

Anchor Chain Size Chart

Recommended short-link anchor chain size by boat length and displacement, in millimetres and inches, with the Muir windlasses and drum winches built for each size.

BOAT LENGTH	DISPLACEMENT	CHAIN (MM)	CHAIN (INCH)	WEIGHT (DIN 766)	MUIR SYSTEMS
Up to 6 m Up to 20 ft	Under 1,500 kg	6 mm	1/4"	0.8 kg/m	DW06 drum winch · Storm VR600
6 - 10 m 20 - 33 ft	Under 4,000 kg	8 mm	5/16"	1.4 kg/m	DW08 · DW10 drum winches · Storm VR/VRC850
10 - 13 m 33 - 43 ft	Under 8,000 kg	10 mm	3/8"	2.2 kg/m	DW12 drum winch · Storm VR/VRC1250 · HR1600 Cougar
13 - 18 m 43 - 60 ft	Under 15,000 kg	13 mm	1/2"	3.9 kg/m	Storm VR/VRC2500 · HR2500 Cheetah · HR3500 Jaguar
18 - 24 m 60 - 80 ft	Under 30,000 kg	16 mm	5/8"	5.8 kg/m	HR4000 Thor · HR4200 Thor

Size and standard must both match. DIN 766, ISO 4565, US BBB and High Test chain of the same nominal size have different link pitch, and a gypsy is cut for one standard only. Check the stamp on your chain or gypsy, or measure a few links, before you order.

When to go up a size

- Heavy or high-windage boats, or a boat at the top of its length band.
- Charter, commercial or extended offshore use.
- Plans to carry more chain or a heavier anchor later.

How much chain? A common rule of thumb is a scope of at least 5:1 for all-chain rode and about 7:1 for rope and chain (scope = rode let out ÷ depth plus bow-roller height). Allow more in strong wind or poor holding.

Use calibrated chain only. Ordinary galvanised chain is not calibrated, so its links will not

seat in a windlass gypsy and can jump under load.

Guide only: confirm your selection with Muir or a Muir dealer. Tools: muir.com.au/selection-tools · Windlass Selection Tool: muir.com.au/windlass-selection-tool