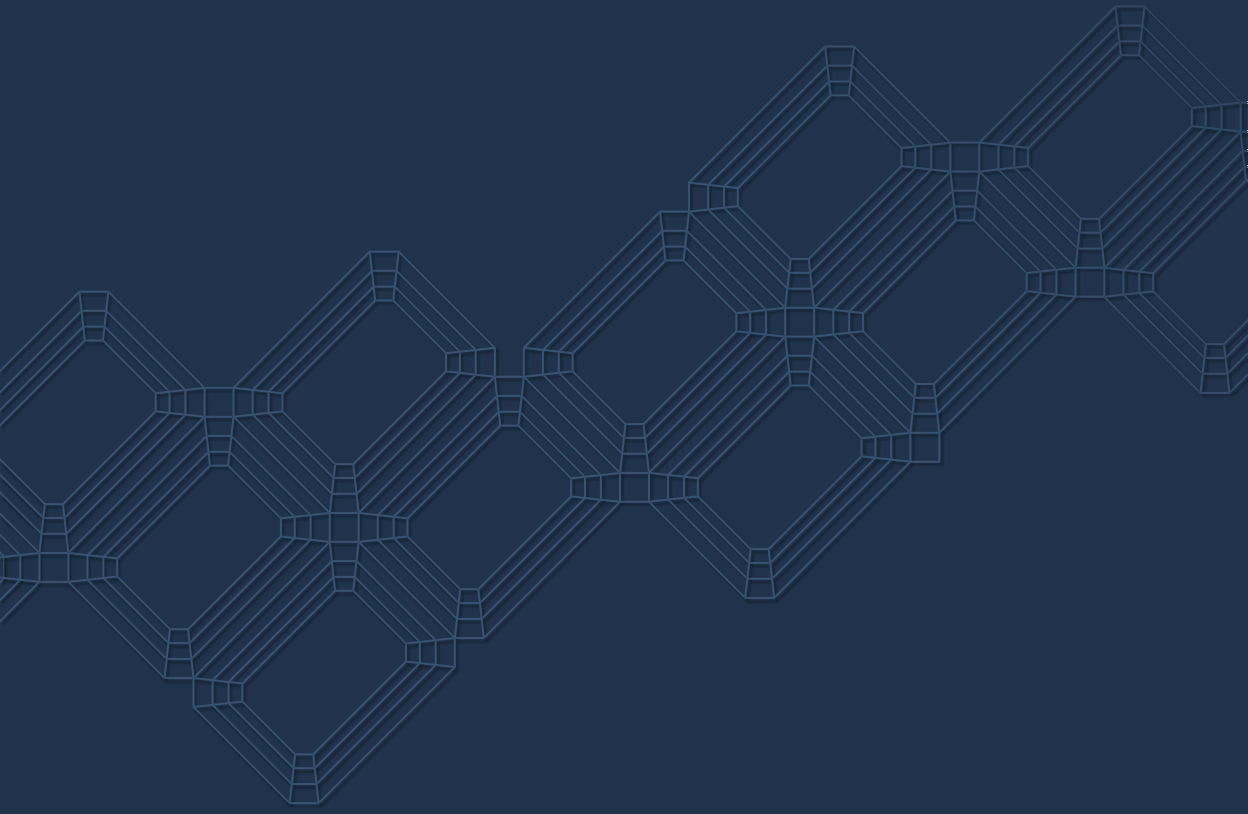


HC  **ARNOLDI**
GEM LAPIDARIES





» Shaped over *millions* of years, hidden in the remotest and most inaccessible corners of the world.

Each gemstone is a unique gift from nature and tells its own particular story from a point in time when there were still no humans. «

» *What nature didn't refine, we refine for you.*«

FACTS & FIGURES



16 *countries*
that we travel to, to find the highest quality gemstones.

Quality by tradition since

1919



15 *trained cutters*
create in the gem lapidary real unique pieces in the most filigree handcraft.

10

trade fairs on 3 continents
are visited by us each year.

32

types of stones
are professionally processed in our lapidary.



3,7hrs *of manual work*
go into the processing of each finished gemstone.



24/7 *visit gemhype.com*
to buy coloured gemstones in our online shop 365 days a year.

» *An experienced family business between tradition and innovation* «



Isaline Arnoldi, Hubert Arnoldi and Carl-Philip Arnoldi

A warm welcome FROM **HC ARNOLDI**



GEMSTONE EXPERTS
for 4 generations

HC Arnoldi is a traditional gem lapidary and gem trading company located in Kirschweiler near Idar-Oberstein in Germany and has been providing the jewellery industry worldwide with a variety of coloured gemstones for over 100 years.

Thanks to our cross-generational experience in the gemstone market, we maintain very good, sometimes decade-long relationships with our suppliers and partners, and accompany the rough stones directly from the mine to the end sale.

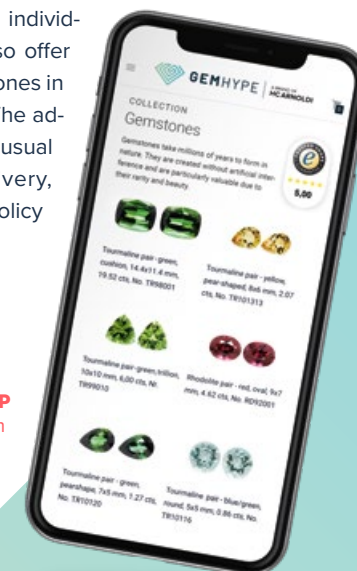
This sets us apart from our competitors and helps guarantee the consistent high quality of our stones. Our team of more than 30 highly qualified and well-trained employees will be

pleased to advise you on our range of products, processing methods, trends and new products from the world of gemstones.

Our customers include small goldsmiths and distributors as well as large jewellery manufacturers and studios – both in the direct vicinity of Idar-Oberstein, as well as across Europe, Asia and the United States.

In addition to our individual advice, we also offer you a variety of stones in our online shop. The advantages are our usual quality, fast delivery, 30 day return policy and much more.

24/7 ONLINE SHOP
[gemhype.com](https://www.gemhype.com)



Our company history

SINCE
1919

100 years of experience
in the production and
worldwide trade of
gemstones

4 generations
of the Arnoldi family have
shaped the company
history until today

1919

1929 1933

1944 1948

1954

1961

1974

1981 1984 1988

2015

2017

2019 2020

1920

1930

1940

1950

1960

1970

1980

1990

2015

2020



**CARL FRIEDRICH
ARNOLDI**

Founder

1919 Establishment of the gem lapidary
1920 Acquisition of the estate in Idar-Oberstein, where the company was located for almost 100 years.

Expansion of the company to 10 employees

Specialisation in aquamarines and tourmalines.

Erwin Arnoldi, Carl's son, begins his apprenticeship.

Destruction of the property

On 25 November 1944, during World War II, three bombs fell on Idar. One of them left the Arnoldi estate in complete ruins. By the end of the war, the company had to be completely rebuilt.



ERWIN ARNOLDI
2nd generation

Erwin Arnoldi takes over the company and begins the difficult reconstruction work along with his father in 1945. Only after completion in 1948 can production be resumed with one, and then later two employees.

38 EMPLOYEES
Growth

Production volumes rise steadily. In 1961 another factory is built. New exhibition rooms, factory rooms and offices are added on three floors.



HUBERT ARNOLDI
3rd generation

Hubert Arnoldi, Carl's grandson, joins the company and begins his apprenticeship as a gemstone cutter.

Master's degree

Hubert Arnoldi receives his master's degree as a gemstone grinder.

MANAGEMENT
by Hubert & René Arnoldi and their mother, Geneviève Arnoldi.



CARL-PHILIP ARNOLDI
4th generation

Carl-Philip Arnoldi, Carl's great-grandson, completes his apprenticeship as a gemstone cutter and begins studying SME management.

One company becomes two

The brothers Hubert and René Arnoldi part ways.

HC ARNOLDI IS CREATED

Hubert Arnoldi and his son Carl-Philip Arnoldi establish the new company, HC Arnoldi.



ISALINE ARNOLDI
4th generation

Great-granddaughter Isaline Arnoldi joins the company after graduating with a master's degree in media and communication management.

NEW COMPANY BUILDING

Relocation of the company to Kirschweiler.

GEMHYPE

Launch of the online shop.



MEET US

in Kirschweiler

Our new building, with its bright and spacious rooms is a place for creative work and the development of innovative ideas and concepts.

It provides plenty of space for open and modern workplaces in all areas of the company and allows for an environmentally-friendly production.

We deliberately stick to our regional location. This is the only way we can accompany the gemstones from their origins all the way to the end sale.

We welcome you in a contemporary and modern showroom. Here you will find a large product variety of high-quality gemstones in all imaginable shapes, colours and sizes.

» *Successful in an environmentally friendly workplace: Using renewable energy, we strive for a greener horizon to reduce our CO2 emissions.* «

A new generation WITH A NEW **COMPANY HEAD OFFICE**





About our
SOCIAL COMMITMENT



Partnerschaft für Afrika e.V.
Initiators Friederike Heidenhof
and Dr. Günter Heidenhof
partnerschaft-fuer-afrika.de



Projekt of 2022:
video.hc-arnoldi.com



» *We want to give back to the countries from which many of our rough stones come.* «

„We already support the organization through gemhype.com in the startup partnership project, and now with HC Arnoldi,“ said Carl-Philip Arnoldi.

The association, based in Tanzania, has made it its mission to help children and young people achieve an independent life through education



and support, so that they can become part of a stable society. Hubert Arnoldi is convinced: „It is always the people who keep a society running and hold it together. That's why we are happy to be supporting the project and want to express our appreciation for the tireless efforts of all those involved.“

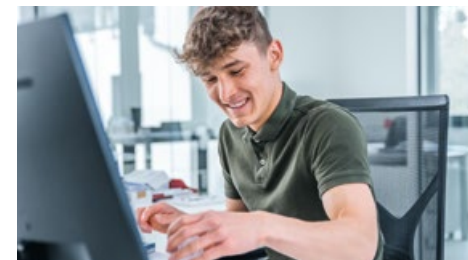
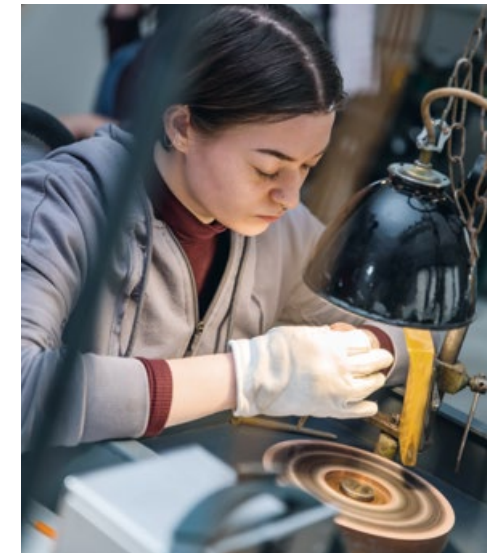


A fair workplace
MADE IN GERMANY



We prioritize fair working conditions and modern facilities to create the best environment for our team. The quality of our highly skilled professionals is reflected in the gemstones we produce.

We value our regional production site and offer young individuals the opportunity to learn this profession. We are proud of our commitment to produce high-quality craftsmanship and contributing to the local economy. Through our efforts, we not only create a high quality product but also foster a positive work environment based on collaboration and growth.



Flawless quality work

STABLE VALUES

for generations



HIGH-QUALITY COLOURED GEMSTONES

Gemstones inspire us with their mystical beauty, their extraordinary rarity, their unsurpassable durability and their quality.

Rough stones often appear insignificant in their raw state. Only the great skills of professional processing give them their unparalleled bril-

liance and radiance. To achieve this, we cut and polish every stone in an elaborate manual process, creating an incomparable, unique piece.

Discover a large selection of very popular, but also exotic stones, processed in an incomparable variety of forms.





BERYL

*Vanadium Beryl · Yellow Beryl ·
Green Beryl · Red Beryl · Morganite*

The beryl, found mainly in Africa and Brazil, occurs in almost all pastel tones.

Among the best known varieties of the beryl are the green emerald, the yellow gold beryl, the pink morganite and also our signature stone, the blue aquamarine.



AFRICA



BRAZIL

AQUAMARINE

Santa Maria

We grew up with the aquamarine, our signature gemstone.

The blue variety of the beryl group is distinguished by its high degree of hardness (7.5 to 8) and covers all blues, from glacier blue to deep sea blue. The most precious colouring is the famous, deep blue Santa Maria, which gets its name through the mine of the same name in Ceará, Brazil.



AFRICA



BRAZIL





TANZANITE

Tanzania

A handful of gem lapidaries from Idar-Oberstein, including Arnoldi, marketed tanzanite in the late 1960s to the New York jeweller Tiffany, which made the stone famous.

The unique, deep-blue tanzanite is only found in Tanzania and is characterised by its trichroism in its natural form.



TANZANIA

SPINEL

*Red Spinel · Blue Spinel ·
Pink Spinel*

With a hardness of 8, the spinel is one of the hardest coloured gemstones. It occurs in different colour variants, of which the red spinel is the most valuable.

For a long time, the centre stone of the Imperial State Crown of the United Kingdom was thought to be a ruby. However, this is actually a spinel, which thanks to this finding came into the spotlight.



TANZANIA MYANMAR TAJAIKISTAN VIETNAM



» *We obtain our rough stones from trustworthy partners across the world, with whom we have maintained successful business relationships over generations.* «



COMPANY HEAD OFFICE
KIRSCHWEILER
IDAR-OBERSTEIN

USA

NORWAY

RUSSIA

TAJIKISTAN

MADEIRA

AFGHANISTAN

PALMEIRA

PAKISTAN

MYANMAR

NIGERIA

VIETNAM

BRAZIL

TANZANIA

SRI LANKA

SAMBIA

MADAGASCAR

MOZAMBIQUE





CHRYSOBERYL

Alexandrite · Cat eye

The lesser known neon-coloured version of the chrysoberyl is a fascination by itself. The alexandrite changes colour: Under natural light it shines green, but under artificial light it shines a mysterious red.

Despite its name, the chrysoberyl does not belong to the beryl group, and is characterised by its high hardness of 8.5. Its radiant brilliance makes it an instant eye-catcher.



AFRICA BRAZIL RUSSIA SRI LANKA

PERIDOT


One of the few gemstones that only occur naturally in green is peridot.

The extraordinary colouring of the spring stone, which was first found on St. John Island in Egypt, has made it an instant celebrity to this day.



AFRICA PAKISTAN USA NORWAY





» We can trace the *origin* of the rough stones we use from the original mine all the way to the end sale. This is what guarantees the constant and reliable high-quality of our stones. «



GARNETS

Demantoid · Tsavorite · Mali Garnet · Mandarin Garnet · Rhodolite · Red Garnet · Hessonite · Spessartite

Mandarin Garnet

This garnet is particularly impressive for its intense, strong and dark colours.

The high light refraction of the gemstone creates an extraordinary brilliance in all colour shades. Hubert Arnoldi was one of the pioneers that introduced the Mandarin garnet to the market.



NIGERIA

Tsavorite

Due to its rarity, the price of this gemstone has been rising for years.

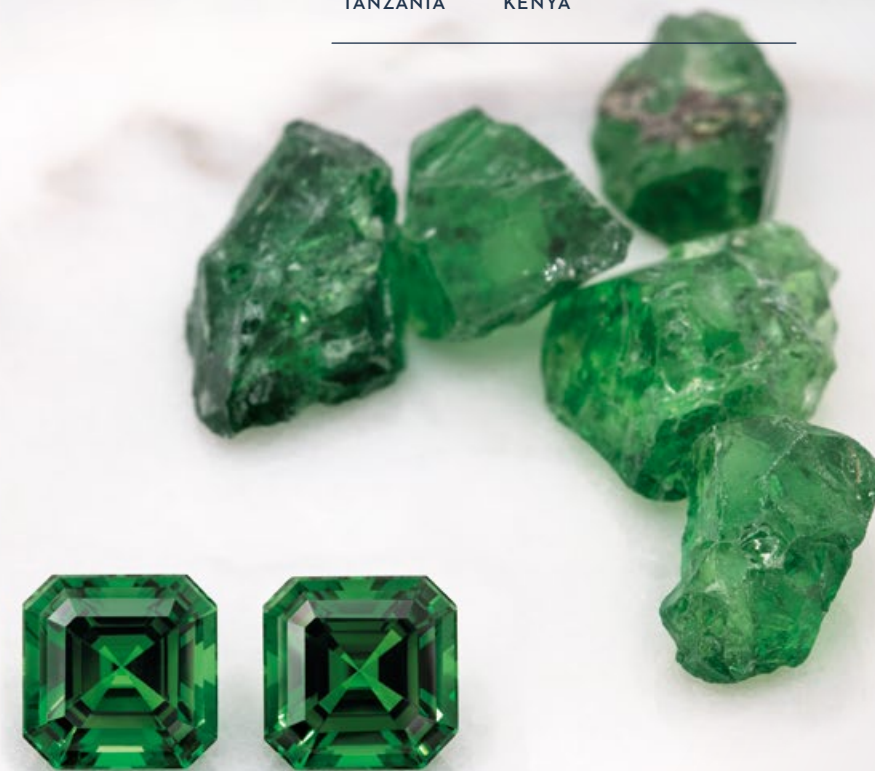
The vivid natural green is unique and varies from light green to a strong jungle green, which is particularly sought after. The tsavorite crystals are rather small, but of particular purity and clarity.



TANZANIA



KENYA





TOURMALINE

Paraiba · Rubellite · Green Tourmaline · Mint Green Tourmaline · Pink Tourmaline · Brown Tourmaline · Multicolour Tourmaline · Chromium Tourmaline

Green Tourmaline

The extensive group of tourmaline gemstones is characterised above all by the unique colour variety of the stones.

Tourmalines occur in two – or even three – colour varieties and have a perfectly crystallised triangular shape which makes them very difficult to process. The colour spectrum of the green tourmaline ranges from light green, olive green, yellow green to intense fir green.



AFRICA



BRAZIL



AFGHANISTAN

Paraiba tourmaline

The paraiba is one of the most expensive varieties from the tourmaline family and has gained in value in recent years due to its rarity.

It is named after and originates from the state of Brazil of the same name. It owes its intensive colouring from mint green to bright neon blue, which is particularly sought after, to the trace element of copper.



BRAZIL



MOZAMBIQUE



NIGERIA



ROUGH STONE

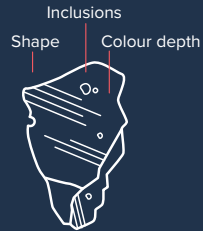
From raw to precious

**OUR CORE
THE GEM LAPIDARY**

GEMSTONE



**1
ANALYSE**



EXPERT ASSESSMENT

**2
DEFINE**



DETERMINATION OF THE OPTIMAL FORM

**3
PRE-SHAPING**



CUTTING THE BASIC FORM

**4
PUTTYING**



MOUNTING ON THE PUTTY ROD

**5
CUTTING**



FACET CUT BY HAND

**6
POLISHING**



POLISHING OF THE SURFACE



QUALITY CONTROL

The gemstones are constantly checked by our trained staff.



EXPERT EXAMINATION

Each finished stone is finally examined and professionally evaluated according to its rarity and finish.



SALES ADVICE

Of course, we are happy to advise you on the selection of the right stone for you and your project. So that the form, colour and quality match your project.

For more elaborate pieces of jewellery, you can find a large selection of pre-fabricated sets.

With our team of more than 20 highly qualified, trained employees, we are refining what nature has created over millions of years.

Each stone is individually inspected and carefully cut by hand with a great deal of precision to achieve the best result and brought to shine. Our stones are only sold after a thorough quality control takes place by our trained and experienced specialists.



75

facets

can be found in an octagon facet cut.



30%

of material usually remains from the original stone.



6

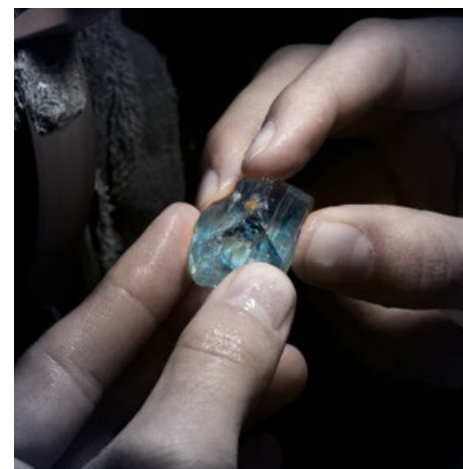
trained hands

handle a stone until its completion.

Definition of the
PERFECT
BASIC FORM



ASSESSMENT & PRE-SHAPING



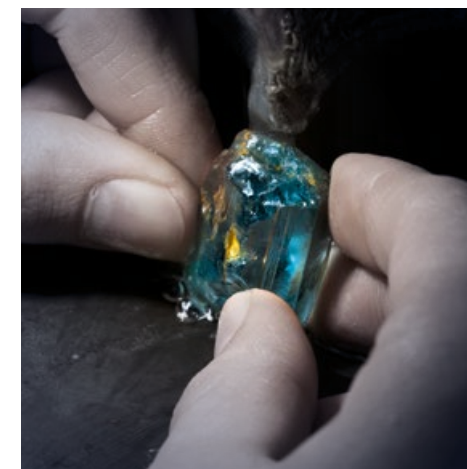
An aquamarine during inspection

We get our rough stones from suppliers all over the world and we examine them, among other things, for colour, flaws, cracks and overall quality.

We consider what forms we could make from the stones, how much the material is worth and then we enter into a price negotiation. We pay particular attention to fair conditions for all parties involved.

After the purchase is done, every single stone in our workshop is expertly examined and assessed.

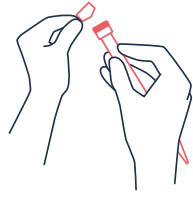
Here, it is also decided which cuts should be used to get the best value out of the stone and to create as little material loss as possible. The first basic form of the stone is obtained from the gemstone refiner through pre-shaping.



An aquamarine during the first cut

» *Pre-shaping* is the art of removing the superfluous with a sure eye and approaching the final gemstone in a formed manner. «





PUTTYING & CUTTING

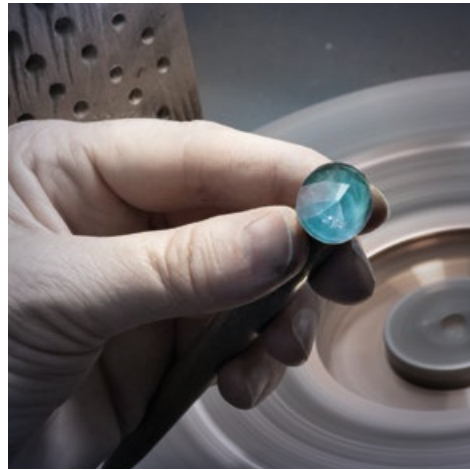


The pre-shaped rough stone is cemented on the putty rod.

In the gemstone cutting department, the individual stones are fixed on a so-called “putty rod”.

On the rod the stone can now be handled more easily and can later be released without residue. The stones are re-cemented several times

for the different work steps. In traditional and professional manual work, the delicate facets of the stone are now cut on different sides by the diamond grindstone. For this purpose, the putty rod is placed on a perforated board in order to guarantee a consistent angle and a steadily high precision of the cut.



The aquamarine is carefully polished with a trained eye.

The gem lapidary THE FACET CUT





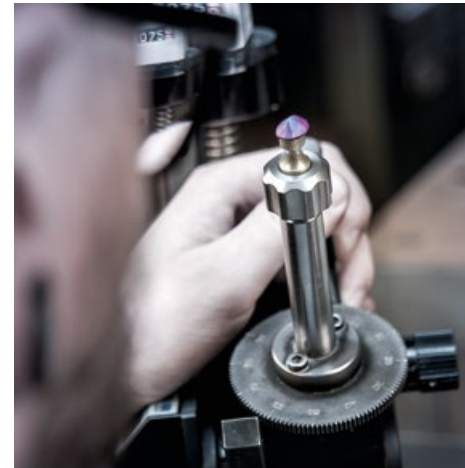
» Each stone is *unique*,
carefully selected and made to
shine through many hours of
manual work. «

The gem lapidary
THE
**CABOCHON
CUT**

Here, the gemstone is not engraved with facets, but rather cut into a round or oval shape, curved outwards.

The cabochon cut is frequently used on opals or cat eye, in order to bring out the natural shimmer of the stones in an optimal way.

The quadrant
— TECHNOLOGY-SUPPORTED CUTTING —



Cutting on the technology-based quadrant

As an alternative to traditional handwork and for serial productions that depend on the exact calibrated dimensions of the coloured stones, the cutting process is carried out on the quadrant with the use of support technology.



The traditional perforated board is replaced here by a mechanical wheel on which the angle for cutting gemstones can be adjusted digitally to precision. Instead of putty, a UV adhesive is used, which is hardened under UV light.



Creating series gemstones of the same size

Inspirations **SETS & COLLIERIES**

Are you looking for inspiration or for matching stones for the upcoming jewellery collection? In addition to our sparkling individual pieces, we also offer a variety of sets of carefully curated

gemstones. We have finely tuned the qualities, colours and sizes so that they can be processed into a high-quality piece of jewellery or complex collections with high design standards.



Meet & Greet
WORLDWIDE EXHIBITIONS



IJT International Jewellery Tokyo Japan



Vicenzaoro Vicenza Italy



GJX Tucson AZ USA

INHORGENTA MUNICH

Inhorgenta Munich Germany



HKTDC Hong Kong International Diamond Gem & Pearl Show



Geneva International Gem & Jewellery Show Switzerland



JCK Las Vegas USA



INTERGEM Idar-Oberstein Germany



Jewellery & Gem ASIA Hongkong



Jewellery & Gem WORLD Hongkong

Scan to see all shows which we are part of



Current exhibition dates:
www.hc-arnoldi.com/fairs

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You have any requests?
Just send us a message,
we are happy to help.

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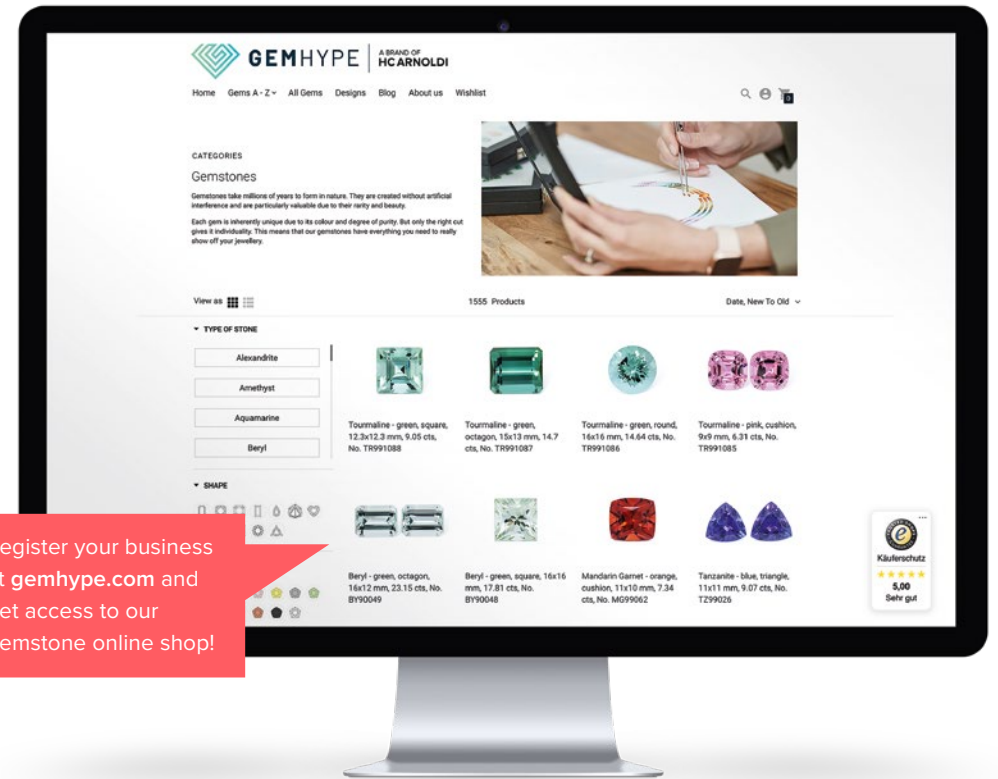
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gemstone online shop!



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