



Platipus S6H ARGS Landfill Percussive Driven Earth Anchor Specification

Percussion anchors are made of corrosion resistant hard anodized aluminum alloy, gravity die cast and heat treated to give considerable increase in mechanical strength and durability both during installation and in service, connected to a stainless steel tendon to fully enhance corrosion resistance particularly at the soil/air interface. Manufactured in accordance with ISO 9001 standards

Drive Anchor Geometry

- Bell Shape: The bell shaped working surface area of the anchor offers significant increases in potential load. It provides very high load possibilities for a small surface area anchor by focusing the frustum of soil more clearly.
- Edge Beads: The edges are carefully rounded to further enhance the frustum area and reduce “spill off” during high loadings which reduces mechanical shear of soil.
- Delta Drive Point: Where high capacity small profile anchors are used in hard ground conditions it is essential to have a drive point which splits the material by way of separating the upper side and lower side, thus compressing the material into a predetermined area. This enhances the anchor’s ability to drive more quickly through dense soil types.
- Anchor Keel: The use of high keel which emanates from the anchor eye to the delta drive point reinforces the ability of the anchor to drive straight through difficult anchoring material.

Platipus Earth Anchor

ANCHOR

S06EH Hard Anodized Aluminum Alloy Anchor

LOWER TERMINATION

Stainless Steel Soft Eye including Stainless Steel Ferrule

WIRE TENDON

4mm diameter grade 316 Stainless Steel Wire Tendon x 1.83 meters (~6.0')

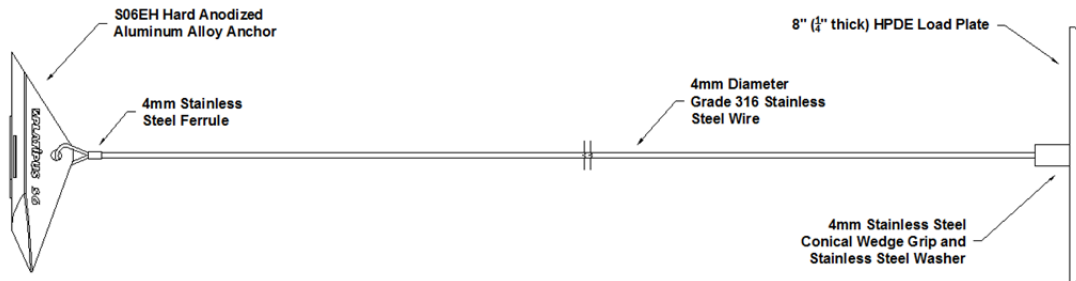
TOP ACCESSORY

8” diameter x 1/4” thick HDPE load plate w/ SS washer

TOP TERMINATION

4mm Stainless Steel Conical Wedge Grip

This anchor has an ultimate load of 2,200 lbs. On site load testing can be performed to insure the anchor meets the engineer’s recommended holding capacity.



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