



PENETRATOR SCREW ANCHOR

Developed specifically for the United States Army, the Penetrator is a 460 mm long, **reusable** screw anchor made of high quality, lightweight 356-T6 aluminum.

The unique design of the Penetrator makes it the only earth anchor available that combines superior pullout resistance, ease of installation and dependability at an affordable price. Its 25 mm hex head accommodates easy installation with a 19 mm impact wrench or ratcheting T-Handle. The wide cast-in lip or optional tie-off ring makes guying or tying-off exceptionally convenient.



APPLICATIONS

AMERICAN EARTH ANCHORS ARE IDEAL FOR SECURING:

Sheds - Tarps - Trees - Mailboxes - Antennas

Fencing - Playground and Yard Equipment - Towers - Wind Turbines

Portable Shelters and Canopies - Carports - Sports Goals - Inflatable Play Structures -
AND MUCH MORE!

GREAT FOR THEFT DETERRENCE!

Vertical Post Bracket



75mm x 100mm Z Bracket



50 mm Pipe Bracket



Tie-Off Accessory



Starter Drill Bit For Hard Soil



American Earth Anchors is a producer of high quality innovative anchoring products and accessories for the military, commercial, government and residential markets.

3 Ton Winch



Our engineers are ready to help with your anchoring questions and projects.

Army Shelter



Exclusive Distributor for Australia and New Zealand



INSTALLATION OPTIONS

Drive into ground using 19 mm electric impact wrench



Drive into ground using ratcheting T-Handle available from American Earth Anchors



Ratcheting T-Handle
(Non Ratcheting Available)



TECHNICAL DATA

Ultimate Pullout Resistance At Minimum Depth In Kilograms

Anchor Size - Inches	Minimum Vertical Depth ¹ - Feet	Hard Pan Soil	Class 1 Soil ² Dense Sand & Gravel	Class 2 Soil ² Medium Sandy Gravel	Class 3 Soil ² Loose Medium To Fine Sand	Class 4 Soil ² Loose Fine Uncompacted Sand
Penetrator	460 mm	1,134	771	273	160	91

Notes

1) In determining vertical depth to the ground anchor, the thickness of topsoil, peat, soft clay and similar soft soils at ground surface should not be included.

2) The applicable class of soil is that present within a zone from the ground anchor to a point from one to three feet above the anchor depending upon the anchor size.

Ordering Instructions

PE18 - **TR** - **B12**
Anchor Classification Tie-Off Ring Volume Packaging:
 Optional Bucket of (12) anchors

Bucket of (12) Penetrator Anchors



Examples:

- ◆ **PE18** is one 460mm Penetrator screw anchor without tie-off ring
- ◆ **PE18-TR** is one 460 mm Penetrator screw anchor with tie-off ring
- ◆ **PE18-TR-B12** is a bucket of (12) 460 mm Penetrator screw anchors with tie-off rings

Wind Turbine - Australia



Purchasing Options

- ◆ Single Penetrator screw anchors
- ◆ Optional tie-off rings for advanced ease of guying and tying off
- ◆ Bucket quantities of (12) anchors available
- ◆ Ratcheting T-Handle for manual installation of Penetrator screw anchor available from the factory

For Information & Pricing Please Contact

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