

400 mm | 600 mm

48/600

60/600

63/600

48/400

60/400

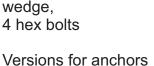
63/400

**ECO ANCHOR** 





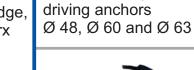
# Standard square flange, flexible metal wedge, 4 hex bolts



Ø 48 and Ø 60

Universal adapter for Circular flange. flexible metal wedge, 4 countersunk torx







Cover plate, 4 countersunk torx

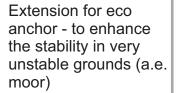
Versions for anchors

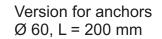
Ø 48, Ø 60 and Ø 63

Universal for anchors Ø 48, Ø 60 and Ø 63











Spirit level

## **MATERIAL:**

63 mm

All parts are protected against corrosion: Eco anchor, flange, flexible wedge and cover plates are hot dip zinc plated, nuts galvanised, bolts of A2 stainless steel.

REPLACE THE OUTDATED AND UNPRACTICAL METHODS OF SETTING UP POSTS WITH A SUSTAINABLE INSTALLATION WITH ECO ANCHOR!



# **ECO ANCHOR - MULTIPURPOSE APPLICATION**









Podgorska c. 2, 1310 Ribnica, Slovenia, EU Tel.: +386 (0)1 8369 711 | Fax: +386 (0)1 8362 222 | E-mail: info@andotehna.si **SINCE 1979** 





A SUSTAINABLE WAY TO **SET UP POSTS** 



www.andotehna.si

# SETTING UP A POST WITH THE ECO ANCHOR











www.andotehna.s

#### Penetrate the ground with the moil point or narrow chisel

- Drive the anchor into the ground
- While driving the anchor make sure it is in vertical position.
- Put the flange and the flexible wedge on the post
- 5 Insert the post and gradually tighten the screws



### **MOUNTING EQUIPMENT:**

- electric jackhammer + generator
- adapter for driving

When used on asphalt or concrete surfaces, a circular saw with 160mm diameter or pneumatic hammer is used to penetrate the surface. Before the anchor is fully driven in, it is recommended to fill the surrounding hole with a cement mortar. The anchor is fully driven in when the top of the anchor is levelled with the terrain surface.

# POST FOUNDATION METHOD COMPARISON

## Typical concrete foundation

Deployment of construction machinery Digging a hole

Preparing the concrete

Post installation

Building material removal

Construction machinery transport

Concrete drying

Mounting the sign on the post 1 - 2 hours

### Foundation with ECO ANCHOR

Driving the anchor into the ground Post insertion

Mounting the sign on the post

DONE!

10 - 15 min

#### **ECO ANCHOR ADVANTAGES:**

- no digging
- no concrete work
- no building material removal
- no heavy construction machinery needed
- fast and economical
- stable
- ECOLOGICAL: minimal environment impact, 100% recyclable
- PRACTICAL: simple installation
  - fast and easy post replacement or removal

  - minimum storage requirements
  - installation independent of weather conditions
  - various applications

**ECO ANCHOR: A SUSTAINABLE CHOICE!** 

# **EKO ANCHOR - A SUSTAINABLE WAY TO SET UP VERTICAL SIGNALISATION**

### **FAST AND ECONOMIC INSTALLATION**

- Fast mounting of post: 10-15 min
- No concrete works
- Minimum labour cost only 1 person needed for installation





### **SETTING UP A POST**

Flexible metal wedge, fastening flange and four bolts fix the post into the anchor and prevent rotation or removal of the post.



Reinforcement wings reinforce the anchor to prevent any deformations of the anchor during driving the anchor into the gound and enhance the stability of post.

Reinforced anchor tip for easier penetration into the ground.



#### **SUSTAINABLE**

Minimum environmental

- no digging
- no heavy construction machinery
- no building material removal
- 100% recycable



## **QUICK AND EASY POST** REPLACEMENT

In case the post gets damaged (e.g. hit by a car, vandalism) the post can be easily replaced with a new one. Everything needed is a new post and screwing tool. Replacement is done quickly, without cutting, digging or concreting.



# **FOR MOST COMMON POST DIMENSIONS**

Eco anchor is designed for three most frequently used dimensions of posts:

- Ø 48 mm (6/4")
- Ø 60 mm (2")
- Ø 63 mm (2")

Eco anhor lengths:

- 400 mm for compacted ground (gravel, concrete, asphalt)
- 600 mm for soft ground (soil, sand)

## **MULTIPURPOSE APPLICATION**

Eco anchor is suitable for application in most grounds:

On solidified ground (parking lots, roadways, pavement) a 400 mm long eco anchor is used. Suitable also for asphalt and concrete surfaces. Most infrastructure networks are more than 0.5 m deep and therefore reasonably safe from damage

On soft terrain (grass, soil, sand) a 600 mm long anchor is used for better stability. In exceptional cases (e.g. in moors) an additional extension of 200 mm can be



## SEASONAL ELEMENTS. URBAN AND PARK EQUIPMENT

Due to simple post removal or replacement the Eco anchor is an ideal solution for:

- setting up seasonal elements (urban and park equipment, playground elements, fencing, etc)
- temporary or seasonal elements (event management, seasonal equipment of public
- special transport, where due to abnormal load sizes the traffic signalisation needs to be temporarily removed

Cover plate aesthetically covers and protects the opening while the post is not mounted.



