

ULTRA ANCHOR vs. The Competition

When considering which anchor is best, consider which sets the easiest? Generates the highest holding power? Is suitable for the most varied bottom conditions? The differences in anchors can be subtle but minor design differences cause major differences in behavior and performance and vessel safety.



ULTRA ANCHOR vs. DANFORTH

The flat cross section is what makes the Danforth or Danforth-style anchors have such high holding power in sand-type materials. Unfortunately, the Danforth is very difficult to set in anything but sand. By comparison, **ULTRA ANCHOR is able to penetrate all bottom conditions** (that can be penetrated) due to its curved penetrating tip and center of gravity in its base.

ULTRA ANCHOR vs. ROCNA & BUEGEL

The Rocna and Buegel depend on the weight of their shank and flukes for penetration. This high center of gravity means they may land on their side during deployment. In order to penetrate, the Rocna or Buegel must first roll over to right itself into the attack position. Their design solution for this problem is the hoop. It is designed to facilitate roll over. Unfortunately, the hoop also provides resistance against unconsolidated soils and stops it at, or just below, the surface. The hoop ultimately prevents the anchor from digging deeper to the denser, higher holding-power soils or generating sufficient holding power.

Unlike the Rocna or Buegel, **ULTRA ANCHOR always hits the sea floor ready to attack**. Due to the buoyancy of its hollow shank and the center of gravity in its base, the ULTRA ANCHOR can't land on its side--it lands ready to dig. Additionally, ULTRA ANCHOR has no hoop to provide resistance to digging deeper. Each tug on the anchor rode acts to dig the ULTRA ANCHOR deeper and deeper. As a result, **ULTRA ANCHOR has the highest holding power in its class**.

ULTRA ANCHOR vs. SPADE

The Ultra and Spade are similar in that they both weight the tip of the anchor with a lead-filled base. However, the Spade does not benefit from the shift in the center of gravity to the tip that the ULTRA ANCHOR receives due to the buoyancy of its hollow shank.

The Spade has a concave surface. The **ULTRA ANCHOR sets quickly** due to its concave shape combined with its reverse-curved tip, much like a carpenter's chisel. In fact, ULTRA ANCHOR sets within its own length in almost all soil conditions.

The Spade shank is configured so that the anchor rode can be fouled if too much chain is dropped on top of the anchor before the vessel falls back to set the anchor. ULTRA ANCHOR's reinforcing bar keeps the anchor line from fouling the shank.

ADDITIONAL ADVANTAGES OF ULTRA ANCHOR:

- **Lifetime Warranty.** The ULTRA ANCHOR is supplied with a LIFETIME WARRANTY against manufacturing and material defects under normal conditions and use.
- **No Reported Failures.** Unlike other anchors that have reported failures including bent and splintered shanks, there have been no reported failures of ULTRA ANCHOR.
- **No Rust. No Need to Re-Galvanize.** ULTRA ANCHOR is manufactured from 316L Stainless steel and can be easily polished. The Ultra will provide many years of corrosion free service with out the need to re-galvanize.
- **Eco-friendly.** The lead filled base is totally encapsulated so no dissimilar metals are exposed to seawater. The quick setting, lack of drag and quick recovery of the ULTRA ANCHOR means minimum impact on the sensitive environment of the seafloor.
- **Strong construction.** The tubular structural shape of the shank of the ULTRA ANCHOR provides a stronger resistance to bending than any of the solid shank other anchors.