

## Arrow AK600

# Arrow Shed AK600 Earth Anchor Kit Instruction Manual

Model: AK600

Brand: Arrow

## INTRODUCTION

The Arrow Shed AK600 Earth Anchor Kit is designed to securely anchor small and slope roof buildings, specifically steel buildings up to 10x13 ft. This kit provides essential stability, especially in areas prone to high winds or unstable ground conditions. Proper installation ensures the longevity and safety of your shed structure.

It is crucial that the floor frame of your shed is level and square before proceeding with anchoring. This kit includes all necessary components for a secure earth anchoring solution.

## COMPONENTS INCLUDED

- 4 x Corkscrew Type Anchors
- 4 x Corner Gussets
- 4 x Locking Washers

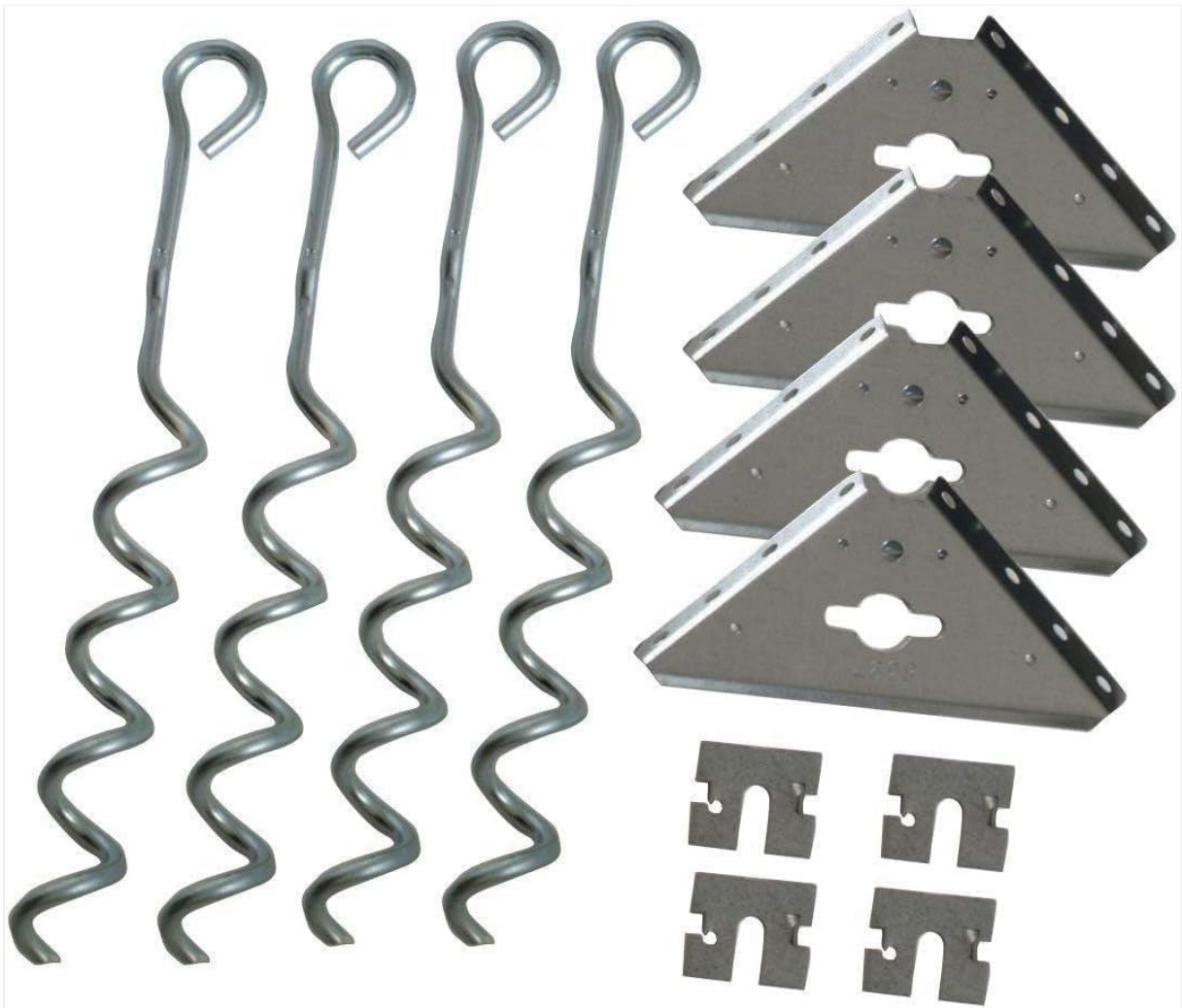
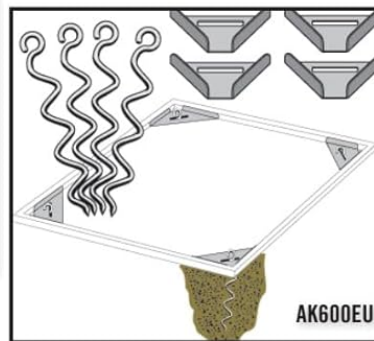


Image: All components of the AK600 Earth Anchor Kit, including four corkscrew anchors, four corner gussets, and four locking washers.

## TOOLS REQUIRED

- Carpenter's Level
- #2 Phillips Screwdriver
- Steel Bar or Iron Pipe (for leverage)

# ANCHOR KITS



## AK100EU Concrete Anchors

- Concrete Anchor Kit
- Easy to install
- Lag bolts building directly to a concrete slab

### Includes:

- (4) steel corner gussets
- perimeter clips
- lag bolts
- 6,35mm masonry drill bit

## AK600EU Earth Anchor Kit

- Earth Anchor Kit
- Easy to install
- Includes:
- (4) earth anchors
- (4) steel corner gussets

## AK4EU Ground Auger Anchor Kit

- Ground Auger Anchor Kit
- Easy to install
- May be used with any suggested base

### Includes:

- (4) 76,2cm heavy duty steel augers
- (4) cable clamps
- 18,3m of cable

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## Models:

### AK4EU: Ground Auger Anchor Kit

**Carton Dimensions:**  
84 L x 17 W x 11 D cm  
**Carton Weight:** 5,0 kg.  
**Cube:** 0.015 m<sup>3</sup>  
**Case Dimensions:**  
90 L x 36 W x 36 D cm  
**Case Quantity:** 6  
**Case Weight:** 34,0 kg.  
**Case Cube:** 0.107 m<sup>3</sup>

### AK100EU: Concrete Kit

**Carton Dimensions:**  
14 L x 13 W x 6 D cm  
**Carton Weight:** 1,0 kg.  
**Cube:** 0.003 m<sup>3</sup>  
**Case Dimensions:**  
30 L x 23 W x 17 D cm  
**Case Quantity:** 6  
**Case Weight:** 5,0 kg.  
**Case Cube:** 0.01 m<sup>3</sup>

### AK600EU: Earth Anchor Kit

**Carton Dimensions:**  
60 L x 11 W x 6 D cm  
**Carton Weight:** 2,0 kg.  
**Cube:** 0.003 m<sup>3</sup>  
**Case Dimensions:**  
61 L x 23 W x 41 D cm  
**Case Quantity:** 12  
**Case Weight:** 22,0 kg.  
**Case Cube:** 0.06 m<sup>3</sup>

Image: Diagram showing the necessary tools: a carpenter's level, a Phillips screwdriver, and a steel bar or iron pipe for leverage.

## SETUP AND INSTALLATION

Before beginning installation, ensure your shed's floor frame is perfectly level and square. This is critical for proper anchoring and structural integrity.

1. **Prepare the Corner Gussets:** Attach the four corner gussets to the shed's floor frame at each corner. These gussets provide the attachment points for the earth anchors.





Image: A hand using a power drill to secure a corner gusset to the metal frame of a shed.

2. **Position the Earth Anchors:** Place one corkscrew type earth anchor through the designated hole in each corner gusset.



Image: A close-up view of a corkscrew earth anchor inserted through the hole of a metal corner gusset, ready for installation.

3. **Twist Anchors into Ground:** Use a steel bar or iron pipe inserted through the eyelet of the corkscrew anchor for leverage. Twist the anchor clockwise into the ground until the eyelet is flush with the corner gusset. Ensure the anchor is fully embedded and secure.



Image: A person using a steel bar for leverage to twist a corkscrew earth anchor into the ground through the corner gusset.

4. **Secure with Locking Washers:** Once the anchor is fully twisted into the ground, slide a locking washer over the eyelet of the anchor, securing it tightly against the gusset. This prevents the anchor from backing out.



Image: A hand placing a small metal locking washer over the eyelet of an installed earth anchor, securing it to the corner gusset.

5. **Verify Stability:** After all four anchors are installed, gently test the shed's stability to ensure it is firmly secured to the ground.





Image: A close-up of a shed corner showing the securely installed earth anchor and corner gusset on a concrete base.

## OPERATING INSTRUCTIONS

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The Earth Anchor Kit operates passively by providing a secure foundation for your shed. Once installed, no further operational steps are required. Its primary function is to resist uplift and shifting caused by wind or other environmental factors, keeping your shed firmly in place.

## MAINTENANCE

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Regular inspection of the anchor points is recommended, especially after severe weather conditions. Check for any signs of loosening, corrosion, or damage to the anchors, gussets, or locking washers. Tighten any loose connections as needed. The steel components are designed for durability, but a visual check ensures continued security.

## TROUBLESHOOTING

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- **Anchor Difficult to Twist:** If the ground is too hard, try moistening the soil around the anchor point before installation. Ensure you are using a sufficiently strong steel bar or iron pipe for leverage.
- **Shed Still Shifts:** Verify that all four anchors are fully embedded and secured with their respective locking washers. Ensure the shed's floor frame was level and square prior to anchoring. For larger sheds or extremely high wind areas, additional anchoring solutions (e.g., concrete anchors) may be required, or consider using two AK600 kits for larger buildings (as per original manual suggestion for buildings larger than 10x10 ft).
- **Corrosion on Components:** While made of steel, prolonged exposure to moisture can lead to surface rust. Clean affected areas and apply a rust-inhibiting paint or coating if necessary to extend product life.

## SPECIFICATIONS

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<b>Product Type</b>	Anchor Kit
<b>Material</b>	Steel
<b>Model Number</b>	AK600
<b>Item Weight</b>	4.0 lbs
<b>Product Dimensions</b>	23.5 x 4.25 x 2.5 inches (packaging dimensions)
<b>Country of Origin</b>	USA
<b>Recommended Use</b>	Small and slope roof buildings, steel buildings up to 10x13 ft.

## WARRANTY AND SUPPORT

For specific warranty information, please refer to the official Arrow Sheds website or contact their customer service. Arrow Sheds is committed to providing high-quality products and support.

You can find additional resources and contact information by visiting the official [Arrow Store on Amazon](#) or by referring to the [User Manual \(PDF\)](#) available online.