

HesseLab

GROWN DIAMONDS



CORE COLLECTION
EDITION 01

Let's shine! A new generation of diamonds.

Diamonds have always fascinated people with their unmistakable sparkle and symbolise the strength and eternity of true love. With our new HesseLab product line and selected pieces of jewellery with lab-grown diamonds, we continue our tradition as jewellery specialists and interpret the gemstone in an innovative and sustainable way. A new way of loving diamonds.

Welcome to HesseLab – our new product line from Hesse and your new home for sparkling lab-grown diamonds. Since 1962 we have set the standard for cultured pearls in the jewellery industry. Now we are expanding our range to include lab-grown diamonds that combine the highest quality, ethical standards and timeless beauty. With HesseLab, we continue the tradition of high-quality jewellery and offer an innovative and sustainable interpretation of diamonds to our customers. Our lab-grown diamonds are a contemporary alternative to natural diamonds, embodying both breathtaking beauty and ethical responsibility. Discover the brilliant world of HesseLab and unique jewellery pieces that captivate.

Enjoy and be inspired by HesseLab,
Your Hesse Team from Lippstadt

- 1 What are lab-grown diamonds?
- 2 Sustainability & quality
- 3 The collection

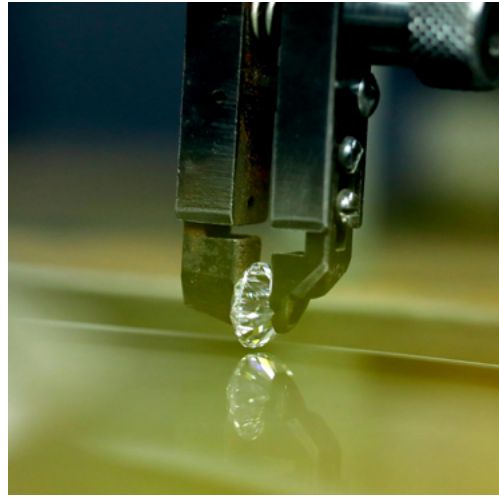


What are lab-grown diamonds?

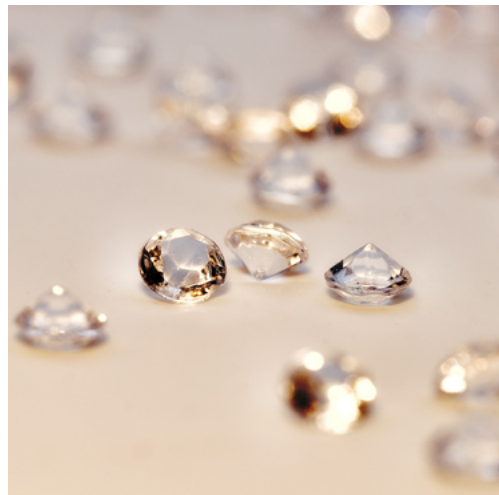
Inspired by nature,
created in a laboratory.



What are lab-grown diamonds?



Our lab-grown diamonds are an innovative and environmentally friendly alternative to natural diamonds. They are created using the CVD (Chemical Vapour Deposition) or HPHT (High Pressure High Temperature) process. The CVD process uses chemical vapours at low pressure, while the HPHT process simulates natural conditions. Both methods offer high quality and sustainability without the drawbacks of mining.



Our HesseLab diamonds have the same chemical and physical properties as natural diamonds, which distinguishes them from imitations (zirconia & moissanite). Lab-grown diamonds are also graded according to the 4 C's - Carat, Clarity, Colour & Cut - to determine quality according to the same criteria as natural diamonds. Each HesseLab diamond is manufactured with great care and precision to ensure it has the same brilliance and hardness as a natural diamond.



Our HesseLab diamonds are conflict-free and are produced under conditions that aim to minimise CO2 emissions. Lab-grown diamonds are therefore an environmentally friendly alternative to mined diamonds. By avoiding environmentally damaging mining processes and reducing waste and water pollution, they make an active contribution to protecting the environment. Enjoy a piece of jewellery that meets the highest standards of provenance and environmental awareness.

Sustainability & quality

The benefits of lab-grown diamonds at a glance:



Sustainability

Environmentally friendly production without degradation



Quality

Identical properties to natural diamonds



Ethics

Conflict free and traceable



Cost savings

Less expensive than natural diamonds of the same quality



Innovative technology meets traditional craftsmanship.

HesseLab jewellery is a modern and responsible choice. Our lab-grown diamonds do not compete with natural diamonds, but complement them by offering a sustainable alternative that supports ethical standards. Innovative and sustainably produced, they set new standards

for high quality jewellery that embodies conscious luxury. All our lab-grown diamonds are high in purity and brilliance. Our mission is to provide you with the highest quality jewellery that respects both your values and the health of our environment.

Certified diamonds*



*All our HesseLab diamonds over 1.00ct are certified to the well known IGI standards. Diamonds under 1.00ct are examined by our gemologists and issued with a Certificate of Authenticity.

Dazzling Lab-Grown diamonds to suit your taste and style.

HesseLab jewellery is manufactured with the highest precision and certified in Lippstadt to the strictest standards to ensure excellent quality. Through innovative manufacturing processes, we guarantee that our diamonds are both aesthetically and



ethically pleasing. With our lab-grown diamonds, you are not only wearing a beautiful piece of jewellery, you are setting an example for a better future. Our collection offers a variety of diamond shapes and carat sizes to suit every personality and style.



„With HesseLab, we are continuing the pioneering spirit that has already distinguished us in the establishment of high quality cultured pearls and are now continuing this path through innovation and sustainability with lab-grown diamonds.“



Note on customisation options
for HesseLab jewellery:

*The jewellery shown in the following is available
in 14kt & 18kt in white, yellow and rose gold.*

CORE COLLECTION EDITION 01

HesseLab
GROWN DIAMONDS

1 Rings

2 Ear jewellery

3 Bracelets

4 Pendants & necklaces



Rings

Solitaire



1



2



3



4



5



6



7



8



- 1 | 700.0154, Ring, 14kt YG, 1 Brill. Lab Grown Diamond F/VS 0.50ct
- 2 | 701.0154, Ring, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 0.50ct
- 3 | 702.0154, Ring, 14kt RG, 1 Brill. Lab Grown Diamond F/VS 0.50ct
- 4 | 701.0354, Ring, 14kt WG, 1 Brill. Lab Grown Diamond E/VS 1.00ct
- 5 | 701.0554, Ring, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 1.50ct
- 6 | 701.6154, Ring, 14kt WG, 1 Emerald Lab Grown Diamond F/VS 1.50ct
- 7 | 701.7154, Ring, 14kt WG, 1 Oval Lab Grown Diamond F/VS 1.00ct
- 8 | 701.9154, Ring, 14kt WG, 1 Drop Lab Grown Diamond F/VS 1.00ct

Rings

Solitaire



1



2



3

- 1 | 707.0154, Ring, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 0.50ct, 30 Brill. Lab Grown Diamonds F/VS 0.30ct
2 | 707.0354, Ring, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 0.75ct, 26 Brill. Lab Grown Diamonds F/VS 0.40ct
3 | 707.0554, Ring, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 1.00ct, 24 Brill. Lab Grown Diamonds F/VS 0.51ct



4



5



6

- 4 | 707.4154, Ring, 14kt WG, 1 Cushion Lab Grown Diamond F/VS 0.50ct, 30 Brill. Lab Grown Diamonds F/VS 0.30ct
5 | 707.4354, Ring, 14kt WG, 1 Cushion Lab Grown Diamond F/VS 0.75ct, 26 Brill. Lab Grown Diamonds F/VS 0.35ct
6 | 707.4554, Ring, 14kt WG, 1 Cushion Lab Grown Diamond F/VS 1.01ct, 24 Brill. Lab Grown Diamonds F/VS 0.51ct

Rings



7



8

- 7 | 707.7154, Ring, 14kt WG, 1 Oval Lab Grown Diamond F/VS 0.75ct, 26 Brill. Lab Grown Diamonds F/VS 0.40ct
8 | 707.7354, Ring, 14kt WG, 1 Oval Lab Grown Diamond F/VS 1.00ct, 24 Brill. Lab Grown Diamonds F/VS 0.50ct



Rings

Halo



1



2



3



1 | 710.4154, Ring, 14kt WG, 1 Cushion Lab Grown Diamond F/VS 1.00ct, 48 Brill. Lab Grown Diamonds F/VS 0.30ct

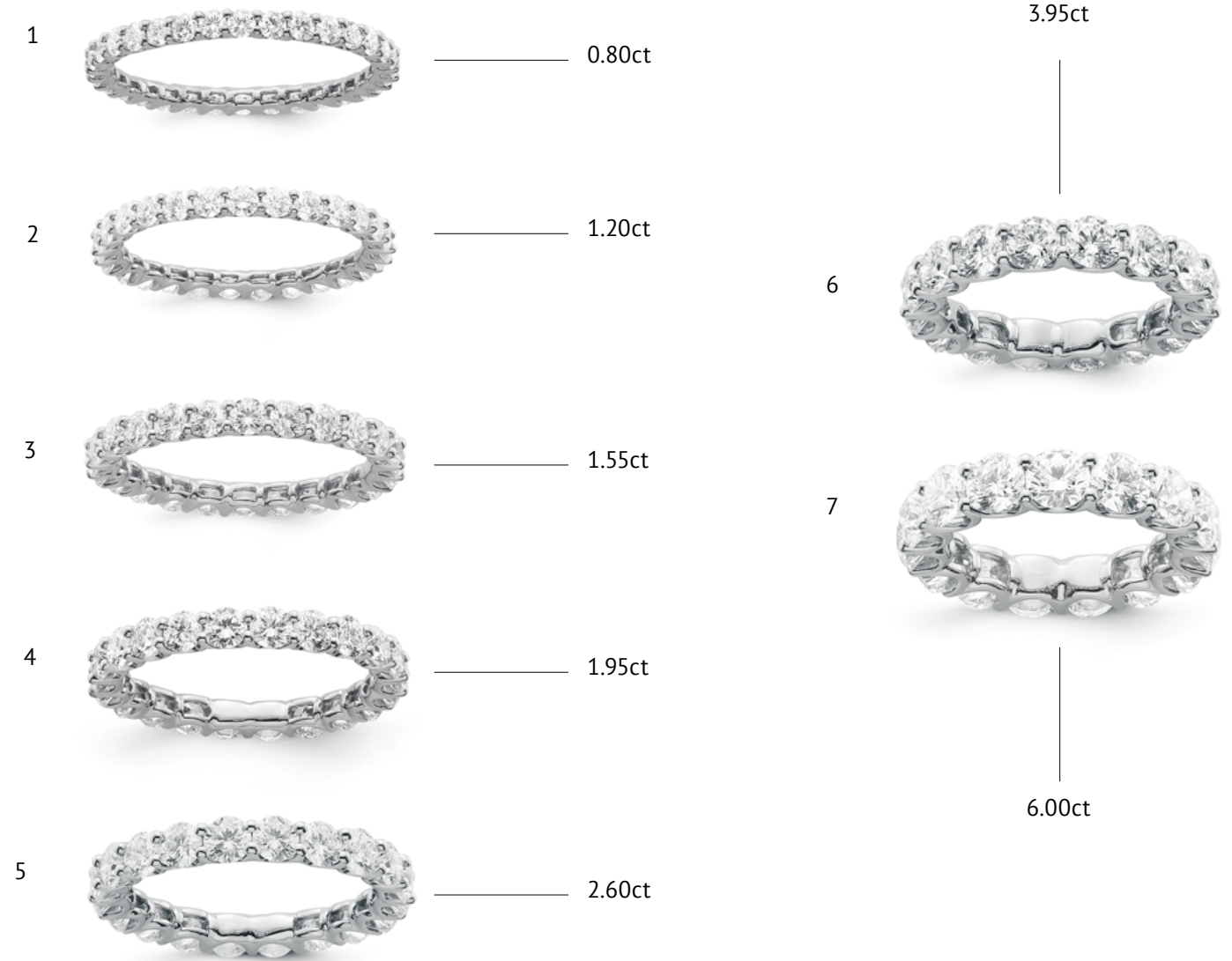
2 | 710.7154, Ring, 14kt WG, 1 Oval Lab Grown Diamond F/VS 2.00ct, 36 Brill. Lab Grown Diamonds F/VS 0.40ct

3 | 711.7354, Ring, 14kt RG, 1 Oval Lab Grown Diamond F/VS 1.00ct, 40 Brill. Lab Grown Diamonds F/VS 0.30ct

Memoire



- 1 | 703.0155, Ring, 14kt YG, 40 Brill. Lab Grown Diamonds F/VS 0.50ct
- 2 | 705.0155, Ring, 14kt RG, 40 Brill. Lab Grown Diamonds F/VS 0.50ct
- 3 | 704.0155, Ring, 14kt WG, 40 Brill. Lab Grown Diamonds F/VS 0.50ct
- 4 | 704.0354, Ring, 14kt WG, 20 Brill. Lab Grown Diamonds F/VS 2.00ct



- 1 | 704.0553, Ring, 14kt WG, 32 Brill. Lab Grown Diamonds F/VS 0.80ct
- 2 | 704.0753, Ring, 14kt WG, 27 Brill. Lab Grown Diamonds F/VS 1.20ct
- 3 | 704.0953, Ring, 14kt WG, 24 Brill. Lab Grown Diamonds F/VS 1.55ct
- 4 | 704.1153, Ring, 14kt WG, 22 Brill. Lab Grown Diamonds F/VS 1.95ct
- 5 | 704.1353, Ring, 14kt WG, 20 Brill. Lab Grown Diamonds F/VS 2.60ct
- 6 | 704.1553, Ring, 14kt WG, 16 Brill. Lab Grown Diamonds F/VS 3.95ct
- 7 | 704.1753, Ring, 14kt WG, 15 Brill. Lab Grown Diamonds F/VS 6.00ct

1 Rings

2 Ear jewellery

3 Bracelets

4 Pendants & necklaces



Ear studs



- 1 | 731.0001, Ear studs, 14kt WG, 2 Brill. Lab Grown Diamonds F/VS 0.50ct
- 2 | 731.0003, Ear studs, 14kt WG, 2 Brill. Lab Grown Diamonds F/VS 1.00ct
- 3 | 731.0005, Ear studs, 14kt WG, 2 Brill. Lab Grown Diamonds F/VS 1.50ct
- 4 | 731.0007, Ear studs, 14kt WG, 2 Brill. Lab Grown Diamonds F/VS1 2.00ct
- 5 | 731.0201, Ear studs, 14kt WG, 2 Drop Lab Grown Diamonds F/VS 1.00ct
- 6 | 731.0101, Ear studs, 14kt WG, 2 Emerald Lab Grown Diamonds F/VS 1.00ct

Ear studs



- 7 | 740.0001. Ear studs, 14kt WG, 20 Brill. Lab Grown Diamonds F/VS 0.50ct
- 8 | 740.0021. Ear studs, 14kt WG, 50 Brill. Lab Grown Diamonds F/VS 0.85ct
- 9 | 734.0001. Ear ring, 14kt WG, 14 Brill. Lab Grown Diamonds F/VS 0.50ct
- 10 | 734.0003, Ear ring, 14kt WG, 74 Brill. Lab Grown Diamonds F/VS 1.60ct

Ear jewellery

Hoops



1



2



3



4



5



6



1 | 737.0001, Hoops round, diameter: 17mm, 14kt WG, 50 Brill. Lab Grown Diamonds F/VS 0.50ct

2 | 737.0003, Hoops round, diameter: 18mm, 14kt WG, 50 Brill. Lab Grown Diamonds F/VS 0.60ct

3 | 736.0003, Hoops round, diameter: 18mm, 14kt YG, 50 Brill. Lab Grown Diamonds F/VS 0.60ct

4 | 737.0005, Hoops oval, diameter: 22mm, 14kt WG, 60 Brill. Lab Grown Diamonds F/VS 0.80ct

5 | 737.0101, Hoops oval, diameter: 22x28mm, 14kt WG, 54 Brill. Lab Grown Diamonds F/VS 1.00ct

6 | 737.1001, Hoops round, diameter creole: 14mm, 14kt WG, 80 Brill. Lab Grown Diamonds F/VS 0.60ct

The Collection

1 Rings

2 Ear jewellery

3 Bracelets

4 Pendants & necklaces



Bracelets

1



5



6



7



2



3



4



- 1 | 754.0118, Bracelet, 14kt WG, length 18cm, 110 Brill. Lab Grown Diamonds F/VS 1.00ct
- 2 | 754.0718, Bracelet, 14kt WG, length 18cm, 73 Brill. Lab Grown Diamonds F/VS 2.90ct
- 3 | 754.0318, Bracelet, 14kt WG, length 18cm, 68 Brill. Lab Grown Diamonds F/VS 3.50ct
- 4 | 754.0518, Bracelet, 14kt WG, length 18cm, 44 Brill. Lab Grown Diamonds F/VS 9.60ct
- 5 | 751.0118, Bracelet, 14kt WG, length 18cm, 51 Brill. Lab Grown Diamonds F/VS 0.70ct
- 6 | 751.0318, Bracelet, 14kt WG, length 18cm, 62 Emerald & Brill. Lab Grown Diamonds F/VS 4.20ct
- 7 | 754.4118, Bracelet, 14kt WG, length 18cm, 45 Emerald Lab Grown Diamonds F/VS 6.10ct

The Collection

1 Rings

2 Ear jewellery

3 Bracelets

4 Pendants & necklaces



Pendants



1

2

3



4

5

- 1 | 721.0001, Pendant, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 0.50ct
- 2 | 720.0003, Pendant, 14kt YG, 1 Brill. Lab Grown Diamond F/VS 1.00ct
- 3 | 721.0005, Pendant, 14kt WG, 1 Brill. Lab Grown Diamond F/VS 1.50ct
- 4 | 721.0201, Pendant, 14kt WG, 1 Emerald Lab Grown Diamond F/VS 1.50ct
- 5 | 722.0101, Pendant, 14kt RG, 1 Oval Lab Grown Diamond F/VS 0.75ct

Pendants



1



2



3

- 1 | 725.0001, Pendant, 14kt RG, 54 Brill. Lab Grown Diamonds F/VS 1.00ct
- 2 | 724.0003, Pendant, 14kt WG, 50 Brill. Lab Grown Diamonds F/VS 1.90ct
- 3 | 723.0001, Pendant, 14kt YG, 54 Brill. Lab Grown Diamonds F/VS 1.00ct

Necklaces



1



2



3



- 1 | 773.0145, Necklace, 14kt YG, length 45cm, 18 Brill. Lab Grown Diamonds F/VS 0.45ct
- 2 | 774.0145, Necklace, 14kt WG, length 45cm, 18 Brill. Lab Grown Diamonds F/VS 0.45ct
- 3 | 775.0145, Necklace, 14kt RG, length 45cm, 18 Brill. Lab Grown Diamonds F/VS 0.45ct

Necklaces



1



2



3

- 1 | 777.0145, Necklace, 14kt WG, length 45cm, 285 Brill. Lab Grown Diamonds F/VS 6.00ct
- 2 | 776.0145, Necklace, 14kt YG, length 45cm, 285 Brill. Lab Grown Diamonds F/VS 6.00ct
- 3 | 776.3145, Necklace, 14kt YG, length 45cm, 202 Brill. Lab Grown Diamonds F/VS 5.50ct

Necklaces



4



5

4 | 773.4145, Necklace, 14kt YG, length 45cm, 17 Brill. Lab Grown Diamonds F/VS 0.80ct

5 | 773.4345, Necklace, 14kt YG, length 45cm, 21 Brill. Lab Grown Diamonds F/VS 1.70ct

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are not shown in their original size.

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HesseLab

GROWN DIAMONDS

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