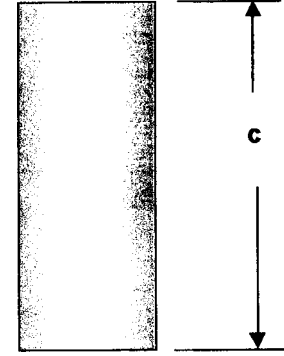
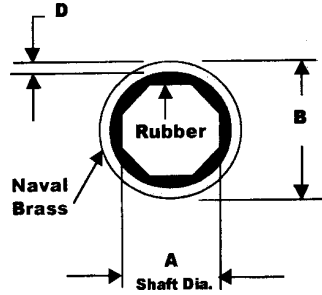


Morse
MARINE BEARINGS

Brass Sleeve Bearings



PART NO.	CODE NAME	UNIT WT.	SHAFT DIA. (A)	OUTSIDE DIA. (B)	LENGTH INCH (C)	METAL WALL (D)	PART NO.	CODE NAME	UNIT WT.	SHAFT DIA. (A)	OUTSIDE DIA. (B)	LENGTH INCH (C)	METAL WALL (D)
E00100	ALBACORE	0.50	3/4	1-1/4	3	1/8	E04300	PICUDA	5.63	2-3/4	3-3/8	11	1/8
E00200	BLENNY	0.31	7/8	1-1/4	3-1/2	1/16	E04150	PIKE	6.47	2-1/2	3-1/2	10	1/8
E00300	BARRACUDA	0.69	7/8	1-3/8	3-1/2	1/8	E04400	PINFISH	6.88	2-3/4	3-3/4	11	1/8
E00400	BASS	0.75	7/8	1-1/2	3-1/2	1/8	E04500	PORGY	7.13	2-7/8	3-3/4	11-1/2	1/8
E00500	BETTA	0.13	1	1-1/4	3	1/32	E04600	RAY	7.06	3	3-3/4	12	1/8
E00600	BLACKFISH	0.31	1	1-1/4	4	1/32	E04700	REDFIN	7.94	3	4	12	1/8
E00700	BLOATER	0.38	1	1-3/8	4	1/16	E04800	REDFISH	9.25	3-1/8	4-1/4	12-1/2	1/8
E00800	BONITO	0.81	1	1-1/2	4	1/8	E04900	ROCKFISH	8.13	3-1/4	4	13	1/8
E00900	BROADBILL	0.88	1	1-5/8	4	1/8	E05000	SAILFISH	9.38	3-1/4	4-1/4	13	1/8
E01000	BULLHEAD	1.25	1	2	4	1/8	E05100	SALMON	10.63	3-3/8	4-1/2	13-1/2	1/8
E01100	CAMA	0.50	1-1/8	1-1/2	4-1/2	1/16	E05200	SANDFISH	9.56	3-1/2	4-1/4	14	1/8
E00650	CARIBE	0.47	1	1-1/4	6	1/32	E05300	SAWFISH	10.25	3-1/2	4-1/2	14	1/8
E01200	CARP	1.00	1-1/8	1-5/8	4-1/2	1/8	E05400	SCULPIN	10.81	3-5/8	4-1/2	14-1/2	1/8
E01300	CATFISH	1.19	1-1/8	1-3/4	4-1/2	1/8	E05500	SHAD	11.00	3-3/4	4-1/2	15	1/8
E01400	CHOBIE	1.38	1-1/8	2	4-1/2	1/8	E05600	SHARK	17.56	3-3/4	5	15	3/16
E01500	CHOGET	0.50	1-1/4	1-1/2	5	1/8	E05700	SILVERFISH	18.19	3-3/4	5-1/4	15	3/16
E01600	CHUB	1.13	1-1/4	1-3/4	5	1/8	E05800	SMELT	20.00	3-7/8	5-1/4	15-1/2	3/16
E01700	COD	1.50	1-1/4	2	5	1/8	E05900	SNAPPER	18.25	4	5	16	3/16
E01800	CROAKER	1.75	1-1/4	2-1/8	5	1/8	E06000	SOCKEYE	19.63	4	5-1/4	16	3/16
E01900	DEVILFISH	1.44	1-3/8	1-7/8	5-1/2	1/8	E06100	SPEARFISH	20.06	4-1/8	5-1/4	16-1/2	3/16
E02000	DOGFISH	1.69	1-3/8	2	5-1/2	1/8	E06200	SQUIT	22.00	4-1/4	5-1/2	17	3/16
E02100	DOLPHIN	1.75	1-3/8	2-1/8	5-1/2	1/8	E06300	STREAKER	24.31	4-3/8	5-3/4	17-1/2	3/16
E02200	EEL	2.13	1-3/8	2-3/8	5-1/2	1/8	E06400	SUCKER	22.00	4-1/2	5-1/2	18	3/16
E02300	FLAMEN	1.13	1-1/2	2	4-3/8	1/8	E06500	SUNFISH	24.63	4-1/2	5-3/4	18	3/16
E02400	FLATFISH	1.63	1-1/2	2	6	1/8	E06600	SWORDFISH	34.00	4-5/8	6-1/8	18-1/2	1/4
E02500	FLOUNDER	2.19	1-1/2	2-3/8	6	1/8	E06700	TARPON	34.00	4-3/4	6-1/8	19	1/4
E02600	GAR	1.88	1-5/8	2-1/8	6-1/2	1/8	E06800	TROUT	33.00	4-7/8	6-1/8	19-1/2	1/4
E02700	GRAYBACK	2.75	1-5/8	2-5/8	6-1/2	1/8	E06900	WAHOO	35.00	5	6-1/8	20	1/4
E02800	GROUPE	2.38	1-3/4	2-3/8	7	1/8	E07000	WALLEYE	39.00	5	6-1/2	20	1/4
E02900	HADDO	2.81	1-3/4	2-5/8	7	1/8	E07100	WANDTAIL	44.00	5-1/4	6-3/4	21	1/4
E03000	HAKE	3.00	1-7/8	2-5/8	7-1/2	1/8	E07200	WAP	48.00	5-1/4	7	21	1/4
E03100	HALIBUT	3.69	1-7/8	2-15/16	7-1/2	1/8	E07300	WARFISH	57.00	5-3/8	6-3/4	21-1/2	1/4
E03200	HERRING	3.06	2	2-5/8	8	1/8	E07400	WARSAW	62.00	5-3/8	7	21-1/2	1/4
E03300	KINGFISH	3.88	2	3	8	1/8	E07500	WHITEFISH	59.00	5-1/2	7	22	1/4
E03350	LAMPREY	4.85	2	3	10	1/8	E07600	WINDFISH	44.50	5-5/8	7	22-1/2	1/4
E03400	MACKEREL	3.69	2-1/8	2-15/16	8-1/2	1/8	E07700	YELLOWTAIL	48.00	5-3/4	7	23	1/4
E03500	MANTA	4.50	2-1/8	3-1/8	8-1/2	1/8	E07800	YOWLING	52.00	5-7/8	7-1/2	24	1/4
E03650	MARGATE	4.90	2-1/4	3	9	1/8	E07900	ZANCLUS	55.00	6	7-1/2	24	1/4
E03600	MARLIN	3.94	2-1/4	2-15/16	9	1/8							
E03700	MINNOW	4.44	2-1/4	3-1/8	9	1/8							
E03800	MUDFISH	5.44	2-1/4	3-3/8	9	1/8							
E03900	MULLET	5.44	2-3/8	3-3/8	9-1/2	1/8							
E04000	MUSKY	4.63	2-1/2	3-1/8	10	1/8							
E04100	PERCH	5.50	2-1/2	3-3/8	10	1/8							
E04200	PICKEREL	5.75	2-5/8	3-3/8	10-1/2	1/8							

These bearings are engineered to meet the toughest service requirements in corrosive and abrasive marine or industrial applications. And the fluted rubber bearing surface will outlast hard surface bearings by more than 10 times.

They operate in any water-base liquids, most chemicals and petro products. Operating temperatures range from +4 to 70°C (+39 to 158°F). Normal loading capacity up to 35 psi, 0.0246 kg/mm².

Shaft is cushioned by continuous flow of 7.5 liters/25 mm (2 gals/in.) of shaft diameter/min. through the bearing.

All materials meet U.S. navy specifications. MIL-B-17901B (SH) CLII.

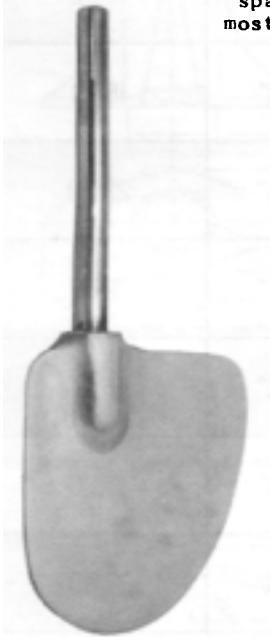
Bearings are designed to meet requirements of American Bureau of Shipping.

* Metric and non-metallic bearings are also available. Contact us for more information.

Phone: 800-225-0004 Fax: 908-486-1056
e-mail: sales@sealandpower.com

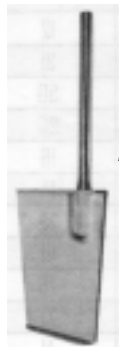
RUDDERS

Cast manganese bronze rudders provide greatest strength. Proven "spade" design for efficient performance at all speeds with most popular hulls. Carefully machined.



PART NO.	BLADE SIZE	STOCK DIA.
EC500	8 1/2 x 12	1"
EC501	11 x 14	1 1/8
EC502	12 x 16	1 1/4

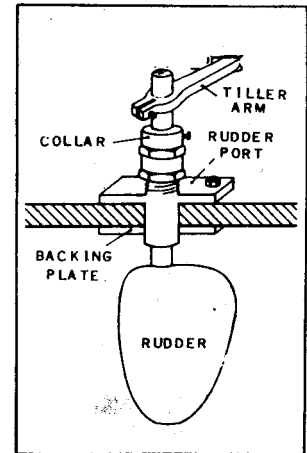
also available...



**High Speed
Rudders**



**Skeg Type
Rudders**



TILLER ARMS



High tensile manganese bronze supplies the required strength for this vital part. Carefully bored to suit rudder stock with machined keyway and split-collar clamping for double security.

PART No.	SHAFT SIZE	O.A. LENGTH
EC550	1	9 1/2
EC552	1 1/8	9 1/2
EC554	1 1/4	9 1/2
EC556	1 3/8	11 1/2
EC558	1 1/2	15 3/4

RUDDER PORTS



All bronze rudder ports provide a long bearing surface for maximum rudder support. Square mounting flange allows the use of four mounting bolts. Bronze packing nut and hex. lock nut are provided. (Packings for nut are listed with shaft logs). For maximum security, use with bronze backing plate.



Rudder Ports			Back Plates	Collars
PART No.	STOCK DIA.	BASE SIZE	PART No.	PART No.
EC520	1"	3 7/8 x 3 7/8	EC530	EC540
EC521	1 1/8	3 7/8 x 3 7/8	EC531	EC541
EC522	1 1/4	4 1/4 x 4 1/4	EC532	EC542
EC523	1 3/8	3 3/4 x 7	EC533	EC543

Many other styles and sizes of the products shown are also available. Call us with your requirements or go to the marine page on our website and click on the **Buck-Algonquin** link to view their catalog for a complete listing of driveline and underwater hardware.

SELF-ALIGNING SHAFT LOGS

A combination shaft log and stuffing box is the usual means of providing a "seal" where the propeller shaft projects through the keel or bottom of the hull. Those listed herein are self-aligning type with heavy-duty hose connecting the log to the packing gland.

PART No.	SHAFT SIZE	BASE DIMENSIONS	SHAFT ANGLE
ED506	1"	3 1/2 x 12 1/2	13°
ED508	1 1/8	4 1/4 x 14	12
ED510	1 1/4	4 1/2 x 20 1/2	12
ED512	1 3/8	5 1/4 x 24	12
ED514	1 1/2	5-1/4 x 24	12



FLAX STUFFING BOX PACKING



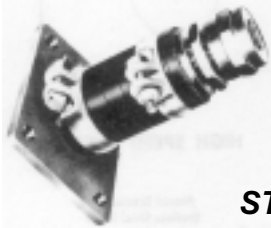
PART NO.	DIA.	FOR SHAFT
ED-581	3/16	7/8; 1"
ED-582	1/4	1 1/8; 1 1/4
ED-583	5/16	1 3/8; 1 1/2

REPLACEMENT SHAFT LOG HOSES

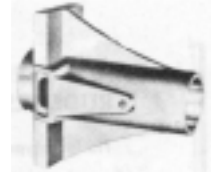
PART NO.	HOSE I.D.
ED-561	1 3/4"
ED-563	2 1/4"
ED-565	2 1/2"



STUFFING BOX / STERN BEARING HOUSING



Heavy duty, cast bronze stuffing box and stern bearing housings. Rugged, rectangular, 4 bolt flange provided on all models except as noted. Stern bearing housing incorporates water scoop passage for positive cooling of bearing. Order shaft bearing separately. Sizes available for propeller shafts to 4" diameter.



STUFFING BOXES

PART No.	SHAFT DIA.	FLANGE SIZE
ED520	1"	*5 3/4 x 3
ED521	1 1/8	*5 3/4 x 3
ED522	1 1/4	6 x 4
ED523	1 3/8	7 x 4 1/2
ED524	1 1/2	7 x 4 1/2
ED525	1 3/4	8 1/4 x 6
ED526	2"	8 1/4 x 6

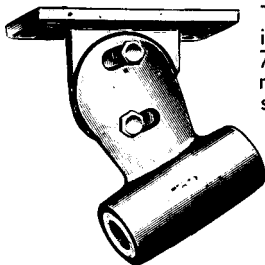
*OVAL TYPE (2 BOLT) FLANGE

STERN BEARING HOUSINGS

PART No.	SHAFT DIA.	BORE	FLANGE SIZE	LENGTH
ED-590	1"	1 5/8	5 x 2 1/4*	4 9/16
ED-592	1 1/4	2	6 x 3*	5 5/8
ED-594	1 1/2	2 3/8	7 x 3 1/2	6 7/8
ED-595	1 3/4	2 5/8	8 x 4	7 7/8
ED-596	2"	3	9 1/2 x 4 5/8	8 7/8

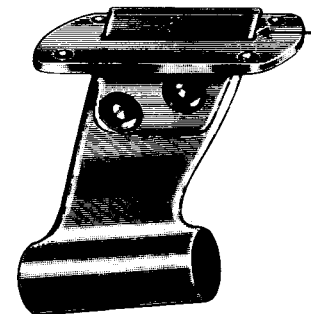
*OVAL TYPE (2 BOLT) FLANGE

ADJUSTABLE STRUTS



This popular strut simplifies installation as the angle is adjustable within wide limits. Available with 5", 7" or 9" drop (length). Bored hole accommodates a marine bearing (priced separately) having 1 3/4" outside diameter. All bronze construction.

PART NO.	DROP	BASE SIZE
ED710	5"	3 x 5 1/2
ED712	7"	3 1/2 x 6 1/2
ED714	9"	3 1/2 x 6 1/2



CUT OFF HERE

Many other styles and sizes of the products shown are also available. Call us with your requirements or go to the marine page on our website and click on the **Buck-Algonquin** link to view their catalog for a complete listing of driveline and underwater hardware.

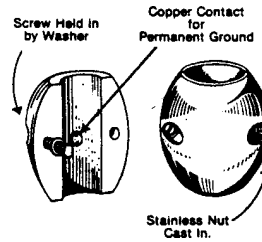
Another popular strut provides adjustment to suit shaft angle but also may be cut to desired length. The center shank is adjusted to length and angle, 2 holes are then drilled for the Everdur bolts supplied and the excess length above the mounting base is then cut off. Maximum drop is 7". Cast manganese bronze provides great strength. Bored to accommodate strut bearings with outside diameter of 1 1/2". Order bearings separately.

Part No.	Base Size
ED718	3 1/8 x 5 1/2

ZINC ANODES

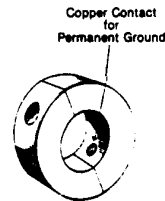
Streamlined Shaft Zinc

Part No.	Shaft Size
EM2A	1"
EM3A	1-1/8"
EM4A	1-1/4"
EM5A	1-3/8"
EM6A	1-1/2"



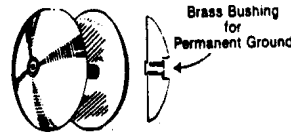
Donut Shaft Zinc

Part No.	Shaft Size
EM12A	1"
EM14A	1-1/4"
EM15A	1-3/8"
EM16A	1-1/2"



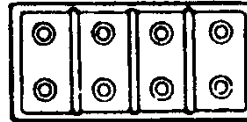
Rudder Zinc

Part No.	Dia.
EM38A	2-13/16"
EM39A	5"



Hull Plate Zinc

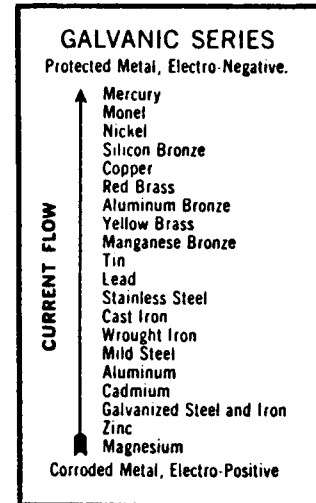
Part No.	Size
EM34A	7-1/2"x2-3/4"x1/2" (2-1/2 lbs.)



Pencil Zinc

Part No.	Plug (thread size)	Zinc Size
EM21	3/8"	1/2"x2"
EM21A	(element only)	
EM22	1/2"	5/8"x2"
EM22A	(element only)	

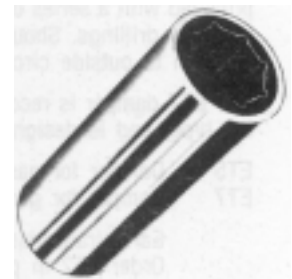
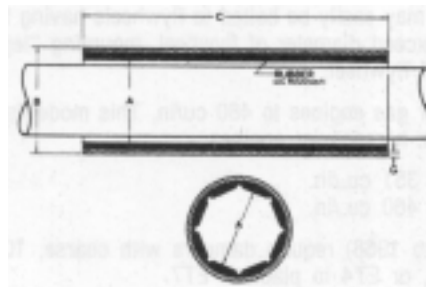
Zinc Size
1/2"x2"
5/8"x2"



STRUT BEARINGS

PART NO	SHAFT DIA.	BEARING O.D.	LENGTH
ED-801	3/4	1 1/4	3"
ED-802	7/8	1 1/4	3 1/2
ED-803	7/8	1 3/8	3 1/2
ED-804	7/8	1 1/2	3 1/2
ED-805	1"	1 1/4	4"
ED-806	1	1 3/8	4
ED-807	1	1 1/2	4
ED-808	1	1 5/8	4
ED-809	1	2"	4
ED-810	1 1/8	1 1/2	4 1/2
ED-811	1 1/8	1 5/8	4 1/2
ED-812	1 1/8	1 3/4	4 1/2
ED-813	1 1/8	2"	4 1/2
ED-814	1 1/4	1 1/2	5
ED-815	1 1/4	1 3/4	5
ED-816	1 1/4	2"	5
ED-817	1 1/4	2 1/8	5
ED-818	1 3/8	1 7/8	5 1/2
ED-819	1 3/8	2"	5 1/2
ED-820	1 3/8	2 1/8	5 1/2
ED-821	1 3/8	2 3/8	5 1/2
ED-822	1 1/2	2"	6
ED-823	1 1/2	2 3/8	6
ED-824	1 3/4	2 3/8	7
ED-825	1 3/4	2 5/8	7
ED-830	2	2 5/8	8

LARGER SIZES AVAILABLE



These bearings are engineered to meet the toughest service requirements in corrosive and abrasive marine or industrial applications. And the fluted rubber bearing surface will outlast hard surface bearings by more than 10 times.

They operate in any water-base liquids, most chemicals and petro products. Operating temperatures range from +39 to 158°F, +4 to 70°C.

Normal loading capacity up to 35 psi, .0246 kg. per sq. mm. Shaft is cushioned by continuous flow of 2 gals./in.; 7.5 liters/25 mm of shaft diameter/min. through the bearing.

Sustained shaft speeds in excess of 12,000 RPM with minimum deflection.

Phone: 800-225-0004 ☎ Fax: 908-486-1056
e-mail: sales@sealandpower.com