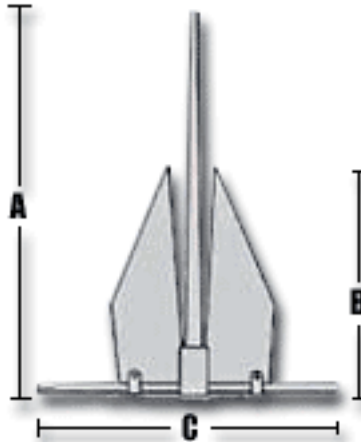


## Anchor Selection & Specifications Guide

Boat size recommendations are for boats of average windage and proportions in 30 knots of wind, average bottom conditions, and moderate protection from open seas. Remember that the loads in 42 knots of wind are twice as much as in 30 knots.

Use three-strand nylon rope, 6-12 ft (2-4 m) of chain and a minimum of 5:1 scope. Also, a minimum of 6 ft (2 m) of chain should be used for every 25 ft (8 m) of water depth. For storm conditions use an anchor one or two sizes larger.



Model		G-5	G-7	G-11	G-16	G-23	G-37	G-55	G-85	G-125
Boat Length	ft	12'-16'	17'-22'	23'-27'	28'-33'	34'-41'	42'-47'	48'-53'	54'-62'	63'-72'
	m	4-5	5-7	7-8	8-10	10-12	12-14	14-16	16-19	19-22
Weight	lb	2 1/2	4	6	7	13	18	29	42	65
	kg	1.1	1.8	2.7	3.2	5.9	8.1	13.1	19	29.3
Replaces Steel Anchors	lb	4-6	6-9	10-13	14-18	19-28	33-50	50-65	70-90	100-170
	kg	2-3	3-4	5-6	6-8	9-13	15-23	23-29	32-41	45-77

### HOLDING POWER

Model		G-5	G-7	G-11	G-16	G-23	G-37	G-55	G-85	G-125
Working Load	lb	350	575	750	1,075	1,625	2,500	3,500	4,625	6,000
	kg	159	261	340	488	737	1,134	1,588	2,098	2,722
32° Hard Sand	lb	1,050	1,725	2,250	3,225	4,875	7,500	10,500	13,875	18,000

<b>Holding Power</b>	<b>kg</b>	<b>476</b>	<b>782</b>	<b>1,021</b>	<b>1,462</b>	<b>2,211</b>	<b>3,402</b>	<b>4,763</b>	<b>6,294</b>	<b>8,165</b>
	<b>lb</b>	<b>210</b>	<b>345</b>	<b>450</b>	<b>645</b>	<b>975</b>	<b>1,500</b>	<b>2,100</b>	<b>2,775</b>	<b>3,600</b>
<b>32° Soft Mud Holding Power</b>	<b>kg</b>	<b>95</b>	<b>156</b>	<b>204</b>	<b>293</b>	<b>442</b>	<b>680</b>	<b>953</b>	<b>1,259</b>	<b>1,633</b>

## DIMENSIONS

<b>Model</b>		<b>G-5</b>	<b>G-7</b>	<b>G-11</b>	<b>G-16</b>	<b>G-23</b>	<b>G-37</b>	<b>G-55</b>	<b>G-85</b>	<b>G-125</b>
<b>"A" Shank Length</b> <a href="#">[diagram]</a>	<b>in</b>	<b>19"</b>	<b>22"</b>	<b>25"</b>	<b>29"</b>	<b>33"</b>	<b>38"</b>	<b>43"</b>	<b>48"</b>	<b>53"</b>
	<b>mm</b>	<b>483</b>	<b>559</b>	<b>635</b>	<b>737</b>	<b>838</b>	<b>965</b>	<b>1,092</b>	<b>1,219</b>	<b>1,346</b>
<b>"B" Fluke Length</b> <a href="#">[diagram]</a>	<b>in</b>	<b>11"</b>	<b>13"</b>	<b>15"</b>	<b>17"</b>	<b>19"</b>	<b>22"</b>	<b>25"</b>	<b>28"</b>	<b>31"</b>
	<b>mm</b>	<b>179</b>	<b>330</b>	<b>381</b>	<b>432</b>	<b>483</b>	<b>559</b>	<b>635</b>	<b>711</b>	<b>787</b>
<b>"C" Stock Length</b> <a href="#">[diagram]</a>	<b>in</b>	<b>16"</b>	<b>18"</b>	<b>20"</b>	<b>23"</b>	<b>27"</b>	<b>31"</b>	<b>35"</b>	<b>39"</b>	<b>43"</b>
	<b>mm</b>	<b>406</b>	<b>457</b>	<b>508</b>	<b>584</b>	<b>686</b>	<b>787</b>	<b>889</b>	<b>991</b>	<b>1,092</b>

## SUPPORT HARDWARE

<b>Model</b>		<b>G-5</b>	<b>G-7</b>	<b>G-11</b>	<b>G-16</b>	<b>G-23</b>	<b>G-37</b>	<b>G-55</b>	<b>G-85</b>	<b>G-125</b>
<b>Proof Coil Chain</b>	<b>in</b>	<b>3/16"</b>	<b>3/16"</b>	<b>3/16"</b>	<b>1/4"</b>	<b>5/16"</b>	<b>3/8"</b>	<b>3/8"</b>	<b>1/2"</b>	<b>1/2"</b>
	<b>mm</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>13</b>	<b>13</b>
<b>Nylon Rope**</b>	<b>in</b>	<b>3/8"</b>	<b>3/8"</b>	<b>3/8"</b>	<b>3/8"</b>	<b>1/2"</b>	<b>5/8"</b>	<b>3/4"</b>	<b>7/8"</b>	<b>1"</b>
	<b>mm</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>13</b>	<b>16</b>	<b>19</b>	<b>22</b>	<b>25</b>
<b>Shackle Size</b>	<b>in</b>	<b>3/16"</b>	<b>3/16"</b>	<b>1/4"</b>	<b>1/4"</b>	<b>5/16"</b>	<b>3/8"</b>	<b>7/16"</b>	<b>1/2"</b>	<b>5/8"</b>
	<b>mm</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>16</b>

NOTE: Hard sand holding power figures above represent loads actually achieved on production FORTRESS and Guardian anchors under controlled horizontal pull conditions without dragging or resulting in disabling structural deformation.

\*\* Rope recommendations are based on 25% of breaking strength. Rope must be in good condition.

[\[Top of page\]](#)