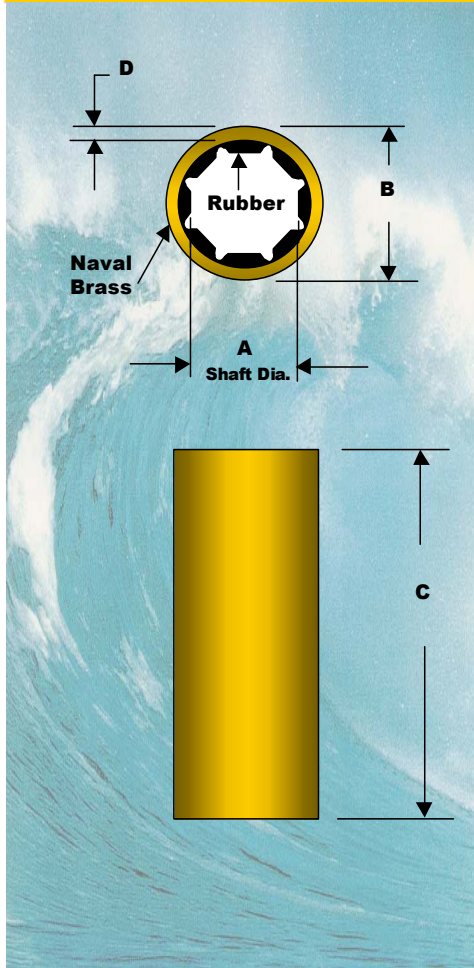


# Morse

## Marine Bearings

### STANDARD BRASS SLEEVE SERIES

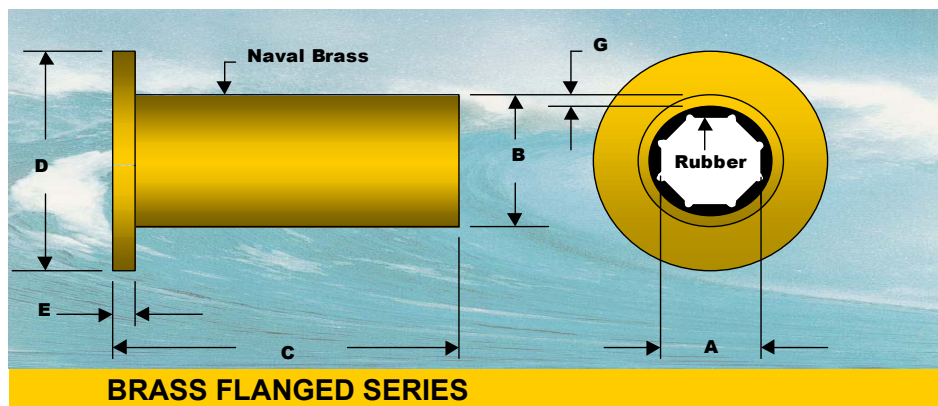


## Morse Rubber LLC

3588 Main Street  
Keokuk, IA 52632 USA  
Ph. (319) 524-8430  
Fax (319) 524-7290  
Toll Free (USA & Can)  
800-553-7036

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
E00200	BLENNY	0.31	7/8	1-1/4	3-1/2	1/16
E00300	BARRACUDA	0.69	7/8	1-3/8	3-1/2	1/8
E00400	BASS	0.75	7/8	1-1/2	3-1/2	1/8
E00500	BETTA	0.13	1	1-1/4	3	1/32
E00600	BLACKFISH	0.31	1	1-1/4	4	1/32
E00700	BLOATER	0.38	1	1-3/8	4	1/16
E00800	BONITO	0.81	1	1-1/2	4	1/8
E00900	BROADBILL	0.88	1	1-5/8	4	1/8
E01000	BULLHEAD	1.25	1	2	4	1/8
E01100	CAMA	0.50	1-1/8	1-1/2	4-1/2	1/16
E00650	CARIBE	0.47	1	1-1/4	6	1/32
E01200	CARP	1.00	1-1/8	1-5/8	4-1/2	1/8
E01300	CATFISH	1.19	1-1/8	1-3/4	4-1/2	1/8
E01400	CHOBIE	1.38	1-1/8	2	4-1/2	1/8
E01500	CHOGSET	0.50	1-1/4	1-1/2	5	1/8
E01600	CHUB	1.13	1-1/4	1-3/4	5	1/8
E01700	COD	1.50	1-1/4	2	5	1/8
E01800	CROAKER	1.75	1-1/4	2-1/8	5	1/8
E01900	DEVILFISH	1.44	1-3/8	1-7/8	5-1/2	1/8
E02000	DOGFISH	1.69	1-3/8	2	5-1/2	1/8
E02100	DOLPHIN	1.75	1-3/8	2-1/8	5-1/2	1/8
E02200	EEL	2.13	1-3/8	2-3/8	5-1/2	1/8
E02300	FLAMEN	1.13	1-1/2	2	4-3/8	1/8
E02400	FLATFISH	1.63	1-1/2	2	6	1/8
E02500	FLOUNDER	2.19	1-1/2	2-3/8	6	1/8
E02600	GAR	1.88	1-5/8	2-1/8	6-1/2	1/8
E02700	GRAYBACK	2.75	1-5/8	2-5/8	6-1/2	1/8
E02800	GROUPE	2.38	1-3/4	2-3/8	7	1/8
E02900	HADDO	2.81	1-3/4	2-5/8	7	1/8
E03000	HAKE	3.00	1-7/8	2-5/8	7-1/2	1/8
E03100	HALIBUT	3.69	1-7/8	2-15/16	7-1/2	1/8
E03200	HERRING	3.06	2	2-5/8	8	1/8
E03300	KINGFISH	3.88	2	3	8	1/8
E03350	LAMPREY	4.85	2	3	10	1/8
E03400	MACKEREL	3.69	2-1/8	2-15/16	8-1/2	1/8
E03500	MANTA	4.50	2-1/8	3-1/8	8-1/2	1/8
E03650	MARGATE	4.90	2-1/4	3	9	1/8
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
E04300	PICUDA	5.63	2-3/4	3-3/8	11	1/8
E04150	PIKE	6.47	2-1/2	3-1/2	10	1/8
E04400	PINFISH	6.88	2-3/4	3-3/4	11	1/8
E04500	PORGY	7.13	2-7/8	3-3/4	11-1/2	1/8
E04600	RAY	7.06	3	3-3/4	12	1/8
E04700	REDFIN	7.94	3	4	12	1/8
E04800	REDFISH	9.25	3-1/8	4-1/4	12-1/2	1/8
E04900	ROCKFISH	8.13	3-1/4	4	13	1/8
E05000	SAILFISH	9.38	3-1/4	4-1/4	13	1/8
E05100	SALMON	10.63	3-3/8	4-1/2	13-1/2	1/8
E05200	SANDFISH	9.56	3-1/2	4-1/4	14	1/8
E05300	SAWFISH	10.25	3-1/2	4-1/2	14	1/8
E05400	SCULPIN	10.81	3-5/8	4-1/2	14-1/2	1/8
E05500	SHAD	11.00	3-3/4	4-1/2	15	1/8
E05600	SHARK	17.56	3-3/4	5	15	3/16
E05700	SILVERFISH	18.19	3-3/4	5-1/4	15	3/16
E05800	SMELT	20.00	3-7/8	5-1/4	15-1/2	3/16
E05900	SNAPPER	18.25	4	5	16	3/16
E06000	SOCKEYE	19.63	4	5-1/4	16	3/16
E06100	SPEARFISH	20.06	4-1/8	5-1/4	16-1/2	3/16
E06200	SQUIT	22.00	4-1/4	5-1/2	17	3/16
E06300	STREAKER	24.31	4-3/8	5-3/4	17-1/2	3/16
E06400	SUCKER	22.00	4-1/2	5-1/2	18	3/16
E06500	SUNFISH	24.63	4-1/2	5-3/4	18	3/16
E06600	SWORDFISH	34.00	4-5/8	6-1/8	18-1/2	1/4
E06700	TARPON	34.00	4-3/4	6-1/8	19	1/4
E06800	TROUT	33.00	4-7/8	6-1/8	19-1/2	1/4
E06900	WAHOO	35.00	5	6-1/8	20	1/4
E07000	WALLEYE	39.00	5	6-1/2	20	1/4
E07100	WANDTAIL	44.00	5-1/4	6-3/4	21	1/4
E07200	WAP	48.00	5-1/4	7	21	1/4
E07300	WARFISH	57.00	5-3/8	6-3/4	21-1/2	1/4
E07400	WARSAW	62.00	5-3/8	7	21-1/2	1/4
E07500	WHITEFISH	59.00	5-1/2	7	22	1/4
E07600	WINDFISH	44.50	5-5/8	7	22-1/2	1/4
E07700	YELLOWTAIL	48.00	5-3/4	7	23	1/4
E07800	YOWLING	52.00	5-7/8	7-1/2	24	1/4
E07900	ZANCLUS	55.00	6	7-1/2	24	1/4

# Morse Marine Bearings



Part Number	Code Name	Unit Wt. Lbs.	Shaft Dia. A	O.D. B	Length C	Met. Wall G	Flange D x E
E20100	Abalone	29	3"	4-1/4"	12"	1/2"	6-3/4x1/2
E20200	Barnacle	30	3-1/4"	4-1/2"	13"	1/2"	7x1/2
E20300	Crab	38	3-1/2"	4-7/8"	14"	1/2"	7-3/8x1/2
E20400	Crawfish	45	3-3/4"	5-1/4"	15"	1/2"	7-3/4x1/2
E20500	Lobster	50	4"	5-1/2"	16"	1/2"	8x1/2
E20600	Mussel	55	4-1/4"	5-3/4"	17"	1/2"	8-1/4x1/2
E20700	Nautilus	63	4-1/2"	6"	18"	1/2"	8-7/8x1/2
E20800	Octopus	66	4-3/4"	6-1/4"	19"	1/2"	9-1/8x1/2
E20900	Oyster	81	5"	6-3/4"	20"	9/16"	9-5/8x9/16
E21000	Prawn	88	5-1/4"	6-7/8"	21"	9/16"	9-7/8x9/16
E21100	Scallop	95	5-1/2"	7-1/4"	22"	9/16"	10-1/4x9/16
E21200	Seahorse	98	5-3/4"	7-1/4"	23"	9/19"	10-1/4x9/16
E21300	Shrimp	109	6"	7-3/4"	24"	9/16"	11x9/16
E21400	Bark	101	6-1/4"	8"	22-1/2"	9/16"	10-5/8x9/16
E21500	Brig	125	6-1/2"	8-3/8"	23-1/2"	9/16"	11x9/16
E21600	Canoe	135	6-3/4"	8-3/4"	24-1/2"	9/16"	11-3/8x9/16
E21700	Caravel	142	7"	9"	25-1/2"	9/16"	11-5/8x9/16
E21800	Clipper	150	7-1/4"	9-1/4"	26-1/2"	9/16"	11-7/8x9/16
E21900	Corsair	168	7-1/2"	9-5/8"	27-1/2"	9/16"	12-1/4x9/16
E22000	Corvette	187	7-3/4"	9-7/8"	28-1/2"	9/16"	12-1/2x9/16
E22100	Cutter	200	8"	10-1/4"	29-1/2"	5/8"	13-1/4x5/8
E22200	Cutterine	232	8"	10-1/2"	29-1/2"	5/8"	13-1/4x5/8
E22300	Dogger	230	8-1/4"	10-1/2"	30-1/2"	5/8"	13-1/2x5/8
E22400	Frigate	235	8-1/2"	10-3/4"	31-1/2"	5/8"	13-3/5x5/8
E22500	Galleon	240	8-3/4"	11"	32-1/2"	5/8"	14x5/8
E22600	Gondola	255	9"	11-1/4"	33-1/2"	3/4"	14-1/4x3/4
E22700	Ketch	275	9-1/4"	11-1/2"	34-1/2"	3/4"	14-5/8x3/4
E22800	Outrigger	278	9-1/2"	11-3/4"	35-1/2"	3/4"	14-7/8x3/4
E22900	Sampan	350	9-3/4"	12-1/8"	36-1/2"	3/4"	15-1/4x3/4
E23000	Schooner	355	10"	12-3/8"	37-1/2"	3/4"	15-1/2x3/4
E23100	Scooter	360	10-1/4"	12-5/8"	38-1/2"	3/4"	15-7/8x3/4
E23200	Shallop	365	10-1/2"	12-7/8"	39-1/2"	3/4"	16-1/8x3/4
E23300	Sloop	385	10-3/4"	13-1/8"	40-1/2"	3/4"	16-3/8x3/4
E23400	Smack	438	11"	13-1/2"	41-1/2"	3/4"	17-1/4x3/4
E23500	Snow	432	11-1/4"	13-3/4"	42-1/2"	3/4"	17-1/2x3/4
E23600	Tartan	496	11-1/2"	14-1/8"	43-1/2"	3/4"	17-7/8x3/4
E23700	Yacht	486	11-3/4"	14-3/8"	44-1/2"	3/4"	18-1/8x3/4
E23800	Yawl	529	12"	14-3/4"	45-1/2"	3/4"	18-1/2x3/4

All materials meet U.S. Navy Specification MIL-B17901B(SH) Class II

## Morse Marine Bearings

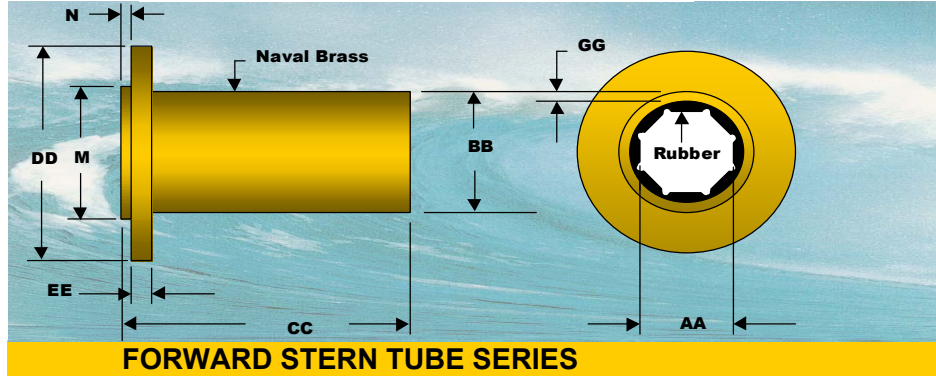
### Morse Rubber LLC

Tel: 319 524 8430 Fax: 319 524 7290

Part Number	Code Name	Unit Wt. Lbs.	Shaft Dia. A	O.D. B	Length C	Met. Wall G	Flange D x E
E23900	Yanqui	545	12-1/4"	15"	46-1/2"	5/8"	18-3/4x3/4
E24000	Yapok	545	12-1/2"	15-1/4"	47-1/2"	5/8"	19x3/4

E24100	Yarborough	550	12-3/4"	15-1/2"	48-1/2"	5/8"	19-1/4X3/4
E24200	Yataghan	563	13"	15-7/8"	50"	11/16"	19-5/8X7/8
E24300	Yoeman	610	13-1/4"	16-1/8"	51"	11/16"	19-7/8X7/8
E24400	York	640	13-1/2"	16-3/8"	52"	11/16"	20-1/8X7/8
E24500	Zephyr	650	13-3/4"	16-5/8"	53"	11/16"	20-3/8X7/8
E24600	Zeppelin	675	14"	16-7/8"	54"	11/16"	20-5/8X7/8
E24700	Zeppo	701	14-1/4"	17-1/8"	55"	11/16"	20-7/8X7/8
E24800	Zircon	754	14-1/2"	17-1/2"	56"	3/4"	21-1/4X7/8
E24900	Zodiac	775	14-3/4"	17-3/4"	57"	3/4"	21-1/2X7/8
E25000	Zulu	795	15"	18"	58"	3/4"	21-3/4X7/8

Non-standard sizes, materials and special features are available upon request.



Part Number	Unit Wt. Lbs.	Shaft Dia. AA	O.D. BB	Length CC	Met.Wall GG	Flange DD x EE	Pilot M x N
FB1300	75	6"	7-3/4"	15"	3/8"	11-3/8x9/16	8x3/8
FB1400	77	6-1/4"	8"	15"	3/8"	11-3/8x9/16	8x3/8
FB1500	91	6-1/2"	8-3/8"	15"	7/16"	13-1/2x5/8	8-5/8x3/8
FB1600	99	6-3/4"	8-3/4"	15"	7/16"	13-3/4x5/8	9x3/8
FB1700	116	7"	9"	17-1/2"	7/16"	13-3/4x5/8	9x3/8
FB1800	122	7-1/4"	9-1/4"	17-1/2"	7/16"	14-1/8x5/8	9-5/8x3/8
FB1900	123	7-1/2"	9-5/8"	17-1/2"	7/16"	14-1/2x5/8	10x3/8
FB2000	126	7-3/4"	9-7/8"	17-1/2"	1/2"	14-1/2x5/8	10x3/8
FB2100	145	8"	10-1/4"	20"	1/2"	14-7/8x5/8	10-3/8x3/8
FB2200	150	8"	10-1/2"	20"	1/2"	14-7/8x5/8	10-3/8x3/8
FB2300	157	8-1/4"	10-1/2"	20"	1/2"	15-1/4x5/8	10-3/4x3/8
FB2400	162	8-1/2"	10-3/4"	20"	1/2"	15-1/4x5/8	10-3/4x3/8
FB2500	170	8-3/4"	11"	20"	1/2"	15-5/8x3/4	11-1/8x3/8
FB2600	193	9"	11-1/4"	22-1/2"	1/2"	16x3/4	11-1/2x3/8
FB2700	200	9-1/4"	11-1/2"	22-1/2"	1/2"	16x3/4	11-1/2x3/8
FB2800	205	9-1/2"	11-3/4"	22-1/2"	1/2"	16-3/8x3/4	11-7/8x3/8
FB2900	217	9-3/4"	12-1/8"	22-1/2"	9/16"	16-7/8x3/4	12-3/8x3/8
FB3000	240	10"	12-3/8"	25"	9/16"	16-7/8x3/4	12-3/8x3/8
FB3100	244	10-1/4"	12-5/8"	25"	9/16"	17-7/8x3/4	12-3/4x3/8
FB3200	247	10-1/2"	12-7/8"	25"	9/16"	18-1/4x3/4	13-1/8x3/8
FB3300	270	10-3/4"	13-1/8"	25"	9/16"	18-1/4x3/4	13-1/8x3/8
FB3400	300	11"	13-1/2"	27-1/2"	9/16"	18-5/8x3/4	13-1/2x3/8
FB3500	312	11-1/4"	13-3/4"	27-1/2"	9/16"	19x3/4	13-7/8x3/8
FB3600	326	11-1/2"	14-1/8"	27-1/2"	5/8"	19x3/4	13-7/8x3/8
FB3700	335	11-3/4"	14-3/8"	27-1/2"	5/8"	19-3/8x3/4	14-1/8x3/8
FB3800	360	12"	14-3/4"	30"	5/8"	19-3/4x3/4	14-1/2x3/8

All materials meet U.S. Navy Specification MIL-B-17901B(SH) Class II

## Morse Marine Bearings

**Morse Rubber LLC 3588 Main St. Keokuk, IA 52632 USA**

Tel: 319 524 8430 Fax: 319 524 7290

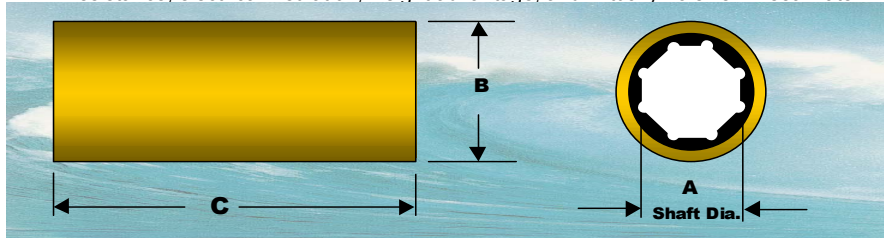
# Morse MARINE BEARINGS METRIC SERIES

## STANDARD BRASS SLEEVE

Sleeve bearings with Naval Brass outer shell super-bonded to a fluted rubber bearing surface. Engineered to meet the toughest service requirements in marine and industrial applications.

### NON-METALLIC SLEEVE

The special shell used in non-metallic sleeve bearings provides corrosion and chemical resistance, electrical insulation, weight advantage, and virtually no swell in sea water.



Dimensions (MM)			Part No.	Part No.
I.D. (A)	O.D. (B)	LNTH. (C)	Brass	Non-Metallic
20	35	80	BM0100	FM0100
22	35	88	BM0200	FM0200
25	40	100	BM0300	FM0300
28	42	112	BM0400	FM0400
30	45	120	BM0500	FM0500
32	45	128	BM0600	FM0600
35	50	140	BM0700	FM0700
38	55	152	BM0800	FM0800
40	55	160	BM0900	FM0900
42	60	168	BM1000	FM1000
45	65	180	BM1100	FM1100
50	70	200	BM1200	FM1200
55	75	220	BM1300	FM1300
60	80	240	BM1400	FM1400
65	85	260	BM1500	FM1500
70	90	280	BM1600	FM1600
75	95	300	BM1700	FM1700
80	100	320	BM1800	FM1800
85	105	340	BM1900	FM1900
90	110	360	BM2000	FM2000
95	115	380	BM2100	FM2100
100	125	400	BM2200	FM2200
105	130	420	BM2300	FM2300
110	135	440	BM2400	FM2400
115	145	460	BM2500	FM2500
120	155	480	BM2600	FM2600
125	165	500	BM2700	FM2700
130	170	520	BM2800	FM2800
135	170	540	BM2900	FM2900
140	180	560	BM3000	FM3000
145	180	580	BM3100	FM3100
150	190	600	BM3200	FM3200
155	190	620	BM3300	FM3300

### Morse Marine Bearings

#### Morse Rubber LLC

3588 Main St.

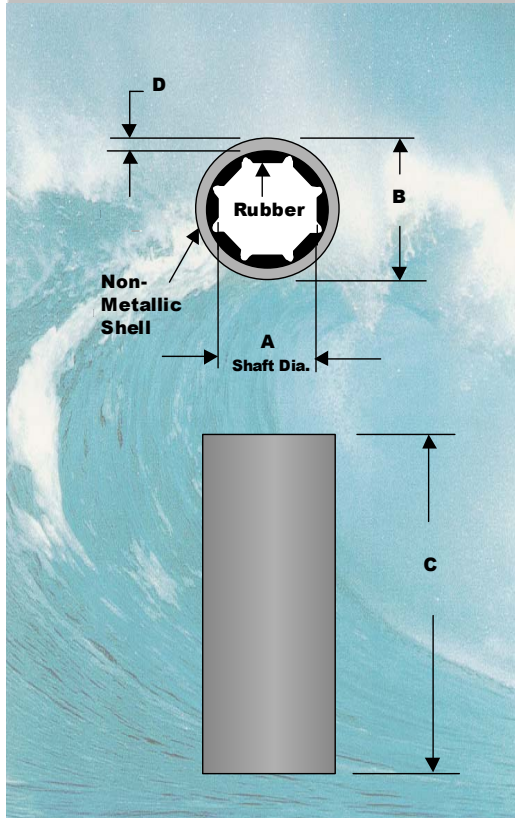
Keokuk, IA 52632 USA

Tel: 319 524 8430 Fax: 319 524 7290

# Morse

## MARINE BEARINGS

### STANDARD NON-METALLIC SERIES



## Morse Rubber LLC

3588 Main Street  
Keokuk, IA 52632 USA  
Ph. (319) 524-8430  
Fax (319) 524-7290  
Toll Free (USA & Can)  
800-553-7036

PART NO.	CODE NAME	UNIT WT.	SHAFT DIA. (A)	OUTSIDE DIA. (B)	LENGTH INCH (C)	SHELL WALL (D)
EF0100	ADDER	0.13	3/4	1-1/4	3	1/8
EF0200	AGII	0.19	7/8	1-3/8	3-1/2	1/8
EF0300	ANCHOVY	0.19	7/8	1-1/2	3-1/2	1/8
EF0350	ANABLEPS	0.15	1	1-1/4	4	1/32
EF0375	ARROWANA	0.17	1	1-3/8	4	1/16
EF0400	ANGEL	0.19	1	1-1/2	4	1/8
EF0500	BARBEL	0.25	1	1-5/8	4	1/8
EF0600	BILLFISH	0.50	1	2	4	1/8
EF0650	BLOODFIN	0.40	1-1/8	1-1/2	4-1/2	1/16
EF0700	BLUEFISH	0.25	1-1/8	1-5/8	4-1/2	1/8
EF0800	BONE	0.31	1-1/8	1-3/4	4-1/2	1/8
EF0900	BREAM	0.44	1-1/8	2	4-1/2	1/8
EF0950	BRICHARDI	0.46	1-1/4	1-1/2	5	1/32
EF1000	BRILL	0.25	1-1/4	1-3/4	5	1/8
EF1100	BURBOT	0.50	1-1/4	2	5	1/8
EF1200	CAPELIN	0.63	1-1/4	2-1/8	5	1/8
EF1300	CHIRUS	0.44	1-3/8	1-7/8	5-1/2	1/8
EF1400	CISCOES	0.50	1-3/8	2	5-1/2	1/8
EF1500	COAL	0.63	1-3/8	2-1/8	5-1/2	1/8
EF1600	CONEY	0.81	1-3/8	2-3/8	5-1/2	1/8
EF1700	CORBINA	0.50	1-1/2	2	6	1/8
EF1800	CRAIG	0.50	1-1/2	2-3/8	6	1/8
EF1900	CRAMP	0.50	1-5/8	2-1/8	6-1/2	1/8
EF2000	DIDON	1.13	1-5/8	2-5/8	6-1/2	1/8
EF2100	DORADE	0.81	1-3/4	2-3/8	7	1/8
EF2200	GERRES	1.00	1-3/4	2-5/8	7	1/8
EF2300	GILTHEAD	1.00	1-7/8	2-5/8	7-1/2	1/8
EF2400	GLOBE	1.50	1-7/8	2-15/16	7-1/2	1/8
EF2500	GOBIE	0.94	2	2-5/8	8	1/8
EF2600	GUPPY	1.56	2	3	8	1/8
EF2700	HADDOCK	1.31	2-1/8	2-15/16	8-1/2	1/8
EF2800	HAYHO	1.88	2-1/8	3-1/8	8-1/2	1/8
EF2900	HOLIA	1.38	2-1/4	2-15/16	9	1/8
EF3000	HOOPIID	1.81	2-1/4	3-1/8	9	1/8
EF3100	HORNED	2.19	2-1/4	3-3/8	9	1/8
EF3200	JUREL	2.13	2-3/8	3-3/8	9-1/2	1/8
EF3300	LAUNCE	1.44	2-1/2	3-1/8	10	1/8
EF3400	LOACH	1.75	2-1/2	3-3/8	10	1/8
EF3500	LUMP	1.81	2-5/8	3-3/8	10-1/2	1/8
EF3600	MIDGE	1.75	2-3/4	3-3/8	11	1/8
EF3700	MONDA	2.63	2-3/4	3-3/4	11	1/8
EF3800	MORAY	2.56	2-7/8	3-3/4	11-1/2	1/8
EF3900	NUMB	2.38	3	3-3/4	12	1/8
EF4000	OARFISH	3.00	3	4	12	1/8
EF4100	OX	3.75	3-1/8	4-1/4	12-1/2	1/8
EF4200	ONO	2.75	3-1/4	4	13	1/8
EF4300	PADDLE	3.50	3-1/4	4-1/4	13	1/8
EF4400	PIPE	4.13	3-3/8	4-1/2	13-1/2	1/8
EF4500	PLAICE	3.88	3-1/2	4-1/4	14	1/8
EF4600	PILOT	4.00	3-1/2	4-1/2	14	1/8
EF4700	PIPER	3.50	3-5/8	4-1/2	14-1/2	1/8
EF4800	SPRAT	3.13	3-3/4	4-1/2	15	1/8
EF4900	SALTIE	5.81	3-3/4	5	15	3/16
EF5000	SOLE	7.13	3-3/4	5-1/4	15	3/16
EF5100	SARDINE	6.38	3-7/8	5-1/4	15-1/2	3/16
EF5200	SKATE	4.75	4	5	16	3/16
EF5300	SKITTLE	6.38	4	5-1/4	16	3/16
EF5400	STAR	5.63	4-1/8	5-1/4	16-1/2	3/16
EF5500	SAND	7.13	4-1/4	5-1/2	17	3/16
EF5600	SPOTTED	8.81	4-3/8	5-3/4	17-1/2	3/16
EF5700	STINGEON	6.13	4-1/2	5-1/2	18	3/16
EF5800	STRUGEON	8.13	4-1/2	5-3/4	18	3/16
EF5900	STERLET	10.50	4-5/8	6-1/8	18-1/2	1/4
EF6000	SEA	10.00	4-3/4	6-1/8	19	1/4
EF6100	SCALD	9.31	4-7/8	6-1/8	19-1/2	1/4
EF6200	SCARINA	8.50	5	6-1/8	20	1/4
EF6300	SCOMBER	12.25	5	6-1/2	20	1/4
EF6400	SEACAL	13.25	5-1/4	6-3/4	21	1/4
EF6500	SHANNY	15.75	5-1/4	7	21	1/4
EF6600	SKIPJACK	12.00	5-3/8	6-3/4	21-1/2	1/4
EF6700	SCAD	14.00	5-3/8	7	21-1/2	1/4
EF6800	TUNNY	13.50	5-1/2	7	22	1/4
EF6900	SKIPPY	12.63	5-5/8	7	22-1/2	1/4
EF7000	SNOOK	12.25	5-3/4	7	23	1/4
EF7100	SPINOUS	18.00	5-7/8	7-1/2	24	1/4
EF7200	SERRONO	16.00	6	7-1/2	24	1/4