

The World's Best Anchor

STRONGER. FASTER. LIGHTER.



 **FORTRESS**
MARINE ANCHORS

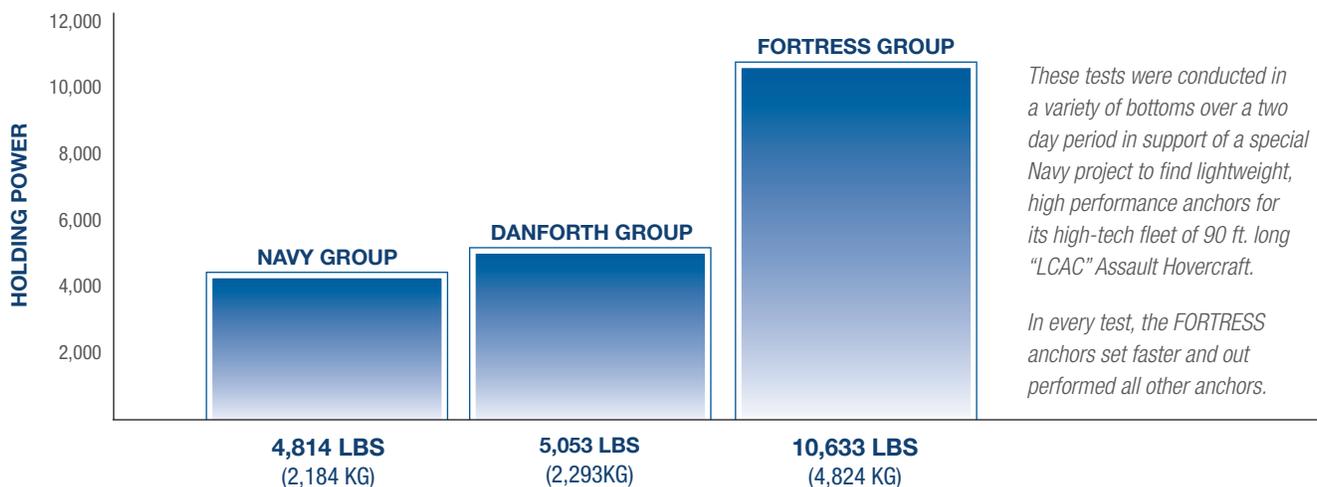
During the past 25 years, Fortress Anchors have been enthusiastically accepted worldwide for use aboard pleasure craft, commercial, and military vessels, which is largely due to the high holding power performance to weight ratio that has been achieved by these anchors.

Fortress Anchors are precision-machined from an aluminum-magnesium alloy, which insures faster setting and deeper penetration in common sea bottoms compared to traditional, much heavier steel anchors. In holding tests that were conducted by the US Navy for their Landing Craft Air Cushion (LCAC) program, the Fortress anchors tested held 200-300x their weight on average, which was far superior to the performance of the competing steel anchors in this test.

Additionally, concerns regarding the structural strength of an aluminum alloy anchor were addressed and put to rest by the US Navy with this statement in their summary report:

“The fact that the Fortress anchors incurred no significant structural damage at such high holding ratios suggests that the anchors have been extensively engineered from both the hydrodynamic and structural standpoints.”

U.S. Navy Anchor Tests | Norfolk, Virginia USA | May 1989



Based upon numerous discussions with naval architects from around the world, it is our clear understanding that reducing weight on the bow is an important component to improving vessel speed, fuel economy, and stability.

With this goal in mind, not only will the Fortress Anchor offer greatly reduced anchor weight, but for the accompanying anchoring system as well (i.e. chain, rope, winch), since a lighter weight Fortress Anchor will not require a much heavier duty deployment / retrieval system.

All Fortress Anchor models have been certified by the American Bureau of Shipping (ABS) since the early 90s, and two models, the FX-85 and FX-125 are certified as Super High Holding Power (SHHP) anchors by Det Norske Veritas (DNV) as well.

BELOW ARE A FEW EXAMPLES OF VESSELS WHICH USE FORTRESS AS THEIR PRIMARY ANCHORS:



US COAST GUARD 25-FT RESPONSE BOAT SMALL (RB-S)



US COAST GUARD 47-FT MOTOR LIFEBOAT (MLB)



US COAST GUARD 87-FT COASTAL PATROL BOAT (WPB)



US COAST GUARD 110-FT ISLAND CLASS PATROL BOAT (WPB)



US COAST GUARD 45-FT RESPONSE BOAT MEDIUM (RB-M)



US COAST GUARD 154-FT FAST RESPONSE CUTTER (FRC)

We would welcome the opportunity to present our product and discuss the possibility of using Fortress Anchors aboard the vessels you are currently in the process of designing. I look forward to hearing from you in the near future.

Best regards,
Brian Sheehan, VP