118	0.35
B23/PA2	2"	230	250	170	0.75


B24 BOW ROLLER

Code	size	mm tot length	mm base length	mm base width	kg weight
B24/B/01	2"	230	225	61	1.15
B24/B/02	2 1/2"	250	235	75	2.40
B24/B/03	3"	260	245	87	2.55
B24/B/04	3 1/2"	270	260	108	4.60
B24/B/05	4"	390	290	120	10.00


B25 BOAT DRAIN PLUGS (BSP internal thread)

Code	size	mm top diam	mm height	kg weight	
B25/B/01	1/2" Whit	50	21	0.10	BRONZE
B25/B/02	1/2" Gas	50	21	0.10	
B25/B/03	3/4"	55	29	0.15	
B25/B/04	1"	65	35	0.25	
B25/B/05	1 1/4"	74	40	0.35	
B25/B/06	1 1/2"	83	42	0.40	
B25/A/01	1/2" Whit	50	21	0.05	ALUMINIUM
B25/A/02	1/2" Gas	50	21	0.05	
B25/A/03	3/4"	55	29	0.10	
B25/A/04	1"	65	35	0.15	
B25/A/05	1 1/4"	74	40	0.20	
B25/A/06	1 1/2"	83	42	0.25	



B26 BOAT DRAIN PLUGS - LONG SERIES (BSP internal thread)

Code	bung size	mm top diam	inch thread diam	mm thread length	kg weight	
B26/B/01	1/2"	50	3/4"	70	0.30	BRONZE
B26/B/02	3/4"	54	1"	75	0.35	
B26/B/03	1"	70	1 1/4"	80	0.70	
B26/B/04	1 1/4"	71	1 1/2"	90	0.80	
B26/B/05	1 1/2"	85	1 3/4"	95	1.00	
B26/A/01	1/2"	50	3/4"	70	0.10	ALUMINIUM
B26/A/02	3/4"	54	1"	75	0.15	
B26/A/03	1"	70	1 1/4"	80	0.20	
B26/A/04	1 1/4"	71	1 1/2"	90	0.35	
B26/A/05	1 1/2"	85	1 3/4"	95	0.40	


B26/PO BOAT DRAIN PLUGS ONLY

Code	size	kg weight
B26/PO/01	1/2"	0.03
B26/PO/02	3/4"	0.05
B26/PO/03	1"	0.15
B26/PO/04	1 1/4"	0.20
B26/PO/05	1 1/2"	0.25


B27 VENTURI DRAINER

Code	size	mm top diam	mm height	kg weight
B27	1"	66	30	0.30
B27/PO	Plug only	-	-	0.05


B28 WATER PICKUP

Code	size	mm height	kg weight
B28	1/2"	105	0.50


C1 STRAIGHT BAR CLEAT

Code	size	mm length	mm height	mm width	base width	base length	kg weight
C1/3	3"	80	26	10	32	52	0.05
C1/4	4"	104	29	10	32	60	0.10
C1/5	5"	133	36	14	44	64	0.20
C1/6	6"	156	36	16	45	64	0.25


C2 FLAT BAR CLEAT

Code	size	mm length	mm height	mm width	base width	base length	kg weight
C2/4	4"	104	28	19	20	45	0.15
C2/6	6"	146	31	23	24	56	0.30
C2/8	8"	203	37	25	31	77	0.65



C3 ROUND BAR CLEAT							
Code	size	mm length	mm height	mm width	base width	base length	kg weight
C3/8	8"	210	53	19	63	76	0.80



C4 HOLLOW BAR CLEAT							
Code	size	mm length	mm height	mm width	base width	base length	kg weight
C4/8	8"	210	45	18	57	105	0.65



C5 CLOSE BASE CLEAT							
Code	size	mm length	mm height	mm width	base width	base length	kg weight
C5/4	4"	99	20	14	20	43	0.05
C5/5	5"	125	24	14	21	48	0.10
C5/6	6"	151	32	16	28	62	0.25
C5/8	8"	210	35	17	24	62	0.50
C5/11	11"	300	65	40	45	120	3.50



C6 LEADING CLEAT							
Code	size	mm length	mm height	mm width	base width	base length	kg weight
C6/3	3"	81	19	11	19	48	0.05
C6/4	4"	102	24	13	22	64	0.08
C6/5	5"	125	25	15	23	71	0.10
C6/6	6"	149	29	17	27	75	0.15
C6/7	7"	170	32	21	24	96	0.30
C6/8	8"	201	40	24	35	122	0.60



C7 STREAMLINED CLEAT							
Code	size	mm length	mm height	mm width	base width	base length	kg weight
C7/4	4"	95	34	11	32	59	0.05
C7/6	6"	138	36	14	36	75	0.15



C8 OPEN BASE CLEAT square shape							
Code	size	mm length	mm height	mm width	mm base	kg weight	
C8/B1	11"	285	73	46	42 x 129	4.05	BRONZE
C8/A1	11"	285	73	46	42 x 129	1.25	ALUMINIUM



C9 OPEN BASE CLEAT round shape

Code	size	mm length	mm height	mm width	mm base	kg weight	
C9/B	12"	300	53	40	34 x 101	2.40	BRONZE
C9/B2	16"	410	70	50	40 x 105	4.50	
C9/A	12"	300	53	40	34 x 101	0.90	ALUMINIUM
C9/A2	16"	410	70	50	40 x 105	1.50	



C10 STERN CHOCK

Code	size	mm length	mm height	mm width	mm rope area	mm gap	kg weight
C10/3	3"	75	21	16	26 x 13	12	0.03
C10/4	4"	97	23	20	32 x 15	14	0.05
C10/5	5"	124	31	25	53 x 20	13	0.15
C10/6	6"	150	38	28	55 x 30	25	0.30
C10/7	7 1/2"	193	51	35	78 x 42	30	0.65
C10/10	10"	280	70	70	145 x 42	60	3.45



C11 CHAIN PLATES

Code	size	mm length	mm diam eye	mm width	kg weight
C11/3	3"	78	20	33	0.05
C11/4	4"	96	22	36	0.08
C11/5	5"				
C11/6	6"	155	24	39	0.10
C11/7	7"				
C11/8	8"				
C11/9	9"				
C11/10	10"	250	25	43	0.30
C11/11	11"				
C11/12	12"				
C11/17	17"				
C11/18	18"	455	65	95	2.50



C12 CHAIN EYE PLATES

	size	mm length	mm diam eye	mm width	kg weight
C12/18	18"				
C12/20	20"				
C12/24	24"	630	15	50	3.0



C13 STRAIGHT CHAIN PIPES

Code	size	mm diam	mm height	mm width	kg weight
C13/1	1 1/2"	37	58	78	0.50
C13/2	2"	52	70	90	0.60



C14 BENT CHAIN PIPES

Code	size	mm diam	mm height	mm width	kg weight
C14/1	1 1/2"	38	94	110	0.85
C14/2	2"	52	105	115	1.20
C14/3	3"	75	134	142	2.20



C15 OVAL CHAIN PIPES

Code	size	mm diam	mm width	kg weight	
C15/B	4 x 3"	38	94	0.85	BRONZE
C15/A	4 x 3"	52	105	1.20	ALUMINIUM



C16 HAWSE HOLES

Code	size	mm depth	kg weight	
C16/B	4 x 2"	35	0.70	BRONZE
C16/B4	4 x 3"	35	0.80	
C16/B6	6 x 3"	35	0.90	
C16/A	4 x 2"	35	0.45	ALUMINIUM
C16/A4	4 x 3"	35	0.50	
C16/A6	6 x 3"	35	0.65	



C17 CABIN DOOR HOOKS

Code	size	kg weight
C17	6"	0.70



C18 FLEXI DOOR HOOKS

Code	length	kg weight
C18/4	4"	0.30
C18/6	6"	0.35
C18/8	8"	0.40



C19 BAR CLEATS

Code	length	mm base length	mm height	kg weight	
C19/B	11"	140	45	1.70	BRONZE
C19/A	11"	140	45	0.80	ALUMINIUM



C20 WHARF CLEATS

Code	mm length	mm base length	mm width	mm height	kg weight	
C20/B/01	285	160	40	70	3.00	BRONZE
C20/A/01	285	160	40	70	1.00	ALUMINIUM



C21 ANGLE HAWSE HOLES

Code	size	mm height	kg weight	
C21/BS	4 1/2 x 3"	48	1.20	BRONZE
C21/BL	7 x 3 1/2"	50	1.50	
C21/AS	4 1/2 x 3"	48		ALUMINIUM
C21/AL	7 x 3 1/2"	50		



C22 HORNE CLEATS

Code	mm size	mm height	kg weight
C22	90	20	0.20



C23 CRAYFISH GAUGES

Code	size	kg weight
C23/S	Single	0.10
C23/D	Double	0.25



D1 DECK PLATES (BSP internal thread)

Code	size	mm height	top width	mm cutout	kg weight	
D1/B/01	3/4"	24	55	33	0.20	
D1/B/02	1"	35	61	40	0.25	
D1/B/03	1 1/4"	40	71	48	0.45	
D1/B/04	1 1/2"	42	80	56	0.60	BRONZE
D1/B/05	2"	52	100	70	1.10	
D1/B/06	2 1/2"	55	124	82	1.25	
D1/A/01	3/4"	24	55	33	0.15	
D1/A/02	1"	35	61	40	0.20	
D1/A/03	1 1/4"	40	71	48	0.25	
D1/A/04	1 1/2"	42	80	56	0.30	ALUMINIUM
D1/A/05	2"	52	100	70	0.45	
D1/A/06	2 1/2"	55	124	82	0.55	



D1/M DECK PLATES (BSP internal thread) MARKED (FUEL, WATER, WASTE or DIESEL)

Code	size	mm height	mm top width	mm cutout	kg weight	
D1/BM/01	1 1/4"	40	71	48	0.45	
D1/BM/02	1 1/2"	42	80	56	0.60	
D1/BM/03	2"	52	100	70	1.10	BRONZE
D1/BM/04	2 1/2"	55	124	82	1.25	
D1/AM/01	1 1/4"	40	71	48	0.25	
D1/AM/02	1 1/2"	42	80	56	0.30	
D1/AM/03	2"	52	100	70	0.45	ALUMINIUM
D1/AM/04	2 1/2"	55	124	82	0.55	



D2 DECK PLATES (SHORT TYPE)

4 and 6" complete with key, 8" key is optional extra

Code	size	mm height	top width	mm cutout	kg weight	
D2/B/01	3"	23	120	84	1.00	
D2/B/02	4"	26	140	108	1.35	BRONZE
D2/B/03	6"	28	210	159	2.65	
D2/B/04	8"	38	270	215	6.50	* Key extra
D2/A/01	3"	23	120	84	0.15	
D2/A/02	4"	26	140	108	0.40	ALUMINIUM
D2/A/03	6"	28	210	159	0.90	
D2/A/04	8"	38	270	215	2.05	* Key extra



D2/M DECK PLATES MARKED (FUEL, WATER, WASTE or DIESEL)

Code	size	mm height	mm width	mm cutout	kg weight
D2/M/01	3"	23	120	84	1.00
D2/M/02	4"	26	140	108	1.35
D2/M/03	6"	28	210	159	2.65



D3/K DECK KEYS

Code	to suit	kg weight	
D3/K	4"	0.20	
	6"	0.20	BRONZE
	8"	0.65	
D3/K	4"	0.10	
	6"	0.10	ALUMINIUM
	8"	0.25	



D3 DECK PLATES (RAISED CAP)

Code	diam	mm height	top width	mm cutout	kg weight	
D3/B1	1 1/2"	68	70	38	0.40	BRONZE
D3/B2	2"	68	78	51	0.60	
D3/A1	1 1/2"	68	70	38	0.20	ALUMINIUM
D3/A2	2"	68	78	51	0.25	



E1 EYE BOLTS

Code	diam	length	kg weight
E1/01	3/8"	3"	0.10
E1/02	3/8"	4"	0.15
E1/03	3/8"	5"	0.18
E1/04	3/8"	6"	0.20
E1/05	1/2"	3"	0.20
E1/06	1/2"	4"	0.22
E1/07	1/2"	5"	0.25
E1/08	1/2"	6"	0.30



E2 EYE PLATES

Code	diam	mm base length	mm base width	kg weight
E2/01	3/8"	50	32	0.20
E2/02	1/2"	50	35	0.25
E2/03	5/8"	64	27	0.15



E3 EXHAUST COVER

Code	size	mm length	mm width	mm height	kg weight
E3/01	2 1/2"	78	86	25	0.20
E3/02	3"	98	96	35	0.42
E3/03	4"	140	100		0.45



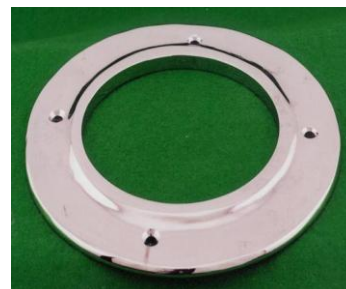
E4 EXHAUST FLANGE - PROTRUDING TYPE

Code	hose diam	mm length	mm width	kg weight
E4/01	1 1/2"	160	48	0.90
E4/02	2"	165	42	1.00
E4/03	2 1/2"	205	55	1.50
E4/04	3"	220	68	2.20



E5 EXHAUST FLANGE ONLY

Code	diam	mm flange width	kg weight
E5/01	1 1/2"	28	0.50
E5/02	1 3/4"		
E5/03	2"		
E5/04	2 1/2"		
E5/05	3"		
E5/06	4"		



EL ELBOWS

Code	diam	mm length	mm width	kg weight
EL/01	3/4 x 3/4"			
EL/02	1 x 1"			
EL/03	1 1/4 x 1 1/4"			
EL/04	1 1/2 x 1 1/2"	85	85	0.95
EL/05	2 x 2"	100	100	1.50



F1 FAIRLEADS

Code	length	mm length	mm width	mm rope area	mm gap	kg weight	
F1/B3	3"	80	15	12 x 35	15	0.20	
F1/B4	4"	100	15	18 x 38	16	0.25	
F1/B5	5"	130	22	18 x 55	25	0.40	
F1/B6	6"	150	22	25 x 75	28	0.50	
F1/B7	7"	175	27	28 x 82	48	0.65	BRONZE
F1/B8	8"	205	27	35 x 90	50	1.10	
F1/B10	10"	260	48	50 x 140	78	2.10	
F1/B12	12"	300	50	52 x 145	80	4.60	
F1/A3	3"	80	15	12 x 35	15	0.10	
F1/A4	4"	100	15	18 x 38	16	0.15	
F1/A5	5"	130	22	18 x 55	25	0.20	ALUMINIUM
F1/A6	6"	150	22	25 x 75	28	0.25	
F1/A7	7"	175	27	28 x 82	48	0.50	
F1/A8	8"	205	27	35 x 90	50	0.55	
F1/A10	10"	260	48	50 x 140	78	1.40	
F1/A12	12"	300	50	52 x 145	80	2.35	



F2 STREAMLINED FAIRLEADS

Code	length	mm length	mm width	mm rope area	mm gap	kg weight
F2/S3	3"	80	24	20 x 42	17	0.10
F2/S4	4"	100	27	25 x 55	22	0.25



F3 BOW CENTRE FAIRLEADS

Code	length	mm length	mm width	mm rope area	mm gap	kg weight
F3	4.5"	110	60	20 x 45-95	18	0.40



F4 MOORING FAIRLEADS

Code	length	mm length	mm width	mm rope area	mm gap	kg weight
F4	6"	150	60	30 x 50	35	0.80



F5 FLAGSTAFF SOCKETS straight

Code	width int	mm width int	mm height	mm base width	kg weight
F5/01	3/4"	19	55	56	0.25
F5/02	1"	25	64	68	0.35
F5/03	1 1/4"	31	86	64	0.50
F5/04	1 1/2"	38	105	87	0.80



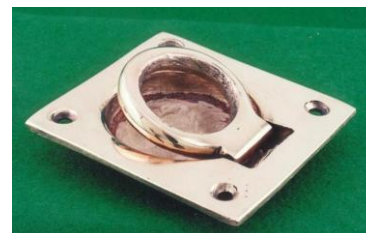
F6 FLAGSTAFF SOCKETS inclined

Code	width int	mm width int	mm height	mm base width	kg weight
F6/01	3/4"	19	55	55	0.25
F6/02	1"	25	64	70	0.35
F6/03	1 1/4"	31	84	65	0.50
F6/04	1 1/2"	38	100	88	0.80



F7 FLUSH PULLS

Code	width	kg weight
F7/01	2 x 1 1/4"	0.10
F7/02	3 1/4 x 2 3/8"	0.25
F7/03	3 1/4 x 3 5/8"	0.30
F7/04	3 3/4 x 3"	0.40
F7/05	4 1/2 x 1"	0.40



F8 FUEL BREATHERS

Code	diam	mm tot height	mm height top	kg weight
F8/01	1/2"	102	20	0.60
F8/02	3/4"	102	23	0.65



G1 GAME FISHING ROD HOLDERS

Code	type	mm hole diam	mm height	kg weight
G1/AM	adjustable	50		
G1/AS	adjustable	35		
G2/F	fixed	45	255	1.20
G3/D	thru deck	45	35	0.70



G2



G1

G4 GUNWHALE ENDS

Code	diam	mm length	mm width	kg weight
G4/01	1 1/8"	70	32	0.20
G4/02	1 3/8"	100	44	0.30
G4/03	1 5/8"	100	54	0.40



G4-S GUNWHALE ENDS - SPECIALS

Code	diam	mm length	mm width	kg weight
G4/S/01	1 7/8"			
G4/S/02	2 x 2 1/4"	30	45	0.25



G5 GUNWHALE CORNERS

Code	diam	mm arm length	mm width	kg weight
G5/01	1 1/8"	60	32	0.15
G5/02	1 3/8"	85	44	0.35
G5/03	1 5/8"	90	54	0.55



G5-S GUNWHALE CORNERS - SPECIALS

Code	diam	mm arm length	mm width	kg weight
G5/S/01	1 7/8"	110	45	0.80
G5/S/02	2 x 2 1/4"	130	50	1.30



G6 GUNWHALE MIDS

Code	diam	mm length	mm width	kg weight
G6/01	1 1/8"	50	32	0.15
G6/02	1 3/8"	75	44	0.20
G6/03	1 5/8"	75	54	0.25



H1 HANDLES - Bow lifting

Code	length	mm length	mm width	kg weight
H1/9	9"	230	15	0.60
H1/11	11"	280		



H4 HASP and STAPLES

Code	size	mm tot length	mm width	kg weight
H4/S	Small	100	35	0.30
H4/L	Large	150	55	0.50



H5 HATCH COVER FASTENERS

Code		mm length	mm width	kg weight
H5/B	Complete	65	22	0.35
	Bolt	60		
H5/BO	Bracket	42	25	0.15
H5/DN	Ring nut			0.10
H5/NB	Without Bracket			0.20



H6 QUADRANT HATCH STAY (Light)

Code	length	mm length	mm width	kg weight
H6/7	7"	180	28	0.50
H6/10	10"	255	28	0.90


H7 QUADRANT HATCH STAY (Heavy)

Code	length	mm length	mm width	kg weight
H7/7	7"	180	28	0.90
H7/10	10"	255	28	1.25


H9 FLUSH HINGES

Code	mm length	mm width	kg weight
H9	120	35	0.25


H10 FLAP HINGES

Code	size	mm length	mm width	kg weight
H10/4	2 x 2 x 2"	120	35	0.15
H10/5	3 x 2 x 2"	125	35	0.20
H10/6	3 x 3 x 2"	145	35	0.25
H10/55	5 1/2 x 5 1/2"	290	45	0.30


H11 ELEVATED HINGES

Code	size	mm height	mm length	mm width	kg weight
H11/01	1"	32	160	34	0.25
H11/02	1 1/4"	45	165	34	0.30



H12 HOSE CONNECTORS (lump ends)

Code	size	kg weight
H12/01	1/4 x 1/4"	0.10
H12/02	1/4 x 3/8"	0.10
H12/03	3/8 x 3/8"	0.10
H12/04	3/8 x 1/2"	0.10
H12/05	3/8 x 3/4"	0.20
H12/06	1/2 x 3/8"	0.15
H12/07	1/2 x 1/2"	0.20
H12/08	1/2 x 5/8"	0.20
H12/09	1/2 x 3/4"	0.25
H12/10	1/2 x 1"	0.25
H12/11	3/4 x 3/8"	0.20
H12/12	3/4 x 1/2"	0.20
H12/13	3/4 x 3/4"	0.25
H12/14	3/4 x 5/8"	0.25
H12/15	3/4 x 1"	0.25
H12/16	1 x 1/2"	0.25
H12/17	1 x 5/8"	0.30
H12/18	1 x 3/4"	0.25
H12/19	1 x 1"	0.30
H12/20	1 x 1 1/4"	0.35
H12/21	1 1/2 x 1/2"	0.40
H12/22	1 1/4 x 3/4"	0.40
H12/23	1 1/4 x 1"	0.40
H12/24	1 1/4 x 1 1/4"	0.40
H12/25	1 1/4 x 1 1/2"	0.50
H12/26	1 3/4 x 1 3/4"	0.65
H12/27	1 1/4 x 2"	0.50
H12/28	1 1/2 x 3/4"	0.45
H12/29	1 1/2 x 1"	0.50
H12/30	1 1/2 x 2"	0.55
H12/31	1 1/2 x 1 1/4"	0.45
H12/32	1 1/2 x 1 1/2"	0.50
H12/33	1 1/2 x 1 3/4"	0.55
H12/34	1 1/2 x 2 1/4"	0.60
H12/35	2 x 1"	0.70
H12/36	2 x 1 1/4"	0.65
H12/37	2 x 1 1/2"	0.60
H12/38	2 x 1 3/4"	0.65
H12/39	2 x 2"	0.60
H12/40	2 x 2 1/4"	1.10
H12/41	2 x 1 1/2"	1.15
H12/42	2 x 3"	1.55
H12/43	2 1/2 x 2"	0.80
H12/44	2 1/2 x 2 1/2"	1.05
H12/45	2 1/2 x 3"	1.55
H12/46	3 x 3"	1.60
H12/47	4 x 4"	3.45
H12/48	3 x 2 1/2"	1.55
H12/49	1/4 x 1/2"	0.15
H12/50	3/8 x 5/8"	0.15
H12/51	1 x 1 1/2"	0.45
H12/52	1 3/4 x 2"	0.60

Thread size measured **first**, followed by hose tail size.



HD		HATCH DOGS - STAINLESS STEEL sets			
Code	type	mm handle length	mm height	kg weight	
HD	assembly	75	50	1.00	
HDRA	rollers only			0.30	

HBD		HATCH BRONZE DOGS - BRONZE sets			
Code	type	mm hole diam	mm shaft length	kg weight	
HBD/01	+ wingnut	3/4 "	150	0.90	
HBD/02	+ wingnut	7/8"	150	1.20	

N1		NAVIGATION LIGHTS		MAST - with globe, seals &cable gland.		
Code	type	voltage	mm height	mm width	kg weight	
N1/12	Mast	12 VOLT	120	105	2.10	
N1/24	Mast	24 VOLT	120	105	2.10	

N2	NAVIGATION LIGHTS			STERN - with globe, seals &cable gland.	
Code	type	voltage	mm height	mm width	kg weight
N2/12	Stern	12 VOLT	120	105	2.20
N2/24	Stern	24 VOLT	120	105	2.20



N3	NAVIGATION LIGHTS		PORT & STARBOARD (pair) - with globes, seals & cable glands.				
			mm	mm	mm	kg	
Code	type	voltage	height	length	width	weight	
N3/12	Port/Starboard	12 VOLT	60	200	115	2.65	
N3/24	Port/Starboard	24 VOLT	60	200	115	2.65	

N4/12		TRAWLER (ANCHOR) LIGHTS (12 VOLT). with bracket,globe, seals & cable gland			
Code	type	mm height	mm width	kg weight	
N4/12/C	Clear	120	115	1.15	
N4/12/G	Green	120	115	1.15	
N4/12/R	Red	120	115	1.15	

N4/24		TRAWLER (ANCHOR) LIGHTS (24 VOLT) with bracket,globe, seals & cable gland			
Code	type	mm height	mm width	kg weight	
N4/24/C	Clear	120	115	1.15	
N4/24/G	Green	120	115	1.15	
N4/24/R	Red	120	115	1.15	

P1 OPENING PORTHOLES						
Code	size	spigot	mm out diam	mm clear light	mm cutout	kg weight
P1/WOS3	3"	none	150	74	88	1.50
P1/WS3/01	3"	1"	150	74	88	
P1/WOS4	4"	none	175	100	125	
P1/WS4/01	4"	1"	175	100	125	
P1/WS4/02	4"	1 1/2"	175	100	125	2.50
P1/WOS5	5"	none	205	120	148	2.50
P1/WS5/01	5"	1"	205	120	148	
P1/WS5/02	5"	1 1/2"	205	120	148	
P1/WS5/03	5"	2"	205	120	148	
P1/WS5/04	5"	4 1/2"	205	120	148	
P1/WOS6	6"	none	225	146	171	4.00
P1/WS6/01	6"	1/2"	225	146	171	
P1/WS6/02	6"	2"	225	146	171	
P1/WS6/03	6"	4"	225	146	171	
P1/WS6/04	6"	6"	225	146	171	
P1/WOS65	6 1/2"	none	235	160		
P1/WS65	6 1/2"	2"	235	160		
P1/WOS7	7 1/2"	none	300	190	222	10.00
P1/WS7/01	7 1/2"	1 1/2"	300	190	222	
P1/WS7/02	7 1/2"	2"	300	190	222	
P1/WS7/03	7 1/2"	2 5/8"	300	190	222	

BRONZE



P1 porthole
(shown with optional stormlid).

P1/SL PORTHOLE STORM LIDS (optional)			
Code	size	mm diam	kg weight
P1/01	6"		
P1/02	6 1/2"		
P1/03	7 1/2"	222	2.20



P2 NON - OPENING PORTHOLES					
Code	size	mm out diam	mm clear light	mm cutout	kg weight
P2/01	4 1/2"	175	115	132	1.10
P2/02	5"	200	125	145	1.40
P2/03	6"	212	148	162	1.70
P2/04	7 1/2"	288	190	215	3.90
P2/05	10"	355	250	280	4.90
P2/06	12"	410	300	325	9.20

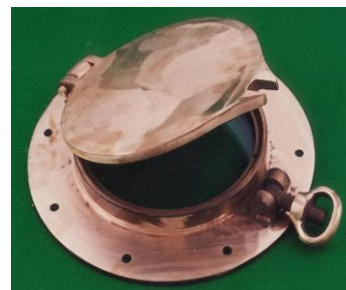
BRONZE



* Aluminium portholes available in optional powdercoated finish

P3 NON - OPENING SHIP'S PORTHOLE (optional stormlid)							
Code	size	mm spigot	mm out diam	mm clear light	mm cutout	kg weight	
P3/B/01	7 ½"	-	320	190	250	8.0	BRONZE
P3/A/01	7 ½"	-	320	190	250	6.0	ALUMINIUM
P3/B/02	8"	16	350	200	250	12.0	BRONZE
P3/A/02	8"	16	350	200	250	9.0	ALUMINIUM

* Aluminium portholes available in optional powdercoated finish



P4 OPENING SHIP'S PORTHOLE (optional stormlid)							
Code	size	mm spigot	mm out diam	mm clear light	mm cutout	kg weight	
P4/B	9"	0 – 50	365	225			BRONZE
P4/A	9"	0 – 50	365	225			ALUMINIUM

* Aluminium portholes available in optional powdercoated finish



P5 OPENING SHIP'S PORTHOLE (optional stormlid)							Table 27 BSI
Armourglass required							
Code	mm size	mm spigot	mm out diam	mm clear light	mm cutout	kg weight	
P5/B/01	200	20	350	200	250		BRONZE
P5/A/01	200	20	350	200	250	7.5	ALUMINIUM
P5/B/02	250	16	400	250	305	29.0	BRONZE
P5/A/02	250	16	400	250	305	12.0	ALUMINIUM

Weights incl stormlids

* Aluminium portholes available in optional powdercoated finish



P6 NON- OPENING SHIP'S PORTHOLE (optional stormlid)							Table 26 BSI
Armourglass required							
Code	mm size	mm spigot	mm out diam	mm clear light	mm cutout	kg weight	
P6/B	300	8	450	300	360	30.0	BRONZE
P6/A	300	8	450	300	360	13.0	ALUMINIUM

R1 RINGBOLTS					
Code	size	length	mm shaft length	kg weight	
R1/01	3/8 x 3"		76		
R1/02	3/8 x 4"		102	0.35	
R1/03	3/8 x 5"		128	0.40	
R1/04	3/8 x 6"		152	0.45	
R1/05	1/2 x 4"		102	0.60	
R1/06	1/2 x 5"		128		
R1/07	1/2 x 6"		152		
R1/08	1/2 x 8"		204		



R2 ROWLOCKS DROPSIDE						
Code	size	mm shaft length	mm lock width	mm plate length	mm plate width	kg weight
R2/01	1/2"	80	48 - 55	90 x 65	25	1.40
R2/02	5/8"	80	50 - 70	90 x 65	25	1.50



R3 ROWLOCKS SIDEPLATE						
Code	size	mm shaft length	mm lock width	mm plate length	mm plate width	kg weight
R3	1/2"	80	48 - 60	27 x 120	25	0.40



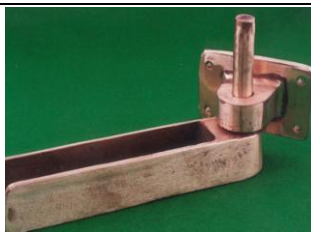
R4 ROWLOCKS LONGPLATE						
Code	size	mm shaft length	mm lock width	mm plate length	mm plate width	kg weight
R4	1/2"	80	48 - 60	60 x 25	25	0.50



R5 ROWLOCKS STANDARD						
Code	size	mm shaft length	mm lock width	mm plate length	mm plate width	kg weight
R5	1/2"	80	48 - 60	55 x 30	25	0.60



R6	RUDDER BOLT- GUDGEON
R7	RUDDER BOLT- PINTLE
R8	RUDDER BEARING
R9	RUDDER STRAP - GUDGEON
R10	RUDDER STRAP - PINTLE
R11	RUDDER PLATE - GUDGEON
R12	RUDDER PLATE - PINTLE

R14	RADIO MASTS - BASES - upright
R15	RADIO MASTS - BASES - side mounted

RB REDUCING BUSHES				
Code	size	mm length thread	mm total length	kg weight
RB/01	3/4 x 1/2"			
RB/02	1 x 3/4"	18	26	0.10
RB/03	1/4 x 1"	18	26	0.15
RB/04	1 1/2 x 1 1/4"	20	26	0.20
RB/05	2 x 1 1/2"	26	32	0.35
RB/06	2 1/2 x 2"	26	38	0.60
RB/07	3 x 2 1/2"			
RB/08	3 x 3"	34	45	0.80



S1 SCOOP SKIN FITTINGS complete with nut				
Code	size	mm scoop length	mm shaft length	kg weight
S1/01	1/2"	100 x 75	70	0.65
S1/02	3/4"	100 x 75	70	0.70



S2 HOSE SKIN FITTINGS complete with back nut				
Code	size	mm length hose	mm length thread	kg weight
S2/01	1/2"	28	30	0.20
S2/02	3/4"	30	38	0.30
S2/03	1"	32	47	0.40
S2/04	1 1/4"	46	46	0.70
S2/05	1 1/2"	48	48	0.75
S2/06	1 3/4"	48	48	0.85
S2/07	2"	48	52	1.05
S2/08	2 1/2"	70	65	1.75
S2/09	3"	72	90	2.40



S3 SKIN FITTINGS - complete with back nut			
Code	size	mm thread length	kg weight
S3/01	3/8"		
S3/02	1/2"	65	0.25
S3/03	3/4"	70	0.30
S3/04	1"	73	0.40
S3/05	1 1/4"	82	0.60
S3/06	1 1/2"	85	0.70
S3/07	1 3/4"	95	0.85
S3/08	2"	103	1.50
S3/09	2 1/2"	105	1.55
S3/10	3"	118	2.15
S3/11	3 1/2"	130	2.85
S3/12	4"	145	3.10



S3 SKIN FITTING BACK NUTS ONLY		
Code	size	mm weight
S3/01	3/8"	0.10
S3/02	1/2"	0.15
S3/03	3/4"	0.20
S3/04	1"	0.25
S3/05	1 1/4"	0.30
S3/06	1 1/2"	0.35
S3/07	1 3/4"	0.40
S3/08	2"	0.45
S3/09	2 1/2"	0.45
S3/10	3"	0.60
S3/11	3 1/2"	0.90
S3/12	4"	0.95



S4 SCOOP FILTERS

Code	mm out L x W	mm out ht	mm inn size	mm inn ht	kg weight	
S4/BL	140 x 138	55	95 x 95	50	0.90	BRONZE
S4A/BS	120 x 85	25	90 x 55	15	0.30	
S4A/BM	182 x 120	30	145 x 82	20	0.75	
S4A/BL	192 x 130	50	160 x 92	45	0.90	
S4A/9L	200 x 165	50	160 x 125	45	1.25	
S4/SM	230 x 155	60	185 x 105	55	2.00	
S4/BB	250 x 250	100	210 x 200	85	4.60	ALUMINIUM
S4/AL	140 x 138	55	95 x 95	50	0.40	
S4A/AS	120 x 85	25	90 x 55	15	0.15	
S4A/AM	182 x 120	30	145 x 82	20	0.25	
S4A/AL	192 x 130	50	160 x 92	45	0.45	
S4A/A9L	200 x 165	50	160 x 125	45	0.55	
S4/ASM	230 x 155	60	185 x 105	55	0.60	
S4/ABB	250 x 250	100	210 x 200	85		

S4A/BL



S4/BL



S4/SM tapered W 190 to 90



S4/BB

S5B ROSE STRAINERS BRONZE

Code	size	mm outer size	mm inner size	mm height	kg weight
S5B/01	3"	85	55	30	0.30
S5B/02	4"	120	90	32	0.50
S5B/03	5"	150	120	32	0.80
S5B/04	6 1/2"	200	155	32	1.30
S5B/05	8"	250	205	40	2.40


S5A ROSE STRAINERS ALUMINIUM

Code	size	mm outer size	mm inner size	mm height	kg weight
S5A/01	3"	85	55	30	0.15
S5A/02	4"	120	90	32	0.20
S5A/03	5"	150	120	32	0.35
S5A/04	6 1/2"	200	155	32	0.45
S5A/05	8"	250	205	40	0.65



S6B STEERING WHEELS (# sizes measured handle tip to handle tip)

Code	size#	circle diam	mm hub	kg weight	
S6B/01	15"				BRONZE
S6B/02	18"	280	50	4.40	
S6B/03	22"	320	50		
S6A/01	15"			1.20	ALUMINIUM
S6A/02	18"	280	50		
S6A/03	22"	320	50	3.50	


S7 STAUNCHIONS – ENDS

Code	size	mm base diam	mm height	kg weight
S7/01	3/4"	50	65	0.35
S7/02	1"	50	70	0.40
S7/03	1 1/4"	70	80	0.50


S7 STAUNCHIONS – MIDS

Code	size	mm base diam	mm height	kg weight
S7/04	3/4"	50	65	0.30
S7/05	1"	50	70	0.30
S7/06	1 1/4"	70	80	0.40


S8 STAUNCHIONS - STREAMLINED MIDS

Code	size	mm base diam	mm height	kg weight
S8/01	3/4"	65 x 40	55	0.30


S8 STAUNCHIONS - STREAMLINED ENDS

Code	size	mm base diam	mm height	kg weight
S8/02	3/4"	40	55	0.15



S9 STUFFING BOXES complete with mid and top nuts

Code	size	mm length top	mm thread length	mm length wings	kg weight
S9/01	5/8"				
S9/02	3/4"	25	55	120	1.00
S9/03	7/8"				
S9/04	1"				
S9/05	1 1/8"				
S9/06	1 1/4"	34	47	120	1.50
S9/07	1 3/8"				
S9/08	1 1/2"				
S9/09	1 3/4"	40	85	160	2.65
S9/10	2"				
S9/11	2 1/4"				
S9/12	2 1/2"				



S10 STERN BEARINGS

Code	size	mm tot length	mm length top	kg weight
S10/01	5/8"			
S10/02	3/4"			
S10/03	7/8"	90	25	0.70
S10/04	1"	90	25	1.10
S10/05	1 1/8"			
S10/06	1 1/4"			
S10/07	1 3/8"			
S10/08	1 1/2"			
S10/09	1 5/8"			
S10/10	1 3/4"			
S10/11	1 7/8"			
S10/12	2"			
S10/13	2 1/4"			
S10/14	2 1/2"			



S11 STUFFING BOXES - FOR LOG LINES complete with mid & top nuts

Code	size	mm total length	mm thread length	mm hose length	kg weight
S11/01	3/4 x 1 1/2"				
S11/02	7/8 x 1 1/2"				
S11/03	7/8 x 1 3/4"				
S11/04	1 x 1 1/4"				
S11/05	1 x 1 1/2"	85	25	35	0.80
S11/06	1 x 1 3/4"				
S11/07	1 x 2"	85	25	45	1.30
S11/08	1 x 2 3/8"				
S11/09	1 1/8 x 1 1/2"				
S11/10	1 1/8 x 1 3/4"				
S11/11	30mm x 1 1/2"				
S11/12	1 1/4 x 1 1/2"				
S11/13	1 1/4 x 1 3/4"				
S11/14	1 1/4 x 2"				
S11/15	1 1/4 x 2 1/8"				
S11/16	1 1/4 x 2 3/8"				
S11/17	1 3/8 x 2"				



S11 STUFFING BOXES - FOR LOG LINES complete with mid & top nuts

Code	size	mm total length	mm thread length	mm hose length	kg weight
S11/18	1 3/8 x 2 1/2"				
S11/19	1 3/8 x 3"				
S11/20	1 1/2 x 1 3/4"				
S11/21	1 1/2 x 2"				
S11/22	1 1/2 x 2 1/4"				
S11/23	1 1/2 x 1 1/2"				
S11/24	1 1/2 x 3"				
S11/25	1 1/2 x 3 1/2"				
S11/26	1 3/4 x 1 1/2"				
S11/27	1 3/4 x 2 1/4"				
S11/28	1 3/4 x 2 1/2"				
S11/29	1 3/4 x 2 3/4"				
S11/30	2 x 2 1/2"				
S11/31	2 x 3"				
S11/32	2 x 3 1/4"				
S11/33	2 1/2 x 3 1/2"				


SAV SAVE-ALLS ALUMINIUM

Code	mm outer diam	mm inner diam	mm inner height	mm total height	kg weight
SAV	100 - 200	60 - 135	90	100	1.70
Filler neck & lid	50			125	0.60


FURUNO FURUNO SKIN FITTINGS complete with end & back nuts

Code	hole diam	mm thread length	kg weight	
S/A/FURUNO	1 1/2"	85	1.30	ALUMINIUM
S/B/FURUNO	1 1/2"	85	1.50	BRONZE


IDEA IDEA SKIN FITTINGS complete with end & back nuts

Code	hole diam	mm thread length	kg weight	
S/A/IDEA		85	1.20	ALUMINIUM
S/B/IDEA		85	1.40	BRONZE


VDO VDO SKIN FITTINGS complete with end & back nuts

Code	hole diam	mm thread length	kg weight	
S/A/VDO	1"	120	0.90	ALUMINIUM
S/B/VDO	1"	120	1.90	BRONZE



KINGSTON KINGSTON FITTINGS complete with end & back nuts

Code	diam	mm length shaft	kg weight	
KINGSTON	1/2"	120	0.60	BRONZE



SO SOCKETS

Code	size	mm length	kg weight
SO/01	1/2"		
SO/02	3/4"	45	0.20
SO/03	1"	48	0.40
SO/04	1 1/4"	50	0.45
SO/05	1 1/2"		
SO/06	2"	62	0.90
SO/07	2 1/2"	74	1.15
SO/08	3"	80	1.35



TB TUBE BUSHES

Code	size	mm total length	mm thread length	kg weight
TB/01	1/2"	30	20	0.15
TB/02	3/4"	30	20	0.15
TB/03	1"	30	20	0.15
TB/04	1 1/4"	30	20	0.20
TB/05	1 1/2"	30	20	0.25
TB/06	2"	35	26	0.30
TB/07	2 1/2"	38	28	0.50
TB/08	3"	45	35	0.70



T1 THROTTLE CONTROLS - SCREWDOWN

Code	size	mm base size	mm height base	mm tot height	kg weight
T1/D	Double	95 x 90	35	110	1.30
T1/S	Single	85 x 45	32	110	0.80



T3 RATCHET THROTTLE CONTROLS

Code	size	mm base size	mm tot height	kg weight
T3/D	Double	40 x 20	70	0.50
T3/S	Single			



TD TIEDOWNS ALUMINIUM

Code	size	mm base length	mm base width	mm base height	kg weight
TD	4,8 x 4 x 2"	122	105	55	0.65



TE		TEES		
Code	size	mm base length	mm base height	kg weight
TE	1 x 1 x 1"	82	51	0.70
TE	2 x 2 x 2"	135	105	2.00



V1		VENTILATORS				
Code	size	mm length	mm width	mm height	kg weight	
V1/4	4"	102	40	40	0.30	
V1/6	6"	100	152	55	0.50	

V2		CLAM VENT			
Code	mm length	mm width	mm height	kg weight	
V2	130	75	48	0.45	

V3		HALF VENT		
Code	mm length	mm width	kg weight	
V3	100	35	0.80	

V4		LOUVRE VENT		
Code	mm length	mm width	kg weight	
V3	200	100	0.60	

V5		CABIN DOOR VENTS			
Code	size	mm out diam	mm inn diam	kg weight	
V5/4	4"	105	100	0.50	
V5/7	7"	180	130	0.80	

V6		MUSHROOM VENTS		
Code	size	mm out diam	mm inn diam	kg weight
V6/3	3"	120	75	1.15
V6/4	4"	145	100	2.00
V6/5	5 1/2"	205	145	4.50



V7	COWL VENTS					
Code	size	mm cowl diam	mm inner diam	mm height	kg weight	
V7	4"	170 x 205	90	285	6.00	