



BANKA QENDRORE E REPUBLIKËS SË KOSOVËS
CENTRALNA BANKA REPUBLIKE KOSOVA
CENTRAL BANK OF THE REPUBLIC OF KOSOVO

€2 coin

Security features and protection against

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Introduction

The €2 (euro) coin is one of the most widespread coins in the Eurozone. Like all other coins and banknotes, the €2 coin has its own characteristics, which distinguish it from other coins and make it easier for users to distinguish it from counterfeits.

In this brochure, the security features of the €2 coin and some tips on how to distinguish counterfeit coins are disclosed.

SECURITY FEATURES

The common side of the coin

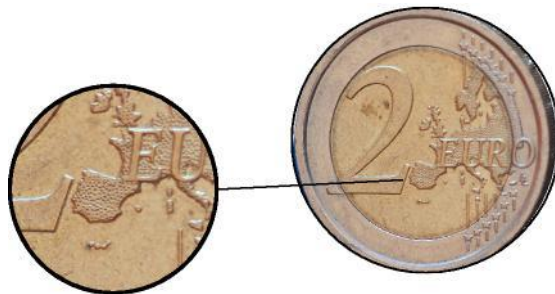
All €2 coins have a common side (front side) and a national side (back side).

The design of the common side for all countries in the Eurozone is the same and was set by a design competition held by the EU Commission in 1997. The winner of this competition was Luc Luycx from Belgium, whose initials are set in the 2€ coin.

<https://www.fleur-de-coin.com/eurocoins/luc-luycx>



On the common side of the €2 coin, the map of the European Union is shown in **negative relief**.
You can easily see that this map is made up of very tiny dots that are difficult to replicate.



Micro-dotted map

Different surfaces (positive dots instead of negative ones)

(Use a magnifying glass to notice the details).



Entry into circulation 1 January 2002



Entry into circulation 1 January 2007



Original



Counterfeit

Technical features of the €2 coin

Diameter - 25.75 mm

Thickness - 2.20 mm

Weight - 8.50 gr

Shape - round

Color:

The outer part - silver

The inner part - gold



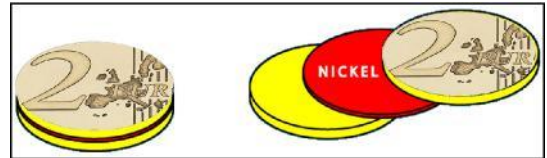
Bi-metallic construction

The €2 coin belongs to the type of coins produced with bi-metallic technology (joining two metals).

The coin consists of two different parts, the outer ring and the core.

The outer ring is composed of nickel and copper, while the inner part (core) is composed of three layers (nickel brass, nickel, nickel brass).

The €2 coin has slight features on the inside.



HOW TO IDENTIFY A COUNTERFEIT COIN

Some elements and steps you can follow to understand whether a €2 coin is genuine or counterfeit are: color and texture, coin edge (writing, diameter, thickness), magnetism, comparison with other coins and Bank verification.

To make sure you are accepting genuine and not counterfeit coins, it is important to perform a simple verification.

There are three ways to check if a €2 coin is counterfeit and that through:

touching, looking and checking.



Touch



Look



Check

Colour and texture

Pay attention to the colour and texture of the coin.
Genuine coins have a distinctive color and texture.

The genuine €2 coin has a distinct color, combined with a sophisticated colouring technique, while a counterfeit coin can display pure colour, without the nuances and details of a genuine coin.

counterfeit

original



Two coins that differ in color and
brightness

In counterfeit coins, the color of gold and silver is more pronounced, and the texture of the material differs from the genuine one. Also the counterfeit coin may have more shine than the genuine one. The genuine €2 coin has a pronounced relief and texture, enabling details to be discerned through touch.

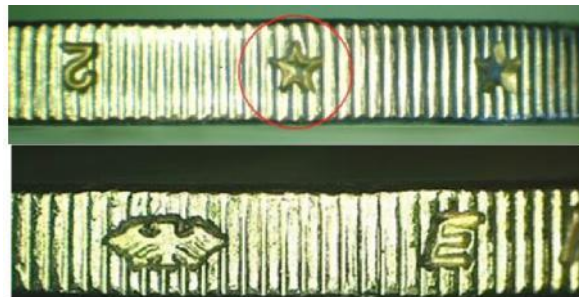


change in texture

Writing and symbols on the edge of the €2 coin

The genuine €2 coins have a precise manufacturing of the edge, numerical and alphabetic characters. The symbols/characters placed on the edge are clear and sensitive to the touch. If you check the writing on the edge of the €2 coin, you will notice on the edge fine lines and letters or symbols, which vary depending on the country manufacturing the coin.

If you match two or more €2 coins from the same country you will notice that the letters and symbols on the edge are also perfectly matched.



The details placed on the edge



Two coins of the same country

Letters on the edge on €2 coins of some European countries

Austria:	2EURO***ORNEZ***2EURO***ORNEZ***
Belgium:	2***2***2***2***2***2***2***
Germany:	EINIGKEIT UND RECHT UND FREIHEIT *
Finland:	SUOMI FINLAND 
France:	2***2***2***2***2***2***2***
Monaco:	2***2***2***2***2***2***2***
Italy:	2★2★2★2★2★2★2★2★
San Marino:	2★2★2★2★2★2★2★2★
Vatican:	2★2★2★2★2★2★2★2★
Cyprus:	2 EYPΩ 2 EURO 2 EYPΩ 2 EURO
Slovakia:	SLOVENSKÁ REPUBLIKA * * *
Ireland:	2***2***2***2***2***2***2***
Luxembourg:	2***2***2***2***2***2***2***
Holland:	GOD * ZIJ * MET * ONS *
Portugal:	XX XX XX XX DD DDDD
Spain:	2***2***2***2***2***2***2***
Greece:	ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ *
Slovenia:	S L O V E N I J A •
Malta:	2**2**2**2**2**2**2**2**2**2**



Diameter and height of the edge of the €2 coin

The genuine €2 coins are identical in terms of edge diameter and height regardless of which European country they were manufactured from. Compare coins with one another! If the coin is counterfeit then there is a deviation in the diameter and height of the edge. They also differ in the colour and luster of the metal.



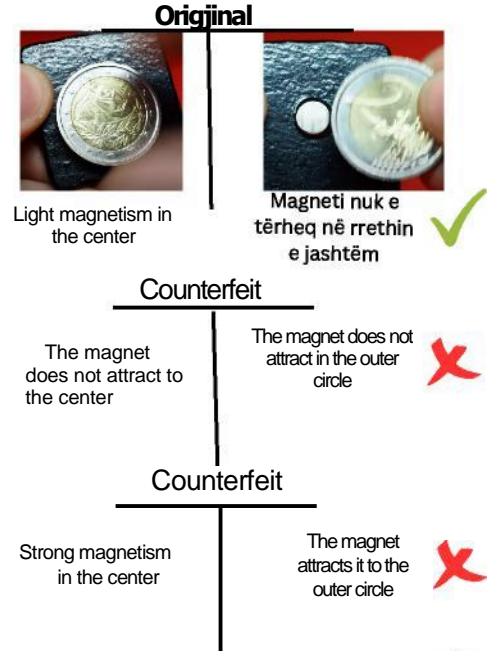
2 counterfeit coins - deviation in dimensions

Magnet testing

The inner circle of the €2 coin has slight magnetic features, while the outer circle has no magnetic features.

To prove if the coin is genuine try it with a magnet..

- **If the coin is attracted to the magnet only in the central part of the coin, the coin is genuine.**
- In general, the counterfeit €2 coin has strong magnetic features, no magnetic features at all or only magnetic features in the outer circle.



Touch and sound testing

Touch testing - if we touch a €2 coin on the front, we can feel the numerical value, the map of Europe, the name '**EURO**' and the 12 stars.

Sound testing - If two coins, one genuine and the other counterfeit, are dropped on a hard surface, you will notice that they differ by the sound they make.

Bank verification - If you suspect a coin is counterfeit, send it to a bank for verification. Financial institutions have specialized tools to identify counterfeit coins.



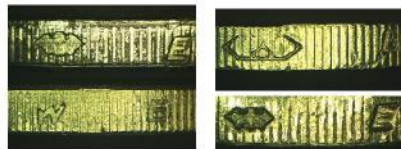
Examples

Printing defects on the edges of the €2 coin

Original



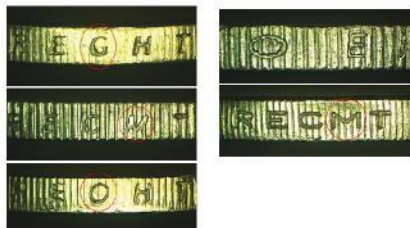
Fake



Original



Fake

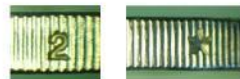


Positive defects on the surface



2€- print and edges

Original



Fake



ONS

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Prepared by:

Department of Public Relations and Financial Education in cooperation with the Department of Money and Banking Relations

Central Bank of the Republic of Kosovo

Address: Str. Garibaldi No.33, Prishtina, Kosovo

E-mail: info@bqk-kos.org

Phone: +383 38 222 055 Fax: +383 38 243 763

www.bqk-kos.org

www.edukimifinanciar.com

www.bqk-kos.org
www.edukimifinanciar.com

