

A.E.KÖCHERT

SEIT 1814

Results of the examination of the 'Florentine Diamond', October 21st 2025

The 'Florentine Diamond' is loose, which means that it was removed from its setting at some point in the past. The hat pin in which it was set has been preserved in four fragments: first, its setting, into which the stone fits exactly, and then three separate parts with old-cut diamonds. When assembled, these four parts correspond exactly to the historical photograph of the hat pin with the 'Florentine Diamond'.

The colour of the 'Florentine' is a warm light brown, somewhat reminiscent of a good Scotch whisky. The stone is exceptionally pure. Only two areas contain so-called 'naturals' – three next to each other in one area and one in another. Naturals are remnants of the original surface of the rough diamond that were not cut for economic reasons in order to minimise weight loss as a result of cutting. Such 'naturals' are usually found in the girdle area of the stone, as is the case here. These small flaws have the advantage of being a typical feature of a diamond's authenticity. In the area of one of these 'naturals' there is a small orange-coloured, shimmering, flag-shaped inclusion – the only one I could detect in the 'Florentine' with the aid of a 10x magnifying glass.

The weight of the „Florentine-Diamond“ was determined to be 137.17 carats using a mobile carat scale (with a possible deviation of up to 0.02 ct) – this corresponds approximately to historical sources, which provide slightly varying information: 133 ct (Kathrin Unterreiner, 'Habsburgs Verschollene Schätze' [The Lost Treasures of the Habsburgs]) and 137.2 ct (Wikipedia).

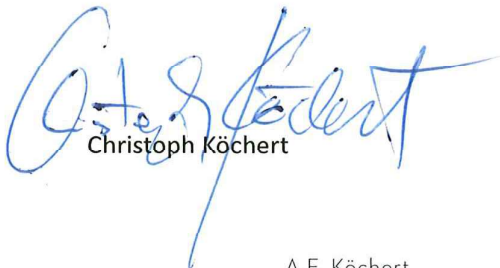
The fact that the 'Florentine' is a diamond was confirmed with the aid of an electronic diamond tester. This measures the authenticity of a diamond based on its thermal conductivity.

Its cut pattern corresponds almost exactly to representations in historical sources.

All of this gives me certainty that this is the genuine, historical 'Florentine Diamond'.

Here is a summary of the factors that led me to this conclusion:

1. The stone fits into its setting.
2. Its weight of 137.17 ct corresponds to historical sources.
3. Its authenticity as a diamond was confirmed by an appropriate electronic device.
4. The four 'naturals' located in the area of its girdle are typical for a diamond.
5. Its cut corresponds to historical sources.



Christoph Köchert

A.E. Köchert
Neuer Markt 15 · 1010 Wien
(43-1) 512 58 28



A.E. Köchert
Alter Markt 15 · 5020 Salzburg
(43-662) 84 33 98