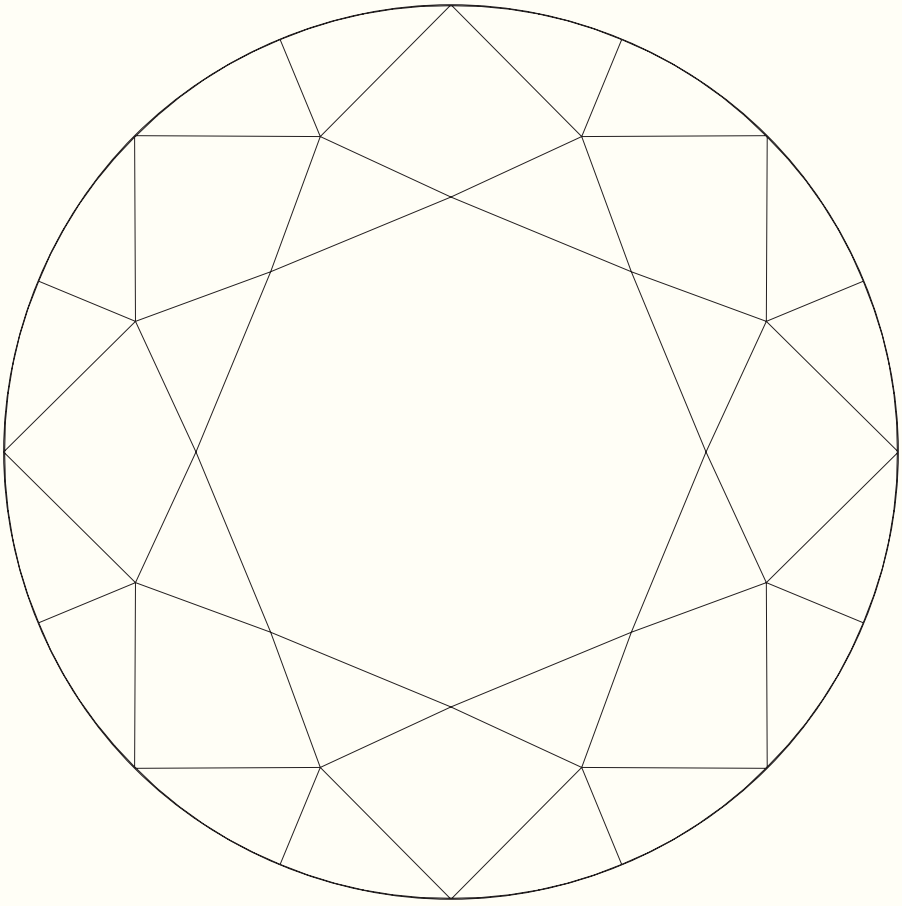
Swarovski Zirconia Collection



Basic Information

What is Zirconia?

Zirconia is an artificially produced crystalline imitation of a diamond made of Zirconiumoxide, which is very hard and is characterized by a light refraction that is close to that of a diamond.

Zirconia is considered the best diamond imitation in the market.

Zirconia can withstand very high temperatures (2750°C) and can therefore be set like a diamond.

Zirconia can be applied to jewelry without the need for adhesives, making it extremely durable and ideal for everyday wear.

TRUST THE ORIGINAL

Swarovski was the first company to recognize zirconia's full potential and expanded its expertise in precision cutting to the manufacture and supply of machine-cut zirconia already in 1976 – a first for the international jewelry industry.

Following its pioneering spirit, Swarovski started to set the industry standards for product quality, reliability, innovations, and corporate social responsibility, as well as trend and design initiatives

COMPARATIVE ANALYSIS

To demonstrate the supreme optical quality of zirconia, the following table compares our created stones with their natural counterparts.

Material	Zirconia	Diamond	White Topaz	Crystal
Refractive index	2.2	2.42	1.62	1.52 – 1.58
Dispersion (CF)	0.065	0.044	0.014	0.009 – 0.098
Hardness (Mohs)	8.5	10.0	8.0	5.0 – 6.0
Specific Gravity	5.6	3.53	3.54	2.7 – 3.3

PACKAGING AND LABELING

We take great care and pride in the handling and packaging of our exclusive products. The individual construction of our packaging allows for stacking, while the unique see-through design enables quick and easy identification of the contents. As a guarantee of quality and security, a special seal ensures that your Swarovski product is both original and intact.

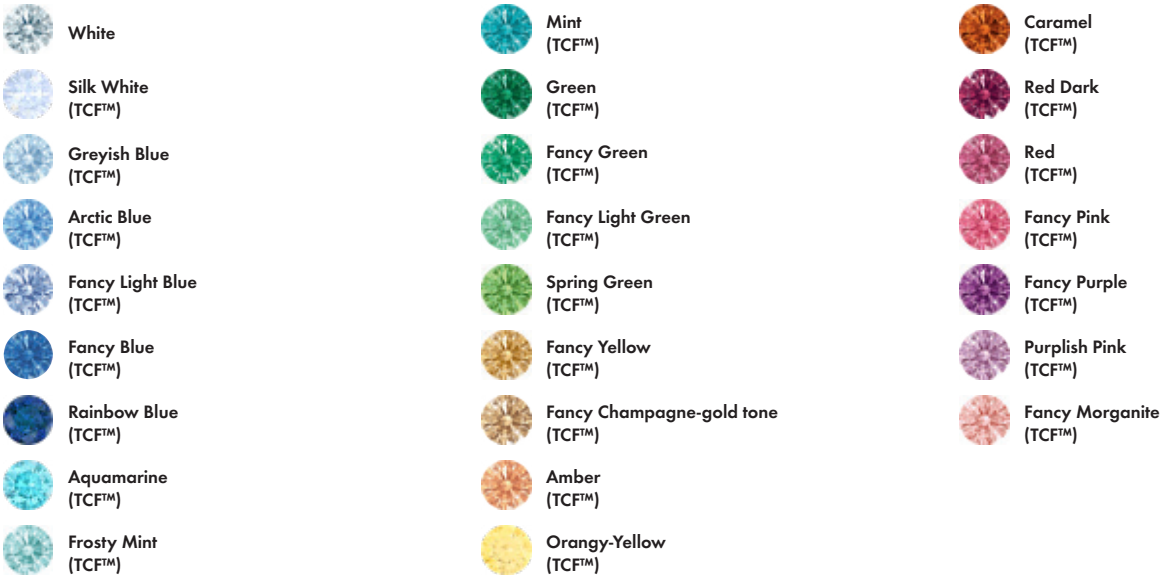
Bar Coding
To guarantee the quality of our products, and to help trace the history of an order, each of our packages is tagged with a unique bar code label.

Trustseal
Our specially created Trustseal secures each product package and verifies the authenticity of our Created Stones. The complex design of the seal is similar to a hologram, making it virtually impossible to imitate.

Safety Tab
Our strict manufacturing standards call for dependable security solutions. In order to protect our packages from tampering, we have developed the Safety Tab – an important new security feature, which is applied at the final stage of packaging. Once broken, the Safety Tabs cannot be reused, giving the customer a clear indication that the package has been tampered with. Should any of our packages be delivered damaged or with broken Safety Tabs, we kindly ask our customers to report the incident to their local sales office as soon as possible. The superior quality of our genuine Swarovski products can only be guaranteed when the Safety Tabs are fully intact. In order to open the packaging, please move the Safety Tabs in the direction of the arrow.

SWAROVSKI ZIRCONIA COLORS

Color plays a fundamental role in Swarovski's company history and is a constant source of creative inspiration. Thanks to our detailed research and creative expertise, we continually develop exciting new colors.



Swarovski Zirconia TCF™ Colors

- Thermal Color Fusion (TCF™) is a patented innovative coloration technology that enhances the surface of the stone with an enduring hard-ceramic layer on the pavilion
- TCF™ enables the enhancement and transformation of zirconia with an array of fashion-forward colors
- Patented in Austria
- TCF™ is a special chemical heat treatment that is durable, permanent and resistant
- TCF™ is able to sustain production processes (cast-in-place) and cleaning methods
- As the coloration is restricted to the near-surface of the stone, the body of the stone remains completely unchanged
- Our TCF™ technology does not involve any kind of irradiation and therefore is environmentally and consumer friendly
- TCF™ has a high color consistency regardless of the size and shape of the stone

SWAROVSKI ZIRCONIA VIBRANCE FAMILY

We aspire to innovate in a way that seamlessly blends past, present, and future. The Vibrance color family is a first of its kind color development in Swarovski Zirconia, a unique combination of two colors in a single stone. Swarovski's patented TCF™ coloring process results in pure, consistent shades from the smallest to the largest stone. Each stone of the Vibrance Family produces a fascinating color effect akin to looking through a kaleidoscope. Whichever way you look at it, every way you metaphorically 'turn the kaleidoscope' it creates fresh new perspectives. Above all, these constantly changing patterns and hues illustrate how each person and each life is unique, and every special moment deserves to be celebrated. It is both a jewel of a moment and a moment for memorable jewelry that will be admired and deeply treasured for years to come.


Bizarre Square
Vibrant Red – Orangy Yellow (TCF™)


Round Rosebush
Vibrant Red – Orangy Yellow (TCF™)


Pentagon Star
Vibrant Red – Orangy Yellow (TCF™)


Cushion Princess
Vibrant Red – Orangy Yellow (TCF™)


Bizarre Square
Vibrant Purple – Aqua (TCF™)


Round Rosebush
Vibrant Purple – Aqua (TCF™)


Pentagon Star
Vibrant Purple – Aqua (TCF™)


Cushion Princess
Vibrant Purple – Aqua (TCF™)


Bizarre Square
Vibrant Spring Green – White (TCF™)


Round Rosebush
Vibrant Spring Green – White (TCF™)


Pentagon Star
Vibrant Spring Green – White (TCF™)


Cushion Princess
Vibrant Spring Green – White (TCF™)

HANDLING OF TCF™ TREATED ZIRCONIA

ZIRCONIA TCF™ – Color *	Vibrant Red – Orangy Yellow (TCF™)	Vibrant Purple – Aqua (TCF™)	Vibrant Spring Green – White (TCF™)
Casting-in-place ** 14 KT Gold and 925 Silver Casting temperature 1030°C Wax burnout: 2 hours at 700°C	●	●	●
Soldering up (Fluitin) & Electroplating Soldering agent: Fluitin (L-Sn6OPb) Soldering Flux: (not necessary) Soldering temperature -200°C	●	●	●
Soldering up (AG) & Electroplating Soldering agent: Silver soft agent (925/000) Soldering Flux: Flouron Soldering temperature -700°C	●	●	●
Blackened Silver 1/3 K2CO3, 1/3 Sel, 1/3 H2O stones exposed to filtrate for 3 minutes at 50°C; rinsed with H2O	●	●	●
Gold coloring Color bath mix of 17.3% NaCl, 23% KNO3 22.6% H2O, 25.6% HCLconc Boiled in solution for 3 min; rinsed with H2O	●	●	●
Electroplating: For cleaning galvanic process, please see "Alkaline Cleaning" recommendations below. pH value of electro cleaning bath max. pH 12; temp. of bath 45°C constant exposure time in bath max. 2 minutes	●	●	●
Sulfuric acid pickle, 20 Vol % H2SO4, 30 minutes at 60°C rinsed with H2O	●	●	●
Vitrex pickle, 12.5 Vol % Natriumbisulfat; 10 minutes at 70°C rinsed with H2O	●	●	●
Alkaline Cleaning Max. pH 12, at max. 50°C, max. exposure time 15 minutes (total soaking time in all steps)	●	●	●

● no alteration recognizable
● parameters MUST be adhered to

* Polishing or extreme scratching of the pavilion might cause a change in the color appearance.
** Casting-in-place tests were conducted with different silver and gold alloys.

If further information is needed please contact your local sales or technical support representative.
Note: With the use of other metals or alloys, slight color variations may be possible.

HANDLING OF TCF™ TREATED ZIRCONIA

ZIRCONIA TCF™ – Color *	 Silk White (TCF™)	 Greyish Blue (TCF™)	 Arctic Blue (TCF™)	 Fancy Light Blue (TCF™)	 Fancy Blue (TCF™)	 Rainbow Blue (TCF™)
Casting-in-place ** 14 KT Gold and 925 Silver Casting temperature 1030°C Wax burnout: 2 hours at 700°C	●	●	●	●	●	●
Soldering up (Fluitin) & Electroplating Soldering agent: Fluitin (L-Sn6OPb) Soldering Flux: (not necessary) Soldering temperature -200°C	●	●	●	●	●	●
Soldering up (AG) & Electroplating Soldering agent: Silver soft agent (925/000) Soldering Flux: Flouron Soldering temperature -700°C	●	●	●	●	●	●
Blackened Silver 1/3 K2CO3, 1/3 Sel, 1/3 H2O stones exposed to filtrate for 3 minutes at 50°C; rinsed with H2O	●	●	●	●	●	●
Gold coloring Color bath mix of 17.3% NaCl, 23% KNO3 22.6% H2O, 25.6% HCLconc Boiled in solution for 3 min; rinsed with H2O	●	●	●	●	●	●
Electroplating: For cleaning galvanic process, please see “Alkaline Cleaning” recommendations below. pH value of electro cleaning bath max. pH 12; temp. of bath 45°C constant exposure time in bath max. 2 minutes	●	●	●	●	●	●
Sulfuric acid pickle, 20 Vol % H2SO4, 30 minutes at 60°C rinsed with H2O	●	●	●	●	●	●
Vitrex pickle, 12.5 Vol % Natriumbisulfat; 10 minutes at 70°C rinsed with H2O	●	●	●	●	●	●
Alkaline Cleaning Max. pH 12, at max. 50°C, max. exposure time 15 minutes (total soaking time in all steps)	●	●	●	●	●	●

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ZIRCONIA TCF™ – Color *	 Aquamarine (TCF™)	 Frosty Mint (TCF™)	 Mint (TCF™)	 Green (TCF™)	 Fancy Green (TCF™)	 Fancy Light Green (TCF™)
Casting-in-place ** 14 KT Gold and 925 Silver Casting temperature 1030°C Wax burnout: 2 hours at 700°C	●	●	●	●	●	●
Soldering up (Fluitin) & Electroplating Soldering agent: Fluitin (L-Sn6OPb) Soldering Flux: (not necessary) Soldering temperature -200°C	●	●	●	●	●	●
Soldering up (AG) & Electroplating Soldering agent: Silver soft agent (925/000) Soldering Flux: Flouron Soldering temperature -700°C	●	●	●	●	●	●
Blackened Silver 1/3 K2CO3, 1/3 Sel, 1/3 H2O stones exposed to filtrate for 3 minutes at 50°C; rinsed with H2O	●	●	●	●	●	●
Gold coloring Color bath mix of 17.3% NaCl, 23% KNO3 22.6% H2O, 25.6% HCLconc Boiled in solution for 3 min; rinsed with H2O	●	●	●	●	●	●
Electroplating: For cleaning galvanic process, please see “Alkaline Cleaning” recommendations below. pH value of electro cleaning bath max. pH 12; temp. of bath 45°C constant exposure time in bath max. 2 minutes	●	●	●	●	●	●
Sulfuric acid pickle, 20 Vol % H2SO4, 30 minutes at 60°C rinsed with H2O	●	●	●	●	●	●
Vitrex pickle, 12.5 Vol % Natriumbisulfat; 10 minutes at 70°C rinsed with H2O	●	●	●	●	●	●
Alkaline Cleaning Max. pH 12, at max. 50°C, max. exposure time 15 minutes (total soaking time in all steps)	●	●	●	●	●	●

● no alteration recognizable
● parameters MUST be adhered to

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** Casting-in-place tests were conducted with different silver and gold alloys.

If further information is needed please contact your local sales or technical support representative.
Note: With the use of other metals or alloys, slight color variations may be possible.

HANDLING OF TCF™ TREATED ZIRCONIA

ZIRCONIA TCF™ – Color *	 Spring Green (TCF™)	 Fancy Yellow (TCF™)	 Fancy Champagne-gold tone (TCF™)	 Amber (TCF™)	Orangy-Yellow (TCF™)	 Caramel (TCF™)
Casting-in-place ** 14 KT Gold and 925 Silver Casting temperature 1030°C Wax burnout: 2 hours at 700°C	●	●	●	●	●	●
Soldering up (Fluitin) & Electroplating Soldering agent: Fluitin (L-Sn6OPb) Soldering Flux: (not necessary) Soldering temperature -200°C	●	●	●	●	●	●
Soldering up (AG) & Electroplating Soldering agent: Silver soft agent (925/000) Soldering Flux: Flouron Soldering temperature -700°C	●	●	●	●	●	●
Blackened Silver 1/3 K2CO3, 1/3 Sel, 1/3 H2O stones exposed to filtrate for 3 minutes at 50°C; rinsed with H2O	●	●	●	●	●	●
Gold coloring Color bath mix of 17.3% NaCl, 23% KNO3 22.6% H2O, 25.6% HCLconc Boiled in solution for 3 min; rinsed with H2O	●	●	●	●	●	●
Electroplating: For cleaning galvanic process, please see “Alkaline Cleaning” recommendations below. pH value of electro cleaning bath max. pH 12; temp. of bath 45°C constant exposure time in bath max. 2 minutes	●	●	●	●	●	●
Sulfuric acid pickle, 20 Vol % H2SO4, 30 minutes at 60°C rinsed with H2O	●	●	●	●	●	●
Vitrex pickle, 12.5 Vol % Natriumbisulfat; 10 minutes at 70°C rinsed with H2O	●	●	●	●	●	●
Alkaline Cleaning Max. pH 12, at max. 50°C, max. exposure time 15 minutes (total soaking time in all steps)	●	●	●	●	●	●

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● parameters MUST be adhered to

* Polishing or extreme scratching of the pavilion might cause a change in the color appearance.
** Casting-in-place tests were conducted with different silver and gold alloys.

If further information is needed please contact your local sales or technical support representative.
Note: With the use of other metals or alloys, slight color variations may be possible.

ZIRCONIA TCF™ – Color *	 Red Dark (TCF™)	 Red (TCF™)	 Fancy Pink (TCF™)	 Fancy Purple (TCF™)	 Purplish Pink (TCF™)	 Fancy Morganite (TCF™)
Casting-in-place ** 14 KT Gold and 925 Silver Casting temperature 1030°C Wax burnout: 2 hours at 700°C	●	●	●	●	●	●
Soldering up (Fluitin) & Electroplating Soldering agent: Fluitin (L-Sn6OPb) Soldering Flux: (not necessary) Soldering temperature -200°C	●	●	●	●	●	●
Soldering up (AG) & Electroplating Soldering agent: Silver soft agent (925/000) Soldering Flux: Flouron Soldering temperature -700°C	●	●	●	●	●	●
Blackened Silver 1/3 K2CO3, 1/3 Sel, 1/3 H2O stones exposed to filtrate for 3 minutes at 50°C; rinsed with H2O	●	●	●	●	●	●
Gold coloring Color bath mix of 17.3% NaCl, 23% KNO3 22.6% H2O, 25.6% HCLconc Boiled in solution for 3 min; rinsed with H2O	●	●	●	●	●	●
Electroplating: For cleaning galvanic process, please see “Alkaline Cleaning” recommendations below. pH value of electro cleaning bath max. pH 12; temp. of bath 45°C constant exposure time in bath max. 2 minutes	●	●	●	●	●	●
Sulfuric acid pickle, 20 Vol % H2SO4, 30 minutes at 60°C rinsed with H2O	●	●	●	●	●	●
Vitrex pickle, 12.5 Vol % Natriumbisulfat; 10 minutes at 70°C rinsed with H2O	●	●	●	●	●	●
Alkaline Cleaning Max. pH 12, at max. 50°C, max. exposure time 15 minutes (total soaking time in all steps)	●	●	●	●	●	●

● no alteration recognizable
● parameters MUST be adhered to

* Polishing or extreme scratching of the pavilion might cause a change in the color appearance.
** Casting-in-place tests were conducted with different silver and gold alloys.

If further information is needed please contact your local sales or technical support representative.
Note: With the use of other metals or alloys, slight color variations may be possible.

Classic Cuts

Summary

1 2 3

Round Pure Brilliance
0.7, 0.8, 0.9, 1, 1.1, 1.2, 1.25, 1.3, 1.4, 1.5, 1.6, 1.7, 1.75, 1.8, 1.9, 2, 2.1, 2.2, 2.25, 2.3, 2.4, 2.5, 2.6, 2.7, 2.75, 2.8, 2.9, 3, 3.1, 3.2, 3.25, 3.3, 3.4, 3.5, 3.75, 4, 4.25, 4.5, 4.75, 5, 5.25, 5.5, 5.75, 6, 6.25, 6.5, 7, 7.5, 8 mm

Square Princess Pure Brilliance
1.5, 2, 2.5, 2.75, 3, 3.5, 4, 5, 6, 7 mm

Marquise Pure Brilliance
3x1.5, 4x2, 5x2.5, 6x3, 7x3.5, 8x4 mm

Pear Pure Brilliance
3x2, 5x3, 6x4, 7x5, 8x5 mm

Oval Pure Brilliance
3x2, 5x3, 6x4, 7x5, 8x6 mm

Heart
3x3, 4x4, 5x5, 6x6 mm

Cushion Princess
4x4, 5x5, 6x6, 7x7, 8x8 mm

Baguette Princess Pure Brilliance
3x2, 4x2, 5x2.5, 6x3 mm

Octagon Step
5x3, 6x4, 7x5 mm

Square Step
2, 2.5, 3, 4 mm

1 2 3

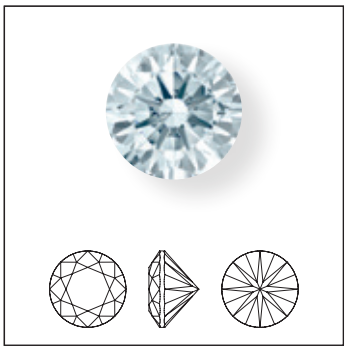
Baguette Step
3x2, 4x2, 5x2.5, 6x3 mm

Tapered Baguette Step
2.5x1.5x1, 2.5x2x1.5, 3x2x1, 3x2.5x1.5, 3.5x1.5x1, 3.5x2.5x1.5, 4x2x1.5 mm

Triangle Cut Corner
3, 4, 5, 6 mm

1 Top view 2 Side view 3 Back view

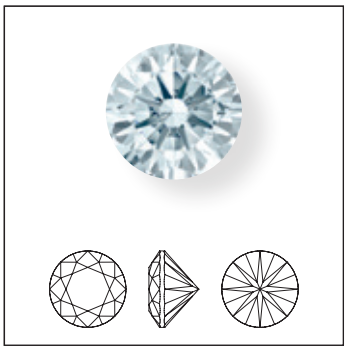
Round Pure Brilliance



Size	0.7 mm	0.8 mm	0.9 mm	1.0 mm	1.1 mm	1.2 mm	1.25 mm	1.3 mm	1.4 mm	1.5 mm	1.6 mm	1.7 mm	1.75 mm	1.8 mm	1.9 mm	2.0 mm	2.1 mm	2.2 mm	2.25 mm	2.3 mm	2.4 mm	2.5 mm	2.6 mm	2.7 mm
Zirconia Colors																								
Zirconia Rough Colors																								
White (0031)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zirconia TCF™ Colors																								
Amber (0666 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Aquamarine (0692 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Arctic Blue (0659 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Caramel (0670 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Blue (0653 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Champagne-gold tone (0673 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Green (0663 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Light Blue (0652 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Light Green (0679 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Morganite (0682 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Pink (0667 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Purple (0649 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Fancy Yellow (0664 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Frosty Mint (0677 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Green (0669 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Greyish Blue (0658 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Mint (0660 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Orangy Yellow (0662 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Purplish Pink (0678 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Rainbow Blue (0686 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Red (0668 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Red Dark (0672 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Silk White (0696 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		
Spring Green (0681 TCF™)		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■			■		

◆ Core Assortment

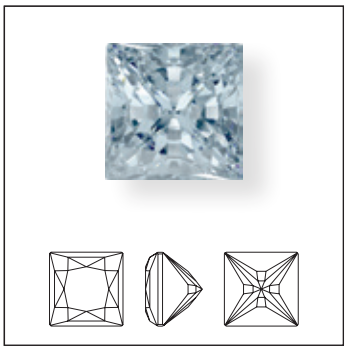
Round Pure Brilliance



Size	2.75 mm	2.8 mm	2.9 mm	3.0 mm	3.1 mm	3.2 mm	3.25 mm	3.3 mm	3.4 mm	3.5 mm	3.75 mm	4.0 mm	4.25 mm	4.5 mm	4.75 mm	5.0 mm	5.25 mm	5.5 mm	6.0 mm	6.25 mm	6.5 mm	7.0 mm	7.5 mm	8.0 mm
Zirconia Colors																								
Zirconia Rough Colors																								
White (0031)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zirconia TCF™ Colors																								
Amber (0666 TCF™)				■						■		■				■			■		■	■		■
Aquamarine (0692 TCF™)				■						■		■				■			■		■	■		■
Arctic Blue (0659 TCF™)				■						■		■				■			■		■	■		■
Caramel (0670 TCF™)				■						■		■				■			■		■	■		■
Fancy Blue (0653 TCF™)				■						■		■				■			■		■	■		■
Fancy Champagne-gold tone (0673 TCF™)				■						■		■				■			■		■	■		■
Fancy Green (0663 TCF™)				■						■		■				■			■		■	■		■
Fancy Light Blue (0652 TCF™)				■						■		■				■			■		■	■		■
Fancy Light Green (0679 TCF™)				■						■		■				■			■		■	■		■
Fancy Morganite (0682 TCF™)				■						■		■				■			■		■	■		■
Fancy Pink (0667 TCF™)				■						■		■				■			■		■	■		■
Fancy Purple (0649 TCF™)				■						■		■				■			■		■	■		■
Fancy Yellow (0664 TCF™)				■						■		■				■			■		■	■		■
Frosty Mint (0677 TCF™)				■						■		■				■			■		■	■		■
Green (0669 TCF™)				■						■		■				■			■		■	■		■
Greyish Blue (0658 TCF™)				■						■		■				■			■		■	■		■
Mint (0660 TCF™)				■						■		■				■			■		■	■		■
Orangy Yellow (0662 TCF™)				■						■		■				■			■		■	■		■
Purplish Pink (0678 TCF™)				■						■		■				■			■		■	■		■
Rainbow Blue (0686 TCF™)				■						■		■				■			■		■	■		■
Red (0668 TCF™)				■						■		■				■			■		■	■		■
Red Dark (0672 TCF™)				■						■		■				■			■		■	■		■
Silk White (0696 TCF™)				■						■		■				■			■		■	■		■
Spring Green (0681 TCF™)				■						■		■				■			■		■	■		■

◆ Core Assortment

Square Princess Pure Brilliance



Size	1.5 mm	2.0 mm	2.5 mm	2.75 mm	3.0 mm	3.5 mm	4.0 mm	5.0 mm	6.0 mm	7.0 mm
Zirconia Colors										
Zirconia Rough Colors										
White (0031)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zirconia TCF™ Colors										
Amber (0666 TCF™)	■	■	■		■		■	■	■	■
Aquamarine (0692 TCF™)	■	■	■		■		■	■	■	■
Arctic Blue (0659 TCF™)	■	■	■		■		■	■	■	■
Caramel (0670 TCF™)	■	■	■		■		■	■	■	■
Fancy Blue (0653 TCF™)	■	■	■		■		■	■	■	■
Fancy Champagne-gold tone (0673 TCF™)	■	■	■		■		■	■	■	■
Fancy Green (0663 TCF™)	■	■	■		■		■	■	■	■
Fancy Light Blue (0652 TCF™)	■	■	■		■		■	■	■	■
Fancy Light Green (0679 TCF™)	■	■	■		■		■	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■		■		■	■	■	■
Fancy Pink (0667 TCF™)	■	■	■		■		■	■	■	■
Fancy Purple (0649 TCF™)	■	■	■		■		■	■	■	■
Fancy Yellow (0664 TCF™)	■	■	■		■		■	■	■	■
Frosty Mint (0677 TCF™)	■	■	■		■		■	■	■	■
Green (0669 TCF™)	■	■	■		■		■	■	■	■
Greyish Blue (0658 TCF™)	■	■	■		■		■	■	■	■
Mint (0660 TCF™)	■	■	■		■		■	■	■	■
Orangy Yellow (0662 TCF™)	■	■	■		■		■	■	■	■
Purplish Pink (0678 TCF™)	■	■	■		■		■	■	■	■
Rainbow Blue (0686 TCF™)	■	■	■		■		■	■	■	■
Red (0668 TCF™)	■	■	■		■		■	■	■	■
Red Dark (0672 TCF™)	■	■	■		■		■	■	■	■
Silk White (0696 TCF™)	■	■	■		■		■	■	■	■
Spring Green (0681 TCF™)	■	■	■		■		■	■	■	■

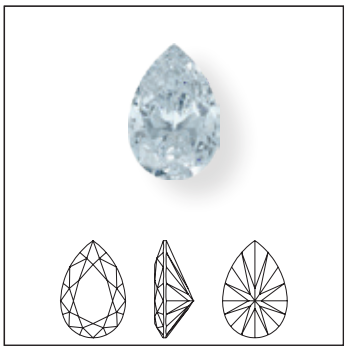
◆ Core Assortment

Marquise Pure Brilliance

Size	3x1.5 mm	4x2 mm	5x2.5 mm	6x3 mm	7x3.5 mm	8x4 mm
Zirconia Colors						
Zirconia Rough Colors						
White (0031)	◆	◆	◆	◆	◆	◆
Zirconia TCF™ Colors						
Amber (0666 TCF™)	■	■	■	■	■	■
Aquamarine (0692 TCF™)	■	■	■	■	■	■
Arctic Blue (0659 TCF™)	■	■	■	■	■	■
Caramel (0670 TCF™)	■	■	■	■	■	■
Fancy Blue (0653 TCF™)	■	■	■	■	■	■
Fancy Champagne-gold tone (0673 TCF™)	■	■	■	■	■	■
Fancy Green (0663 TCF™)	■	■	■	■	■	■
Fancy Light Blue (0652 TCF™)	■	■	■	■	■	■
Fancy Light Green (0679 TCF™)	■	■	■	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■	■	■	■
Fancy Pink (0667 TCF™)	■	■	■	■	■	■
Fancy Purple (0649 TCF™)	■	■	■	■	■	■
Fancy Yellow (0664 TCF™)	■	■	■	■	■	■
Frosty Mint (0677 TCF™)	■	■	■	■	■	■
Green (0669 TCF™)	■	■	■	■	■	■
Greyish Blue (0658 TCF™)	■	■	■	■	■	■
Mint (0660 TCF™)	■	■	■	■	■	■
Orangy Yellow (0662 TCF™)	■	■	■	■	■	■
Purplish Pink (0678 TCF™)	■	■	■	■	■	■
Rainbow Blue (0686 TCF™)	■	■	■	■	■	■
Red (0668 TCF™)	■	■	■	■	■	■
Red Dark (0672 TCF™)	■	■	■	■	■	■
Silk White (0696 TCF™)	■	■	■	■	■	■
Spring Green (0681 TCF™)	■	■	■	■	■	■

◆ Core Assortment

Pear Pure Brilliance



Size	3x2 mm	5x3 mm	6x4 mm	7x5 mm	8x5 mm
Zirconia Colors					
Zirconia Rough Colors					
White (0031)	◆	◆	◆	◆	◆
Zirconia TCF™ Colors					
Amber (0666 TCF™)	■	■	■	■	■
Aquamarine (0692 TCF™)	■	■	■	■	■
Arctic Blue (0659 TCF™)	■	■	■	■	■
Caramel (0670 TCF™)	■	■	■	■	■
Fancy Blue (0653 TCF™)	■	■	■	■	■
Fancy Champagne-gold tone (0673 TCF™)	■	■	■	■	■
Fancy Green (0663 TCF™)	■	■	■	■	■
Fancy Light Blue (0652 TCF™)	■	■	■	■	■
Fancy Light Green (0679 TCF™)	■	■	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■	■	■
Fancy Pink (0667 TCF™)	■	■	■	■	■
Fancy Purple (0649 TCF™)	■	■	■	■	■
Fancy Yellow (0664 TCF™)	■	■	■	■	■
Frosty Mint (0677 TCF™)	■	■	■	■	■
Green (0669 TCF™)	■	■	■	■	■
Greyish Blue (0658 TCF™)	■	■	■	■	■
Mint (0660 TCF™)	■	■	■	■	■
Orangy Yellow (0662 TCF™)	■	■	■	■	■
Purplish Pink (0678 TCF™)	■	■	■	■	■
Rainbow Blue (0686 TCF™)	■	■	■	■	■
Red (0668 TCF™)	■	■	■	■	■
Red Dark (0672 TCF™)	■	■	■	■	■
Silk White (0696 TCF™)	■	■	■	■	■
Spring Green (0681 TCF™)	■	■	■	■	■

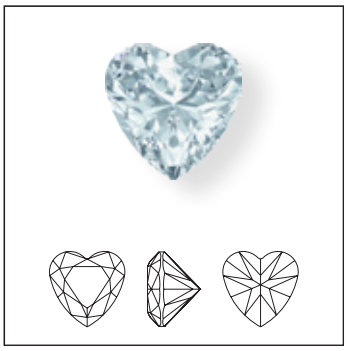
◆ Core Assortment

Oval Pure Brilliance

Size	3x2 mm	5x3 mm	6x4 mm	7x5 mm	8x6 mm
Zirconia Colors					
Zirconia Rough Colors					
White (0031)	◆	◆	◆	◆	◆
Zirconia TCF™ Colors					
Amber (0666 TCF™)	■	■	■	■	■
Aquamarine (0692 TCF™)	■	■	■	■	■
Arctic Blue (0659 TCF™)	■	■	■	■	■
Caramel (0670 TCF™)	■	■	■	■	■
Fancy Blue (0653 TCF™)	■	■	■	■	■
Fancy Champagne-gold tone (0673 TCF™)	■	■	■	■	■
Fancy Green (0663 TCF™)	■	■	■	■	■
Fancy Light Blue (0652 TCF™)	■	■	■	■	■
Fancy Light Green (0679 TCF™)	■	■	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■	■	■
Fancy Pink (0667 TCF™)	■	■	■	■	■
Fancy Purple (0649 TCF™)	■	■	■	■	■
Fancy Yellow (0664 TCF™)	■	■	■	■	■
Frosty Mint (0677 TCF™)	■	■	■	■	■
Green (0669 TCF™)	■	■	■	■	■
Greyish Blue (0658 TCF™)	■	■	■	■	■
Mint (0660 TCF™)	■	■	■	■	■
Orangy Yellow (0662 TCF™)	■	■	■	■	■
Purplish Pink (0678 TCF™)	■	■	■	■	■
Rainbow Blue (0686 TCF™)	■	■	■	■	■
Red (0668 TCF™)	■	■	■	■	■
Red Dark (0672 TCF™)	■	■	■	■	■
Silk White (0696 TCF™)	■	■	■	■	■
Spring Green (0681 TCF™)	■	■	■	■	■

◆ Core Assortment

Heart

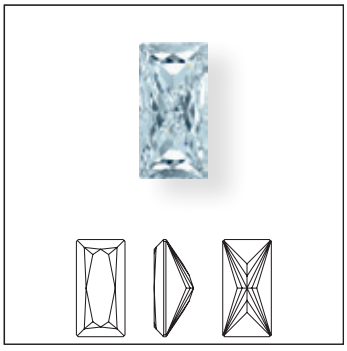


Size	3x3 mm	4x4 mm	5x5 mm	6x6 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆
Zirconia TCF™ Colors				
Fancy Pink (0667 TCF™)	■	■	■	■
Red (0668 TCF™)	■	■	■	■
Red Dark (0672 TCF™)	■	■	■	■

Cushion Princess

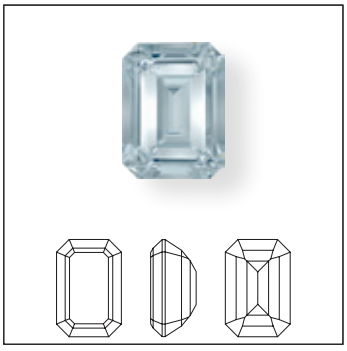
Size	4x4 mm	5x5 mm	6x6 mm	7x7 mm	8x8 mm
Zirconia Colors					
Zirconia Rough Colors					
White (0031)	◆	◆	◆	◆	◆
Zirconia TCF™ Vibrant Colors					
Vibrant Purple - Aqua (4008 TCF™)		■	■	■	
Vibrant Red - Orangy Yellow (4004 TCF™)		■	■	■	
Vibrant Spring Green - White (4010 TCF™)		■	■	■	

Baguette Princess Pure Brilliance



Size	3x2 mm	4x2 mm	5x2.5 mm	6x3 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆

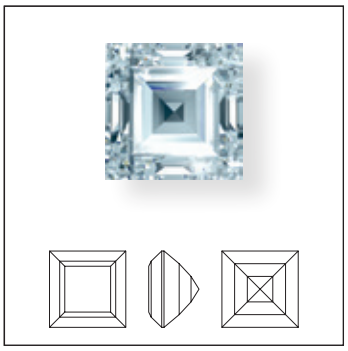
Octagon Step



Size	5x3 mm	6x4 mm	7x5 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

◆ Core Assortment

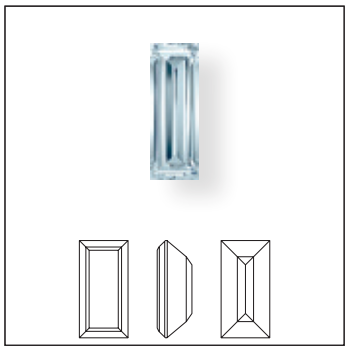
Square Step



Size	Zirconia Colors	Zirconia Rough Colors
2.0 mm	◆	◆
2.5 mm	◆	◆
3.0 mm	◆	◆
4.0 mm	◆	◆

White (0031)

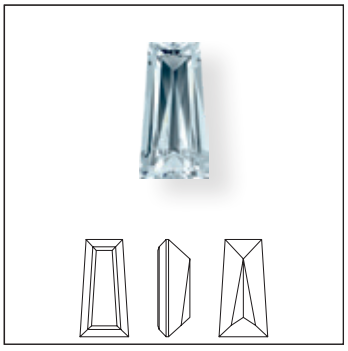
Baguette Step



Size	Zirconia Colors	Zirconia Rough Colors
3x2 mm	◆	◆
4x2 mm	◆	◆
5x2.5 mm	◆	◆
6x3 mm	◆	◆

White (0031)

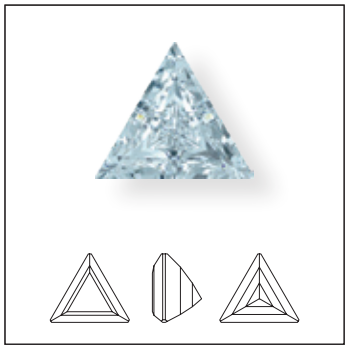
Tapered Baguette Step



Size	Zirconia Colors	Zirconia Rough Colors
2.5x1.5x1 mm	◆	◆
2.5x2x1.5 mm	◆	◆
3x2x1 mm	◆	◆
3x2.5x1.5 mm	◆	◆
3.5x1.5x1 mm	◆	◆
3.5x2.5x1.5 mm	◆	◆
4x2x1.5 mm	◆	◆

White (0031)

Triangle Cut Corner



Size	Zirconia Colors	Zirconia Rough Colors
3 mm	◆	◆
4 mm	◆	◆
5 mm	◆	◆
6 mm	◆	◆

White (0031)

◆ Core Assortment

Product Details

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Round Pure Brilliance		
0.7 mm	1,000	0.057
0.8 mm	1,000	0.086
0.9 mm	1,000	0.118
1 mm	1,000	0.158
1.1 mm	1,000	0.210
1.2 mm	1,000	0.272
1.25 mm	1,000	0.307
1.3 mm	1,000	0.346
1.4 mm	1,000	0.432
1.5 mm	1,000	0.540
1.6 mm	1,000	0.643
1.7 mm	1,000	0.758
1.75 mm	1,000	0.821
1.8 mm	1,000	0.887
1.9 mm	1,000	1.028
2 mm	500	1.185
2.1 mm	500	1.372
2.2 mm	500	1.577
2.25 mm	500	1.687
2.3 mm	500	1.802
2.4 mm	500	2.047
2.5 mm	500	2.315
2.6 mm	500	2.603
2.7 mm	200	2.915
2.75 mm	200	3.080
2.8 mm	200	3.252
2.9 mm	200	3.613
3 mm	200	3.999
3.1 mm	200	4.390
3.2 mm	200	4.797
3.25 mm	140	5.011
3.3 mm	140	5.230
3.4 mm	140	5.688
3.5 mm	140	6.171
3.75 mm	140	7.497
4 mm	80	8.999
4.25 mm	80	10.690
4.5 mm	80	12.579
4.75 mm	80	14.678
5 mm	80	16.998
5.25 mm	60	19.550
5.5 mm	60	22.344
5.75 mm	60	25.392
6 mm	60	28.705
6.25 mm	60	32.294
6.5 mm	60	36.169
7 mm	35	44.826
7.5 mm	35	54.761
8 mm	35	66.065

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Square Princess Pure Brilliance		
1.5 mm	200	0.977
2 mm	200	1.710
2.5 mm	200	3.339
2.75 mm	100	4.444
3 mm	100	5.770
3.5 mm	140	9.163
4 mm	80	13.677
5 mm	60	25.977
6 mm	35	44.039
7 mm	35	69.933
Marquise Pure Brilliance		
3x1.5 mm	100	0.941
4x2 mm	100	2.230
5x2.5 mm	100	4.356
6x3 mm	70	7.527
7x3.5 mm	60	11.246
8x4 mm	60	16.787
Pear Pure Brilliance		
3x2 mm	100	1.617
5x3 mm	80	6.103
6x4 mm	70	12.311
7x5 mm	40	20.736
8x5 mm	40	26.686
Oval Pure Brilliance		
3x2 mm	100	1.593
5x3 mm	80	6.652
6x4 mm	70	12.740
7x5 mm	40	22.514
8x6 mm	40	40.837
Heart		
3x3 mm	200	3.856
4x4 mm	80	8.246
5x5 mm	80	16.106
6x6 mm	60	27.832
Cushion Princess		
4x4 mm	80	11.946
5x5 mm	60	23.331
6x6 mm	35	40.316
7x7 mm	35	64.021
8x8 mm	35	95.564
Baguette Princess Pure Brilliance		
3x2 mm	200	2.824
4x2 mm	100	3.766
5x2.5 mm	100	7.356
6x3 mm	70	12.710

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Octagon Step		
5x3 mm	80	10.492
6x4 mm	70	21.943
7x5 mm	40	38.427
Square Step		
2 mm	200	1.587
2.5 mm	200	3.099
3 mm	100	5.355
4 mm	80	12.703
Baguette Step		
3x2 mm	200	2.748
4x2 mm	100	3.830
5x2.5 mm	100	7.479
6x3 mm	70	12.924
Tapered Baguette Step		
2.5x1.5x1 mm	200	1.024
2.5x2x1.5 mm	200	1.765
3x2x1 mm	200	1.768
3x2.5x1.5 mm	200	3.097
3.5x1.5x1 mm	200	1.508
3.5x2.5x1.5 mm	100	3.754
4x2x1.5 mm	100	3.089
Triangle Cut Corner		
3 mm	140	1.583
4 mm	80	3.754
5 mm	80	7.199
6 mm	60	12.029

Classic Cuts with a Twist

Summary

1 2 3

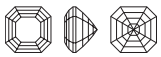
Daniel's #125
5x3, 6x4, 7x5 mm

Celebration Cushion 125 Facets
5x5, 6x6, 7x7 mm

Round 88 Facets
4, 4.5, 5, 6, 6.5, 7, 8 mm

Round 120 Facets
3, 4, 5, 6, 6.5, 7, 8 mm

Antique Cushion Checkerboard
3x3, 4x4, 5x5, 6x6 mm



Octagon Imperial Mosaic
3, 4, 5, 6 mm

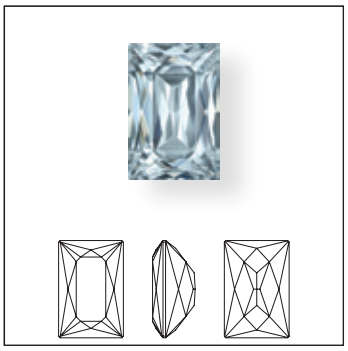
Barrel
4x3, 6x4.5, 8x6 mm

Octagon Sun
3, 4, 5, 6 mm

Droplet
4.5x3, 6x4, 8x5 mm

1 Top view 2 Side view 3 Back view

Daniel's #125



Size	5x3 mm	6x4 mm	7x5 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Celebration Cushion 125 Facets

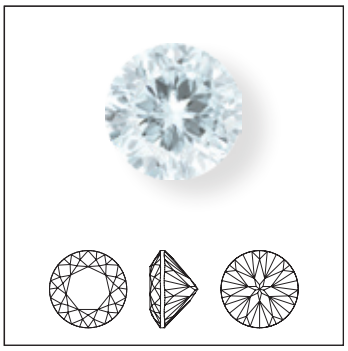
Size	5x5 mm	6x6 mm	7x7 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Round 88 Facets

Size	4 mm	4.5 mm	5 mm	6 mm	6.5 mm	7 mm	8 mm
Zirconia Colors							
Zirconia Rough Colors							
White (0031)	◆	◆	◆	◆	◆	◆	◆

◆ Core Assortment

Round 120 Facets



Size	3 mm	4 mm	5 mm	6 mm	6.5 mm	7 mm	8 mm
Zirconia Colors							
Zirconia Rough Colors							
White (0031)	◆	◆	◆	◆	◆	◆	◆

Antique Cushion Checkerboard

Size	3x3 mm	4x4 mm	5x5 mm	6x6 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆

◆ Core Assortment

Octagon Imperial Mosaic

Size	3 mm	4 mm	5 mm	6 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆

Barrel

Size	4x3 mm	6x4.5 mm	8x6 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Octagon Sun

Size	3 mm	4 mm	5 mm	6 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆

Droplet

Size	4.5x3 mm	6x4 mm	8x5 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆
Zirconia TCF™ Colors			
Aquamarine (0692 TCF™)	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■
Orangy Yellow (0662 TCF™)	■	■	■

◆ Core Assortment

Product Details

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Daniel's #125		
5x3 mm	80	12.191
6x4 mm	70	19.529
7x5 mm	40	34.936
Celebration Cushion 125 Facets		
5x5 mm	60	24.839
6x6 mm	35	42.750
7x7 mm	35	68.318
Round 88 Facets		
4 mm	80	9.071
4.5 mm	80	12.915
5 mm	80	17.329
6 mm	60	29.212
6.5 mm	60	37.140
7 mm	35	45.478
8 mm	35	66.632
Round 120 Facets		
3 mm	200	3.731
4 mm	80	8.811
5 mm	80	17.209
6 mm	60	29.847
6.5 mm	60	37.809
7 mm	35	47.223
8 mm	35	70.490
Antique Cushion Checkerboard		
3x3 mm	100	4.610
4x4 mm	80	10.928
5x5 mm	60	21.344
6x6 mm	35	35.711
Octagon Imperial Mosaic		
3 mm	100	5.417
4 mm	80	12.834
5 mm	60	25.067
6 mm	35	40.871
Barrel		
4x3 mm	100	7.033
6x4.5 mm	70	23.742
8x6 mm	40	56.274
Octagon Sun		
3 mm	100	5.417
4 mm	80	12.834
5 mm	60	25.067
6 mm	35	40.871
Droplet		
4.5x3 mm	80	5.658
6x4 mm	70	12.997
8x5 mm	40	25.566

Experimental Cuts

Summary

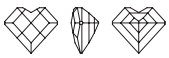
1 2 3

Side View
5x4, 6.25x5, 7.5x6 mm

Bloom
3x3, 4x4, 5x5 mm

Grandiose
5x3, 6x3.75, 8x5 mm

Leaf
3, 4, 5, 6 mm



Pop Heart
4x3.5, 5x4.3, 6x5.2 mm

Bizarre Square
5, 6, 7 mm

Pentagon Star
3x3, 4x4, 5x5, 6x6,
7x7 mm

Round Rosebush
4, 5, 6, 7 mm

1 Top view 2 Side view 3 Back view

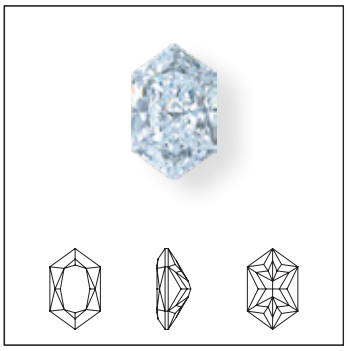
Side View

Size	5x4 mm	6.25x5 mm	7.5x6 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Bloom

Size	3x3 mm	4x4 mm	5x5 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Grandiose



Size	5x3 mm	6x3.75 mm	8x5 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆

Leaf

Size	3x3 mm	4x4 mm	5x5 mm	6x6 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆

◆ Core Assortment

Pop Heart

Size	4x3.5 mm	5x4.3 mm	6x5.2 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆
Zirconia TCF™ Colors			
Aquamarine (0692 TCF™)	■	■	■
Fancy Morganite (0682 TCF™)	■	■	■
Red Dark (0672 TCF™)	■	■	■

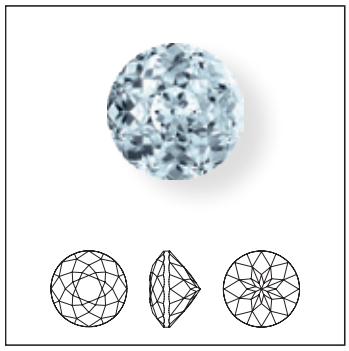
Bizzare Square

Size	5 mm	6 mm	7 mm
Zirconia Colors			
Zirconia Rough Colors			
White (0031)	◆	◆	◆
Zirconia TCF™ Vibrant Colors			
Vibrant Purple - Aqua (4008 TCF™)	■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)	■	■	■
Vibrant Spring Green - White (4010 TCF™)	■	■	■

Pentagon Star

Size	3x3 mm	4x4 mm	5x5 mm	6x6 mm	7x7 mm
Zirconia Colors					
Zirconia Rough Colors					
White (0031)	◆	◆	◆	◆	◆
Zirconia TCF™ Vibrant Colors					
Vibrant Purple - Aqua (4008 TCF™)			■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)			■	■	■
Vibrant Spring Green - White (4010 TCF™)			■	■	■

Round Rosebush



Size	4 mm	5 mm	6 mm	7 mm
Zirconia Colors				
Zirconia Rough Colors				
White (0031)	◆	◆	◆	◆
Zirconia TCF™ Vibrant Colors				
Vibrant Purple - Aqua (4008 TCF™)		■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)		■	■	■
Vibrant Spring Green - White (4010 TCF™)		■	■	■

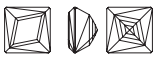
Product Details

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Side View		
5x4 mm	60	7.936
6.25x5 mm	60	14.986
7.5x6 mm	35	26.779
Bloom		
3x3 mm	100	3.434
4x4 mm	80	8.664
5x5 mm	60	15.944
Grandiose		
5x3 mm	80	7.216
6x3.75 mm	70	13.275
8x5 mm	40	31.01
Leaf		
3 mm	200	3.369
4 mm	80	7.503
5 mm	80	14.654
6 mm	60	24.654
Pop Heart		
4x3.5 mm	80	5.185
5x4.3 mm	80	17.312
6x5.2 mm	60	27.831
Bizarre Square		
5 mm	60	25.977
6 mm	35	42.317
7 mm	35	67.198
Pentagon Star		
3x3 mm	200	3.535
4x4 mm	80	8.379
5x5 mm	80	17.864
6x6 mm	60	30.868
7x7 mm	35	42.891
Round Rosebush		
4 mm	80	9.501
5 mm	80	17.908
6 mm	60	30.946
7 mm	35	44.826

Vibrance Family

Summary

1 2 3



Bizarre Square
5, 6, 7 mm

Pentagon Star
5x5, 6x6, 7x7 mm

Round Rosebush
5, 6, 7 mm

Cushion Princess
5x5, 6x6, 7x7 mm

1 Top view 2 Side view 3 Back view

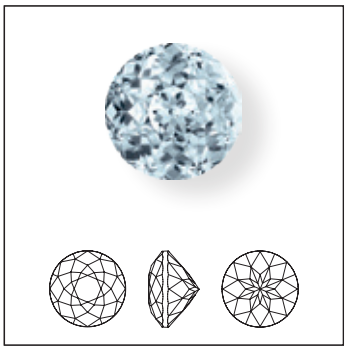
Bizzare Square

Size	5 mm	6 mm	7 mm
Zirconia Colors			
Zirconia TCF™ Vibrant Colors			
Vibrant Purple - Aqua (4008 TCF™)	■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)	■	■	■
Vibrant Spring Green - White (4010 TCF™)	■	■	■

Pentagon Star

Size	5x5 mm	6x6 mm	7x7 mm
Zirconia Colors			
Zirconia TCF™ Vibrant Colors			
Vibrant Purple - Aqua (4008 TCF™)	■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)	■	■	■
Vibrant Spring Green - White (4010 TCF™)	■	■	■

Round Rosebush



Size	5 mm	6 mm	7 mm
Zirconia Colors			
Zirconia TCF™ Vibrant Colors			
Vibrant Purple - Aqua (4008 TCF™)	■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)	■	■	■
Vibrant Spring Green - White (4010 TCF™)	■	■	■

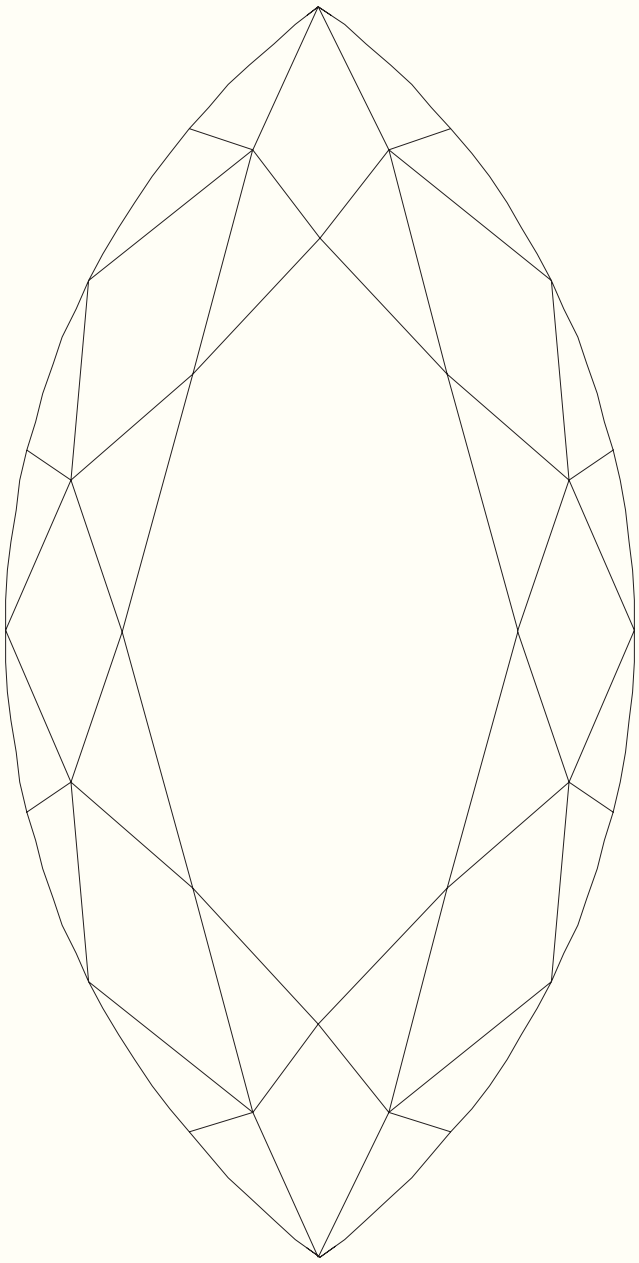
Cushion Princess

Size	5x5 mm	6x6 mm	7x7 mm
Zirconia Colors			
Zirconia TCF™ Vibrant Colors			
Vibrant Purple - Aqua (4008 TCF™)	■	■	■
Vibrant Red - Orangy Yellow (4004 TCF™)	■	■	■
Vibrant Spring Green - White (4010 TCF™)	■	■	■

Product Details

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Bizarre Square		
5 mm	60	25.977
6 mm	35	42.317
7 mm	35	67.198
Pentagon Star		
5x5 mm	80	17.864
6x6 mm	60	30.868
7x7 mm	35	42.891
Round Rosebush		
5 mm	80	17.908
6 mm	60	30.946
7 mm	35	44.826
Cushion Princess		
5x5 mm	60	23.331
6x6 mm	35	40.316
7x7 mm	35	64.021

Swarovski Ceramics Collection



2021

Basic Information

What is Ceramics?

Swarovski's imagination has given shape to a unique, contemporary material: our patented glass-ceramic creation. Swarovski Ceramics is a high-tech material, castable and great for a variety of astonishing cuts & colors that are not possible in zirconia. Traditionally ceramics are opaque, but the Swarovski USP lies in our recipe of transparent materials clarity, perfection. It combines the best of ceramic – texture, durability, elegance – with the finest qualities of zirconia – brilliance, versatility, glamour.

COMPARATIVE ANALYSIS

To demonstrate the supreme optical quality of ceramic, the following table compares our material with their complimentary counterparts.

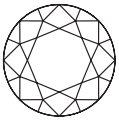
Material	Zirconia	Corundum (Sapphire)	Swarovski Ceramics
Refractive index (If high: high light return)	2.2	1.76	1.65
Hardness (Mohs) (resistance to scratches and abrasion)	8.5	9.0	7.0
Dispersion (fire)	0.065	0.011	0.015
Specific Gravity (influences carat weight)	5.6	3.99	3.1
Castable	Yes	Yes	Yes
Reaction to heat	sensitive to quick temperature changes	may cause loss of color	May change color >950°C and long exposure
Stability to light	stable	stable	stable
Reaction to chemicals used in jewelry manufacturing	none	none	Not stable in HF (HF = Hydrofluoric Acid)

PASSION FOR THE MATERIAL

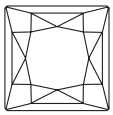
- Swarovski own recipe
- Millennial/contemporary material
- Young, vibrant, playful
- Castable
- The available colors that are not possible in zirconia
- Traditionally ceramics are opaque
- Swarovski USP is in transparent materials clarity, perfection
- Patented cut for round stones to provide more brilliance
- The creation of a new material by Swarovski

PASSION FOR SHAPES

Ceramic is a high-tech material, great for a variety of astonishing cuts.



Round Color Brilliance



Square Princess Color Brilliance

Marquise Color Brilliance

Pear Color Brilliance

Oval Color Brilliance

THE PERFECT CUT

Round Color Brilliance

- Exceptional in fire and brilliance
- „Color Brilliance“ offers significantly more brilliance than competitor product
- More reflection in color
- Designed to bring out the best in the reflection of color
- 360 Brilliance – does not matter how you look at the stone, brilliance can be found in every angle
- Supports the 3 Dimensionality of the jewelry

SWAROVSKI CERAMICS COLORS


Morganite Pink


Dusty Morganite


Peridot Green


Paradise Green


Emerald Green


Canary Yellow


Sunrise Yellow


London Blue


Sapphire Blue Dark


Black

Summary

1 2 3

Round Color Brilliance
1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 6, 6.5, 7, 8 mm

Square Princess Color Brilliance
1.5, 2, 2.5, 3, 4, 5, 6 mm

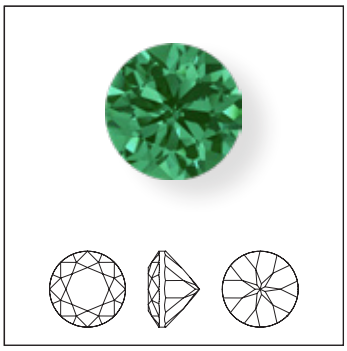
Marquise Color Brilliance
3x1.5, 4x2, 5x2.5, 6x3, 7x3.5 mm

Pear Color Brilliance
3x2, 5x3, 6x4, 8x5 mm

Oval Color Brilliance
3x2, 5x3, 6x4, 7x5, 8x6 mm

1 Top view 2 Side view 3 Back view

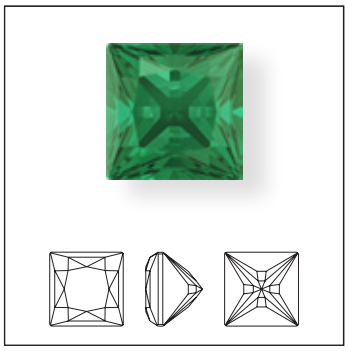
Round Color Brilliance



Size	1 mm	1.25 mm	1.5 mm	1.75 mm	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm
Ceramics Colors												
Ceramics Rough Colors												
Black (3327)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Canary Yellow (3215)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dusty Morganite (3319)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Emerald Green (3203)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
London Blue (3221)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Morganite Pink (3213)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Paradise Green (3212)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Peridot Green (3211)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sapphire Blue Dark (3200)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sunrise Yellow (3230)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

◆ Core Assortment

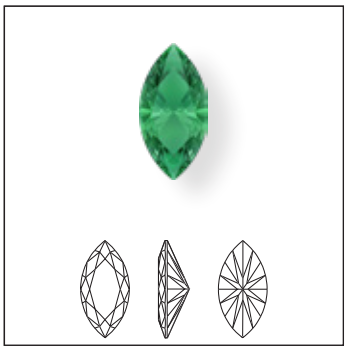
Square Princess Color Brilliance



Size	1.5 mm	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm
Ceramics Colors							
Ceramics Rough Colors							
Black (3327)	◆	◆	◆	◆	◆	◆	◆
Canary Yellow (3215)	◆	◆	◆	◆	◆	◆	◆
Dusty Morganite (3319)	◆	◆	◆	◆	◆	◆	◆
Emerald Green (3203)	◆	◆	◆	◆	◆	◆	◆
London Blue (3221)	◆	◆	◆	◆	◆	◆	◆
Morganite Pink (3213)	◆	◆	◆	◆	◆	◆	◆
Paradise Green (3212)	◆	◆	◆	◆	◆	◆	◆
Peridot Green (3211)	◆	◆	◆	◆	◆	◆	◆
Sapphire Blue Dark (3200)	◆	◆	◆	◆	◆	◆	◆
Sunrise Yellow (3230)	◆	◆	◆	◆	◆	◆	◆

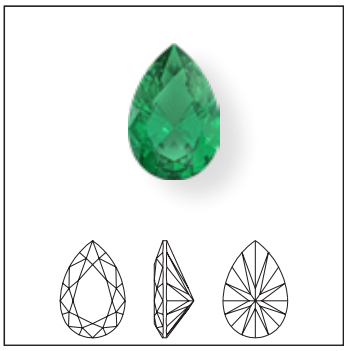
◆ Core Assortment

Marquise Color Brilliance



Size	3x1.5 mm	4x2 mm	5x2.5 mm	6x3 mm	7x3.5 mm
Ceramics Colors					
Ceramics Rough Colors					
Black (3327)	◆	◆	◆	◆	◆
Canary Yellow (3215)	◆	◆	◆	◆	◆
Dusty Morganite (3319)	◆	◆	◆	◆	◆
Emerald Green (3203)	◆	◆	◆	◆	◆
London Blue (3221)	◆	◆	◆	◆	◆
Morganite Pink (3213)	◆	◆	◆	◆	◆
Paradise Green (3212)	◆	◆	◆	◆	◆
Peridot Green (3211)	◆	◆	◆	◆	◆
Sapphire Blue Dark (3200)	◆	◆	◆	◆	◆
Sunrise Yellow (3230)	◆	◆	◆	◆	◆

Pear Color Brilliance



Size	3x2 mm	5x3 mm	6x4 mm	8x5 mm
Ceramics Colors				
Ceramics Rough Colors				
Black (3327)	◆	◆	◆	◆
Canary Yellow (3215)	◆	◆	◆	◆
Dusty Morganite (3319)	◆	◆	◆	◆
Emerald Green (3203)	◆	◆	◆	◆
London Blue (3221)	◆	◆	◆	◆
Morganite Pink (3213)	◆	◆	◆	◆
Paradise Green (3212)	◆	◆	◆	◆
Peridot Green (3211)	◆	◆	◆	◆
Sapphire Blue Dark (3200)	◆	◆	◆	◆
Sunrise Yellow (3230)	◆	◆	◆	◆

◆ Core Assortment

Oval Color Brilliance

Size	3x2 mm	5x3 mm	6x4 mm	7x5 mm	8x6 mm
Ceramics Colors					
Ceramics Rough Colors					
Black (3327)	◆	◆	◆	◆	◆
Canary Yellow (3215)	◆	◆	◆	◆	◆
Dusty Morganite (3319)	◆	◆	◆	◆	◆
Emerald Green (3203)	◆	◆	◆	◆	◆
London Blue (3221)	◆	◆	◆	◆	◆
Morganite Pink (3213)	◆	◆	◆	◆	◆
Paradise Green (3212)	◆	◆	◆	◆	◆
Peridot Green (3211)	◆	◆	◆	◆	◆
Sapphire Blue Dark (3200)	◆	◆	◆	◆	◆
Sunrise Yellow (3230)	◆	◆	◆	◆	◆

◆ Core Assortment

Product Details

Article Size	Packaging Quantity (pcs)	Approx. Weight (grams/100 pcs)
Round Color Brilliance		
1 mm	1,000	0.085
1.25 mm	1,000	0.167
1.5 mm	1,000	0.296
1.75 mm	1,000	0.445
2 mm	500	0.661
2.5 mm	500	1.255
3 mm	200	2.227
4 mm	80	5.014
5 mm	80	9.219
6 mm	60	16.082
6.5 mm	60	20.194
7 mm	35	24.312
8 mm	35	35.832
Square Princess Color Brilliance		
1.5 mm	200	0.296
2 mm	200	0.661
2 mm	200	1.255
3 mm	100	2.227
4 mm	80	5.014
5 mm	60	9.219
6 mm	35	16.082
Marquise Color Brilliance		
3x1.5 mm	100	0.510
4x2 mm	100	1.210
5x2.5 mm	100	2.363
6x3 mm	70	4.083
7x3.5 mm	60	6.100
Pear Color Brilliance		
3x2 mm	100	0.877
5x3 mm	80	3.310
6x4 mm	70	25.480
8x5 mm	40	14.474
Oval Color Brilliance		
3x2 mm	100	0.864
5x3 mm	80	3.608
6x4 mm	70	6.910
7x5 mm	40	12.211
8x6 mm	40	22.149


TURNING
DREAMS
INTO
REALITY

Application Methods

Swarovski Created Stones allow you to stand out from competitors and create significant added value for your products. We offer this practical introduction to created stone setting as a tool to identify the application methods most relevant to your business, complete with illustrations to inspire you to bejewel your products with Swarovski Created Stones.

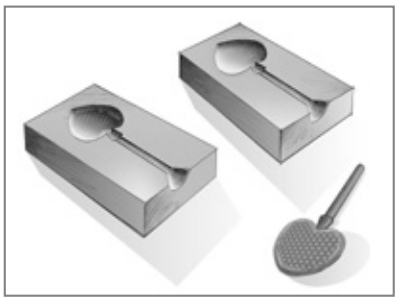
Casting in place / Lost wax casting

This technique is the standard method for setting stones in the fine jewelry industry. It is ideal for stone-intensive designs and metals like brass, silver, gold, along with other metals with a low melting points. Casting of stainless steel is not possible.

Mostly stones up to 3 mm can be cast in place and works best with round stones, rather than fancy shapes, as they are difficult to set properly.

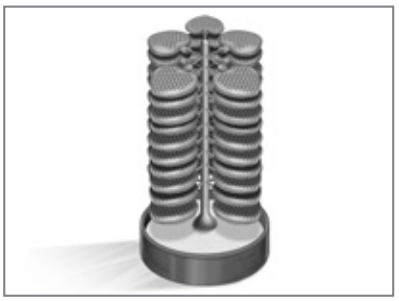
Recommended for :
- Stone intensive designs
- Jewelry-like components
- Brass, silver, gold and other metals with low to medium melting point

Advantages :
- High quality
- Many design possibilities

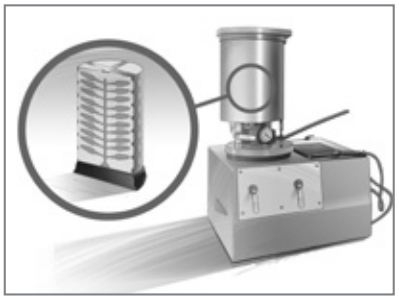


1 Liquid wax is injected into a rubber mold to create a wax model. Duplicates of the wax model are made from the same mold.

2 A vacuum needle is then used to mount stones by hand onto each of the wax models.



3 All the wax models are soldered on the so-called wax tree.



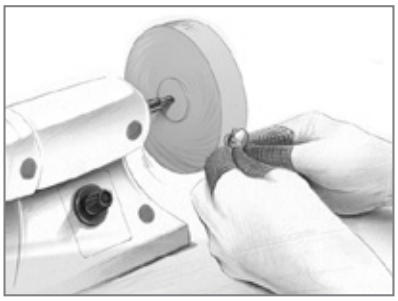
4 The wax tree is placed in a crucible. A machine is then used to inject investment, usually plaster, into the space surrounding the wax tree.

5 The crucible is heated in an oven, the burn out furnace, to melt and 'burn out' the wax. There is now empty space where the wax tree used to be. Only the investment remains.

6 A casting machine next fills the investment with a choice of liquid metal (gold, silver,brass or alloys). By using pressure from above and vacuum from below, the casting machine not only ensures that the metal quickly fills the empty space but also that no air bubbles remain within the newly cast jewelry pieces.

7 After casting, four hours are needed for the crucible to cool down to room temperature. The crucible is then quenched in water, also at room temperature, to dissolve the investment. The remaining metal tree is then jet cleaned with water before it is acid cleaned, for example with a 20% phosphoric acid solution.

8 The casting process is now complete and the individual jewelry pieces can be cut off the metal tree.



9 The individual jewelry pieces can now be finished and polished.

CNC

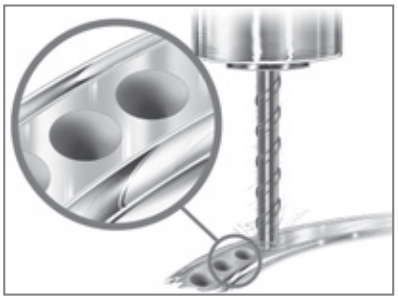
CNC Setting was invented by the watch industry in the late 80`s and is one of the most advanced stone setting methods. The same design can easily be reproduced in high quantities with very high precision.

Recommended for :
- Stone intensive designs
- Stainless steel
- Aluminum
- Brass & Chromium
- Big Volumes

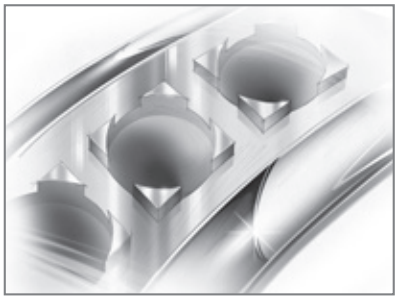
Advantages :
- High quality setting, jewelry-like look
- Very precise dimensions
- Many design possibilities
- Setting can be done on curved surfaces as well

1 A CAD/CAM technical drawing of the stone-set part must be created first.

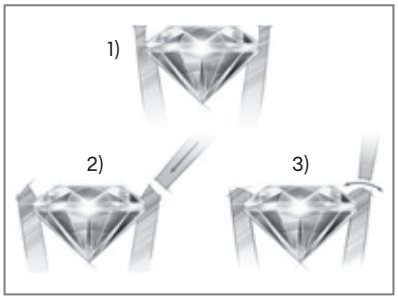
2 The CAD/CAM drawing is used to program the CNC machine.



3 The CNC machine first mills the cavities into the metal part.



4 Next, the prongs are milled out of the metal part.



5 The stone setting is usually done manually in 3 steps:
1) The stone is placed into the cavity.
2) The prongs are bent over the edge of the stone.
3) The prongs are rounded and polished.

6 The manual beading and polishing of the prongs is often done under a microscope.

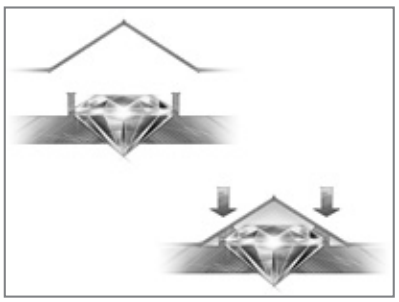
7 The CNC set metal part is now finished.

Bezel Setting

The earliest known technique of attaching stones to jewelry. A bezel setting holds a gemstone securely, and the low, protective profile it creates, makes a bezel setting a good choice for people with active lifestyles. Bezel setting offers better protection of the stone and is ideal for cabochons or faceted stones.

Recommended for :
- Single stones, big stones
- Stainless steel, brass
- Thin metal, low thickness

Advantages :
- Low weight
- Low cost



1 In preparation, a strip of metal is bent into the exact shape and size of the selected stone. After the stone has been inserted into the cavity, a setting tool is used to press the metal strip onto the stone. The metal strip is now bend over the edge of the stone.

2 In the above illustration, you can see exactly how the stone sits in the bezel setting.

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