



KULSEN & HENNIG

DOMINIK KULSEN

Nature's Brilliant Colours

Newsletter No. 17

12/2013

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Our News

Full Speed ahead for the New Year!

Dear Customers, Readers, and Friends,

2013 is drawing to its close and you have once again rewarded us with your loyalty for the care with which we choose our Natural Fancy Coloured Diamonds. We thank you and look forward to our continuing cooperation.

This year has been very successful for the mobile library for children. Thanks to the pragmatism, foresight and great personal commitment of all those involved, the project is moving forward in India and we will continue to lend our support through this year's donation.

The trend indeed started recent years, but the rapidly growing interest in Natural Fancy Coloured Diamonds today could almost be called "Fancymania". 2013 was also the year of spectacular Natural Fancy Coloured Diamonds that captivated the public and attained fantastic prices at auction.

But without going to such extremes, perfectly cut, small "fancies" fascinate us just as much when set in imaginative creations.

We are already preparing for **INHORGENTA MUNICH** where we will be present from **14 – 17 February 2014** with our complete collection. We will also be featuring our new colour card!



With this December newsletter, we would like to extend our very best holiday wishes. We also wish you a successful end to your annual accounts and a great start for 2014.

Here's to yet another year of successful collaboration!

Juliane Hennig
Your KULSEN & HENNIG Team

Dominik Kulsen
Your DOMINIK KULSEN Team

The Mobile Library – From a Motorcycle to a Tata ACE

In Newsletter No. 9, we reported on the unusual project undertaken by the [Regenboog India Foundation](#). The idea was to convert an autorickshaw into a mobile library for children and young adults, replacing the previously used motorcycle.

During the planning stage, however, it quickly became clear that even an autorickshaw would not adequately protect the books during monsoon season. Therefore, it was decided to acquire a used pickup truck, a Tata ACE, and convert it into a "book-bus".

Once again this year, we have decided to support this undertaking with our donation. We know that all the donations will be used to fund the projects because the association's staff is made up of volunteers!



[Read more...](#)

From Our Collection: Single and Paired Stones in a Hearts & Arrows Cut

This time from our collection, we would like to present several champagne coloured single stones, as well as pairs. All the stones have been cut in the style known as Hearts & Arrows.

In this number, read our article "The Brilliant Cut" (part 4) to learn more about the Hearts & Arrows cut.

Due to their identical appearance, Hearts & Arrows cut diamonds are perfect to use together as pairs in matching pieces. The opposite picture shows a pair of champagne coloured diamonds in a C3 shade, weighing a total of 2.11 ct.



If you are interested in these stones or other pairs or single stones in the Hearts & Arrows cut, do not hesitate to contact us at:

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All about Natural Coloured Diamonds

From the *Steinmetz Pink* to the *Pink Star* to the *Pink Dream*

The eagerly awaited highlight of the Sotheby's jewellery auction held in Geneva on 13 November 2013 was the 59.60 ct oval *Pink Star* diamond.

The *Pink Star* belongs to the Type IIa diamond group, the chemically purest type of diamonds that usually present outstanding optical transparency. The *Pink Star* has received a flawless, Fancy Vivid Pink grading by the Gemological Institute of America (GIA) and is the largest pink diamond ever graded by the GIA. For David Bennett, president of Sotheby's European jewellery department, the *Pink Star* is one of the earth's greatest natural treasures.

This diamond was found in 1999 by De Beers in South Africa and the rough stone weighed 132.50 ct. The exact location where the stone was found is not known. Steinmetz Diamonds cut and polished the stone for 2 years and called it the *Steinmetz Pink*. After it was sold in 2007, the new owner renamed it the *Pink Star*.

The diamond was presented to the public for the first time in Monaco in 2003 before being shown at the Smithsonian Institute in Washington D.C. as part of the "Splendor of Diamonds" exhibit. From 2005 to 2006, it was the star attraction of the Diamonds exhibition at the Natural History Museum in London.

Before the auction, the value of the *Pink Star* diamond had been estimated at the incredible amount of USD 60 million. After just 5 minutes, the auction was already finished. New York diamond cutter Isaac Wolf won the auction with his incredible bid of USD 83 187 381 (USD 1 395 761 per carat) – the highest price ever attained at auction for a gemstone, a colourless diamond or a Natural Fancy Coloured Diamond. The *Pink Star* has since been renamed the *Pink Dream* by Isaac Wolf.



The Orange - The Biggest Fancy Vivid Orange Diamond in the World

On 12 November 2013, Christie's auctioned off a spectacular orange diamond during its Magnificent Jewels sale in Geneva. *The Orange*, a flawless, Type IIa, pear shaped diamond which weighs approximately 14.82 ct, is the largest pure orange diamond in the world. It is also the largest of its kind ever offered at auction. The Gemological Institute of America (GIA) emphasizes that cut diamonds with a Fancy Vivid Orange colour grading rarely weigh more than 3.0 – 4.0 ct. *The Orange* weighs four times more!

Pure orange diamonds are also known as "fire diamonds". This name was introduced by the gemmologist Edwin Streeter in his book *The Great Diamonds of the World*



(1882). To date, the last pure orange diamond sold at auction was the 5.54 ct *Pumpkin* diamond which was auctioned off by Sotheby's for USD 1 300 000 in 1997.

Before the auction started, the diamond's value was estimated at USD 17 – 20 million. A private collector, who was physically present for the sale but initially wished to remain anonymous, bought *The Orange* for USD 35 540 611, which amounts to USD 2 398 151 per carat. Thus, two new auction records were set: the highest price per carat ever paid for a diamond and the highest price ever attained for an orange diamond.

Argyle Pink Diamonds Tender 2013 - "Red Edition"

In Newsletter No. 16, we reported on the stars of this year's *Argyle Pink Diamonds Tender*. Bids could be submitted up to 2 October and the outcome was eagerly awaited by all. And the results greatly exceeded all expectations!

All of the 64 pink, red and blue diamonds, ranging in weight from 0.20 ct to 3.02 ct, were sold and many of them for more than the price estimated before the auction. Compared to previous years, a certainly record number of bids exceeded USD 1 000 000.

The highest bids for the two stars of the auction even broke the 2 million dollar mark. The 1.56 ct Fancy Red *Argyle Phoenix* diamond reached the highest price per carat ever attained at an *Argyle Pink Diamonds Tender*. The winning bid for the 2.51 ct, Fancy Deep Pink *Dauphine* diamond broke two records, being both the highest price ever attained for an Argyle diamond and the highest price ever paid worldwide for a Fancy Deep Pink diamond. Rio Tinto, the Argyle Mine operator, has, however, not released any specific figures.

For Jean-Marc Lieberherr, managing director of the diamond division, these excellent results reflect the increasing demand for Natural Fancy Coloured Diamonds among top jewellers, designers and collectors.



© Rio Tinto Argyle Phoenix



© Rio Tinto Argyle Dauphine

Chopard's Wonderful World of Animals

Chopard, the famous, traditional Geneva based jeweller, showed daring and creativity with its 2010 animal collection. Unique pieces of jewellery, all dedicated to the animal theme, were especially created to celebrate Chopard's 150 th anniversary.

Large and small animals of all kinds were present in the shape of bracelets, necklaces, brooches, earrings and rings. This original, humorous and masterful collection is, to date, the most versatile collection of jewellery Chopard has ever designed for a specific theme.



© Chopard

Let yourself be enchanted ...

Our Gift Recommendation

Masters of Dreams

Do you ever ask yourself how the stunning creations of gold, diamonds and gemstones that adorn stars and celebrities come to be? Would you like to know who those creators are, where they find their inspiration and how this jewellery is made? Then you will love the film *Masters of Dreams*.

In this four part documentary, thirteen of the most famous jewellery houses, including Boucheron, Buccellati, Bulgari, Chaumet, Chopard and Damien, allow viewers a glimpse inside the fascinating world of fine jewellery. With *Masters of Dreams*, the filmmakers Guillaume De Ginestel, Eric Ellena, Jane Lipman and Sean O'Sullivan have produced an impressive piece. The DVD is available in English and French.

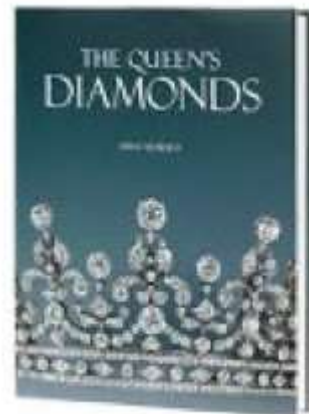


The Queen's Diamonds

The author of this entertaining, illustrated book, Sir Hugh Ashley Roberts, British art historian and exhibition curator, was Director of the Royal Collection from 1996 to 2010. *The Queen's Diamonds* is the first book on the history of the royal diamonds authorized by the Queen.

Fantastic photographs, in part on over-sized double-paged spreads, show the diamond jewellery of British queens from 1830 until today. The reader is informed in detail about the origin and the history of each piece of jewellery and learns, along the way, many interesting things about the British royal family.

This book is available in German (ISBN-10: 3836927489) and in English (ISBN-10: 1905686382).



Gemmology Corner

The Brilliant Cut – Part 4: Hearts & Arrows

In part 3 of our series, we presented the various "ideal" brilliant cuts as being the result of theoretical calculations based on the diamond's optical and physical properties.

Based on these calculations, a distinctive feature became apparent: the Hearts & Arrows cuts.



[Read more...](#)

You will receive our next newsletter at the **INHORGENTA MUNICH 2014**.

Earlier editions of our newsletter may be found in our [newsletter-archive](#).



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The Mobile Library – From a Motorcycle to a Tata ACE

The "Tata ACE"

Until now, the books were packed in a blue plastic crate and then transported by motorcycle to the night schools. The conversion of the recently acquired Tata ACE truck should make deliveries more versatile and more efficient.

The founder and director of the Regenboog India Foundation, Madhan Mohan, was able to find a suitable workshop (Arrow Coach) to handle the remodelling work and describes the enthusiasm with which the mechanics have undertaken the project.



Loans are carefully recorded. Children talk about the books they have read to spark interest in the others.

Because the manager of the workshop is so excited about the idea of a mobile library and about the foundation's other projects, he has promised to repair all the vehicles used in the Medical Project free of charge in the future. Through the foundation's Medical Project, the rural population of the Jawadhu Hills receives basic medical care.

This vehicle construction company, which employs 220 specialized workers, customizes large and small buses for schools, government organizations and private companies. Only the chassis and the engine are provided by outside suppliers; everything else, like the casings and the seats, is hand made. Each bus is unique because each customer has individual needs and requirements.





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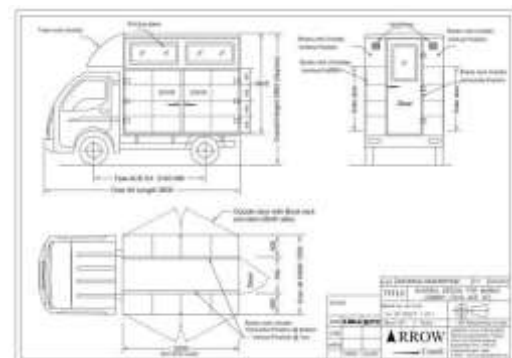
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The Conversion

For the mechanics, this is the first time they have been asked to convert a pick-up truck into a library and they have taken up the challenge with joy. Peter Diener from ARS ([Arunachala Rising Sun](#)) was there and reported on the progress of the project.



The Tata ACE



The Conversion Plan

The frame for the library is built of galvanized steel sheets to protect it from rust, making the construction durable. In addition, the library is flexible and could also be mounted onto another chassis. Overall, the length of the shelves will be 44 meters. The interior of the library will be accessible and will also protect the librarian during lending.





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We are very pleased that our donation this year will contribute to the acquisition and customization of the pickup truck. We know that all the donations will be used to fund the projects because the association's staff is made up of volunteers!

In addition, we would not want to leave another one of the Regenboog India Foundation's projects unmentioned.



The Sarasvathi Children's Village

What started in 2007 with a house for seven children has become a small village. One of the biggest challenges of the undertaking was to find water.

The well construction

No fewer than three months went by before water was available in necessary quantities thanks to a new well - dug by hand! - that is eight meters deep and wide. Because there are no pipes, water must be pumped to the surface.





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Currently, 33 children, divided among 3 houses, have found refuge in the Sarasvathi Children's Village. They are orphans, half orphans or children whose parents cannot care for them. For their care, the children have access to sanitary facilities, a sick room, a library equipped with computers, a kitchen, a dining and meeting room, as well as areas for yoga, dance and music.

All the children were included in the planning process and thus have a special relationship with their new home.



The children's village is created



The children's village is surrounded by a protective wall, closed at night.

The Sarasvathi Children's Village was officially opened on 18 October 2012.





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All about Natural Coloured Diamonds

Chopard's Wonderful World of Animals

The designers of Chopard's *haute joaillerie* department immersed themselves in animal encyclopedias and consulted the Chinese calendar to create their aesthetically pleasing bestiary. Here, we would like to show you some of the beautiful, expertly crafted pieces that resulted.

Turtle Ring. The central focal point of the "turtle ring" is an 11.43 ct, pear-cut, champagne diamond. The turtle's shell is covered with 370 tiny diamonds that sparkle like champagne, cognac and brown fireworks, perfectly imitating the tortoiseshell.



Frog Ring. A small masterpiece: emeralds and colourless and black diamonds combine to create a frog, ready to jump off his white gold ring. The gold crown is covered with small yellow diamonds and carries a large, brilliant cut, yellow diamond in its centre.

Stork Earrings. With these stork earrings, Chopard celebrates the mystery of birth. Set with black and white diamonds, the storks each carry a bundle made of a pale pink, briolette cut kunzite.





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Monkey Necklace. The two little rubellite monkeys swing from rose gold vines, trying to steal fruit from a cluster of mangos made of orange coloured sapphires. The delicate, realistic looking fur of the animals is composed of closely set champagne and cognac diamonds.



Bee Broach. This life-like bee was designed with great attention to detail. Its body is a fine mosaic of black and yellow diamonds of various sizes and a pattern made of white gold imitates the transparency of the filigree wings.

Antelope Earrings. The antelope, symbol of determined action, is expressed here as a pair of yellow gold earrings, set with yellow and champagne coloured diamonds. The expressive eyes are formed by two emeralds.



Cat Ring. This white gold cat, covered with colourless, yellow, brown and black diamonds, is just waiting to pounce on its prey.

Yellow Duck Ring. On a body composed of Paraiba tourmalines, amethysts and lazulite, this playful "swim-ring" floats weightlessly above a pool of blue topaz. Set with sparkling yellow diamonds and orange sapphires, this ring reminds us of the carefree joys of swimming when we were children.





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Gemmology Corner

The Brilliant Cut – Part 4: Hearts & Arrows

1984 – Hearts & Arrows

"Hearts & Arrows is a visual effect of a reflection caused by the specific cut and the specific light refraction in a brilliant cut diamond whose cut has been correctly executed." (H.L. Bürger, K. Fischer: Facettenschliffe, chap. 17. GZ 1/2001, p. 108). The differences in angles and proportions are critical to the change of the reflection.

The proportions for the Hearts & Arrows cut lie between Tolkowsky and Eppler's "ideal proportions".

Table Diameter 53.00 – 56.00 %

Crown Height 14.40 – 16.20 % Pavillion Depth 43.10 – 43.20 %

Crown Angle 33.10° – 34.50° Pavillion Angle 40.50° – 40.75°

The idea for this ideal cut came from the Japanese businessman, Takanari Tamura. In 1984, he commercialized a simple viewing device that allowed the viewer to observe a Hearts & Arrows pattern only in cut diamonds that had optimal proportions and perfect symmetry.

The generally small size of the observed diamonds requires a viewing device equipped with a loupe which is lined with a blue or red film. The diamond is centred under the loupe and the light coming in from the sides must pass through the coloured film. Weakly reflective surfaces then appear almost solid blue, whereas highly reflective surfaces are very bright, almost white.



Hearts



Arrows

When the viewer looks through the diamond from its underside, eight heart shaped symmetrical figures, caused by reflected light, appear. When the viewer looks through the diamond from its underside, eight heart shaped symmetrical figures, caused by reflected light, appear.



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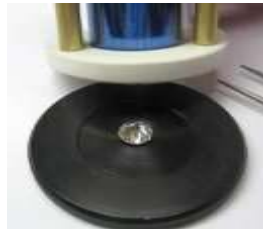
These viewing devices are marketed under various names, including Cupid Cut Loupe™, Firescope™, Excellentscope™, and the handy H&V-Viewer.



The handy H & A Viewer



Cupid Cut Loupe™



Hearts & Arrows in the Diamond Trade

In the early days, the Hearts & Arrows effect was also known as the "Cupid Effect", in honour of the Roman god of love. With increased marketing, names like "The Cupid Diamond" or "The Diamond of Love" were also registered.

At first, the aim was to prove that the angles, proportions and symmetry all adhered exactly to those of the applied brilliant cut, meaning unchanged or only slightly differing Hearts & Arrows reflected images. Since then, however, such considerations have faded into the background and Hearts & Arrows are now recognized for their own worth in the diamond trade.

A customer who opts for a Hearts & Arrows diamond can be sure he or she is acquiring a stone with perfect proportions and exact symmetry. This type of cut, however, is very time consuming and the loss of rough stone during the cutting process is greater than for less precisely executed brilliant cuts. This, of course, impacts the price and the customer will pay a little more for Hearts and Arrows cut diamonds.

Hearts & Arrows cut Natural Fancy Coloured Diamonds, especially champagne coloured diamonds, have found their place in the market.



H & A Scope deluxe, suitable for diamonds of 1.0 ct or more