

Gripple Terra Lock TL-100 Anchor Assembly

Product Images



Short Description

Gripple anchor assembly for fixing geosynthetics, geotextiles, matting, turf reinforcement mats or TRM, jute and other ground coverings. Terra-Lock Earth Percussion Anchors are designed to provide drive efficiency and maximise load capacity across a wide range of applications.

Description

The Gripple Terra Lock Earth Percussion Anchors are designed to provide drive efficiency and maximise load capacity across a wide range of applications. The Terra-Lock™ 100 load bearing plate has an open face allowing for vegetation establishment. Terra-Lock anchors assemblies are all preassembled with specific anchor heads, wire rope tendon, and bearing plates. Patented Gripple technology allows for re-tensioning and negates the need for time consuming crimping. Removes 20mm drive rods after install. Load lock anchor with ease.

Applications:

- Designed for securing HPTRM and TRM
- Open face allows vegetation to grow through
- 100 mm (4") head size
- Accepts 3 mm (1/8") wire
- Zinc die-cast, one-piece housing

System Performance:

- Maximum Working Load(1) 450kg
- Ultimate Assembly Strength 500kg
- Ultimate Wire Rope Strength 815kg

Benefits of the Terra Lock Gripple Anchors:

Gripple anchor systems provide a labour saving method of geotechnical engineering for erosion control, soil retention & slope reinforcement.

- **Slows Flows** - The use of vegetation in the Terra-Lock® System can help control hydraulic flows, minimising scour and damage to other parts of the system
- **Resilient** - Reinforcing elements of the solution alongside the promotion of vegetation means the Terra-Lock® System is essentially 'self-healing', delivering longevity to the install
- **Sediment Control** - Intimate contact with substrates retains soil particles, minimising erosion and downstream sedimentation
- **Durable** - Manufactured using corrosion resistant materials to ensure longevity
- **Steepened Slopes** - Allows slopes and embankments to be sharply angled, reducing groundworks and maximising use of space
- **Lightweight** - Easy to handle on site and adds minimal excess loads to the structure; minimises settlement and subsidence, especially in poor soils
- **Increased factor of safety** - The installation depth of anchors is calculated based on engineering principles to guarantee the System locks into structurally sound soil
- **Failure Prevention** - The system actively holds the surface, locking it deep into the structures while catching and retaining surface failures

Additional Information

CODE	TL100-TLA2-1M-3MM-Z
U.O.M	Each
Brand	Gripple
Material	Aluminium
Finish	Zinc-Aluminium Alloy
Width	100 mm

