

# SIZING FOR YOUR BOAT

## WHAT SIZE ANCHOR DO I NEED?

Please find our sizing chart for Rocna and Vulcan anchors below, attached to anchors in stores, or on our website: [rocna.com](http://rocna.com)

## WHICH WILL FIT BEST, ROCNA OR VULCAN?

The Rocna anchor has "set the bar" for the highest performance and reliability when put to the test. The Vulcan infuses as many as possible of the proven performance advantages of its elder sibling, while being specifically designed to fit a wider range of vessels. For the Vulcan, the omission of a roll-bar along with a carefully designed shank prole ensures a snug fit on bows. Platforms, bowsprits, prods, stays, and other protrusions are easily cleared.

## ROCNA AND VULCAN SIZING

There's a Rocna or Vulcan to suit just about any vessel – including larger sizes not featured here. 1 t = 1000 kg (metric tonnes). We base our calculations on 50 knots of wind, associated surge, and poor holding bottoms. For more on our philosophy and rationale, please consult our Knowledge Base article. For multi-hulls: use the chart as instructed, then select the model one size larger.

		ROCNA OR VULCAN MODEL												
		4	6	9	10	12	15	20	25	33	40	55	70	110
				Vulcan only	Rocna only	Vulcan only							Rocna only	Rocna only
Vessel length	4 m 13 ft	≤ 2 t												
	5 m 16 ft	≤ 1 t	≤ 5 t											
	6 m 20 ft	≤ ½ t	≤ 3.5 t	≤ 7 t										
	7 m 23 ft	≤ ½ t	≤ 2 t	≤ 6 t	≤ 7 t	≤ 9 t								
	8 m 26 ft		≤ 1 t	≤ 5 t	≤ 6 t	≤ 8 t	≤ 12 t							
	9 m 30 ft		≤ ½ t	≤ 4 t	≤ 5 t	≤ 7 t	≤ 10 t	≤ 16 t						
	10 m 33 ft			≤ 3 t	≤ 4 t	≤ 6 t	≤ 8.5 t	≤ 14 t	≤ 22 t					
	11 m 36 ft			≤ 2 t	≤ 3 t	≤ 5 t	≤ 7 t	≤ 12 t	≤ 20 t					
	12 m 39 ft					≤ 4 t	≤ 6 t	≤ 10 t	≤ 18 t	≤ 30 t				
	14 m 46 ft						≤ 4 t	≤ 6 t	≤ 13 t	≤ 23 t	≤ 40 t			
	16 m 52 ft							≤ 3 t	≤ 9 t	≤ 18 t	≤ 32 t	≤ 60 t		
	18 m 59 ft								≤ 5 t	≤ 14 t	≤ 25 t	≤ 50 t	≤ 85 t	
	20 m 66 ft									≤ 10 t	≤ 18 t	≤ 40 t	≤ 75 t	≤ 165 t
	22 m 72 ft									≤ 6 t	≤ 12 t	≤ 33 t	≤ 65 t	≤ 150 t
	24 m 79 ft										≤ 7 t	≤ 25 t	≤ 55 t	≤ 135 t
	26 m 85 ft											≤ 18 t	≤ 45 t	≤ 120 t
28 m 92 ft												≤ 35 t	≤ 105 t	
30 m 98 ft													Use EN*	
35 m 115 ft														Use EN*
<b>Anchor weight</b>		4 kg	6 kg	9 kg	10 kg	12 kg	15 kg	20 kg	25 kg	33 kg	40 kg	55 kg	70 kg	110 kg
		9 lb	13 lb	20 lb	22 lb	27 lb	33 lb	44 lb	55 lb	73 lb	88 lb	121 lb	154 lb	243 lb
<b>Rocna fluke area</b>		460 cm <sup>2</sup>	590 cm <sup>2</sup>	-	795 cm <sup>2</sup>	-	1030 cm <sup>2</sup>	1140 cm <sup>2</sup>	1415 cm <sup>2</sup>	1695 cm <sup>2</sup>	1945 cm <sup>2</sup>	2300 cm <sup>2</sup>	2690 cm <sup>2</sup>	3330 cm <sup>2</sup>
<b>Vulcan fluke area</b>		420 cm <sup>2</sup>	560 cm <sup>2</sup>	730 cm <sup>2</sup>	-	880 cm <sup>2</sup>	1020 cm <sup>2</sup>	1240 cm <sup>2</sup>	1440 cm <sup>2</sup>	1730 cm <sup>2</sup>	1970 cm <sup>2</sup>	2430 cm <sup>2</sup>	-	-
<b>Recommended G40 chain</b>		6 mm	6 mm	7 mm	7 mm	8 mm	8 mm	9 mm	10 mm	10 mm	11 mm	12 mm	14 mm	16 mm
		1/4"	1/4"	1/4"	1/4"	5/16"	5/16"	5/16"	3/8"	3/8"	7/16"	7/16"	1/2"	5/8"

Vessel displacement units: 1 t (metric tonne) = 2,205 lb