FORTRESS MARINE ANCHORS | Selection Guide

Anchor size recommendations are for boats of average windage and proportions, 30 knots of wind, average bottom conditions, and moderate protection from open seas. For storm conditions, we recommend using an anchor one or two sizes larger.

Fortress Model		FX-7	FX-11	FX-16	FX-23	FX-37	FX-55	FX-85	FX-125
Boat Length	(ft)	16-27	28-32	33-38	39-45	46-51	52-58	59-68	69-150
	(m)	5-8	8-10	10-12	12-14	14-15	16-18	18-21	21-46
Weight	lb (kg)	4 (1.8)	7 (3.2)	10 (4.5)	15 (6.8)	21 (9.5)	32 (14.5)	47 (21.3)	69 (31.3)
Replaces Steel Fluke Anchors	(lb)	6-9	10-13	14-18	19-28	33-50	50-65	70-90	100-170
	(kg)	3-4	5-6	6-8	9-13	15-23	23-29	32-41	45-77
Holding Power									
32° Hard Sand Holding	(lb)	2,800	3,600	5,000	8,000	12,000	16,000	21,000	27,000
	(kg)	1,270	1,630	2,270	3,630	5,440	7,260	9,530	12,250
45° Soft Mud Holding	(lb)	840	1,080	1,500	2,400	3,600	4,800	6,300	8,100
	(kg)	380	490	680	1,090	1,633	2,180	2,860	3,670
32° Soft Mud Holding	(lb)	420	540	750	1,200	1,800	2,400	3,150	4,050
	(kg)	190	250	340	540	820	1,090	1,430	1,840
Support Hardware									
Proof Coil Chain	in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	3/8 (9)	3/8 (9)	1/2 (13)	1/2 (13)	1/2 (13)
Nylon Rope	in (mm)	3/8 (9)	3/8 (9)	1/2 (12)	5/8 (16)	3/4 (18)	7/8 (22)	1 (24)	1 1/4 (32)
Shackle Size	in (mm)	1/4 (6)	1/4 (6)	5/16 (8)	3/8 (9)	7/16 (12)	1/2 (13)	5/8 (16)	5/8 (16)

Use three-strand nylon rope and a minimum of 6 ft (2 m) of chain for every 25 ft (8 m) of water depth.
Be sure to use enough chain and rope for a minimum 5:1 scope.