



ZIRCONIA, NANOgems & GEMSTONES

Product Catalogue



PRECIOSA

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ZIRCONIA, NANO GEMS & GEMSTONES

Product Catalogue

Bohemian *crafted* since 1548.

ISSUED DECEMBER 2017

Tradition

The heritage of hundreds of years of tradition in Jewellery making in Bohemia. The Czech Republic, specifically the region of Bohemia, has been exporting its beautiful crystal creations worldwide for centuries.

Historically synonymous with crystal and Jewellery, it is here that the craftsmanship of components cutting and Jewellery making was perfected.

Quality

We use the highest quality Diamond White Cubic Zirconia Rough. The best possible rough on the market, it means pure, long lasting and stable. The same applies for the other rough that we use.

Preciosa produces stones with absolutely precise cut, geometry and perfect parameters of girdle with stones diameter tolerances ± 0.01 mm and girdle stability ± 0.02 mm. Outstanding fire, brilliance and sparkle are main signs of our goods comparable with diamonds.

Complete assortment is made in the Czech Republic – genuine European cut with using high-tech machinery.

Environment

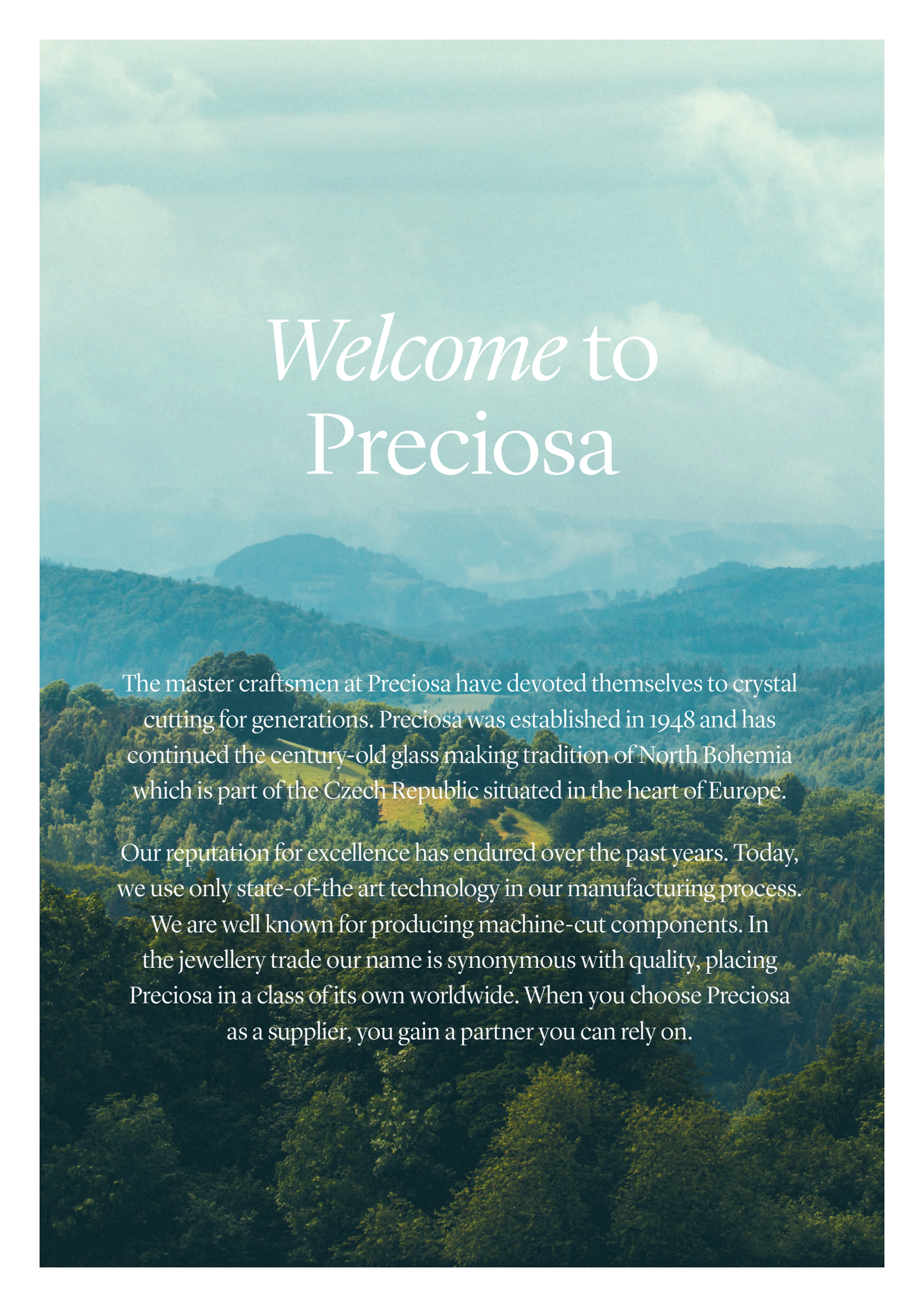
Preciosa is a European company that believes in supporting the preservation of the environment. We strive to ensure safety for those who use our products. We enforce environmentally safe working conditions and utilize ecologically responsible technologies.

Our production is regularly tested by accredited laboratories in order to ensure its compliance with all major standards and legislation.

Social Responsibility

Preciosa supports and integrates responsible business practices including transparency, consumer protection, trademark, industrial and intellectual property rights, and the policy of fair competition.

We are a company that has adopted and integrated policies for the protection of our environment and public health, and we have a comprehensive program which provides public assistance to individuals, groups, as well as the community as a whole.



Welcome to Preciosa

The master craftsmen at Preciosa have devoted themselves to crystal cutting for generations. Preciosa was established in 1948 and has continued the century-old glass making tradition of North Bohemia which is part of the Czech Republic situated in the heart of Europe.

Our reputation for excellence has endured over the past years. Today, we use only state-of-the art technology in our manufacturing process.

We are well known for producing machine-cut components. In the jewellery trade our name is synonymous with quality, placing Preciosa in a class of its own worldwide. When you choose Preciosa as a supplier, you gain a partner you can rely on.

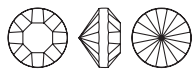


Zirconia, Nanogems & Gemstones

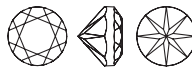
Preciosa Zirconia & Nanogems fine jewelry stones are cut exclusively from synthetic crystals of the highest quality and are virtually indistinguishable from their natural counterparts. Using extremely precise cutting and polishing machines we can guarantee the maximum optical purity of the final product. Our offer includes a wide and an impressive range of colors and cust.

Overview

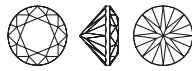
ROUND STONES



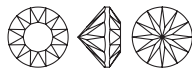
Round Simple Cut



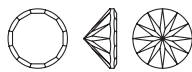
Round Diamond Cut



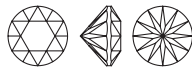
Round Brilliant Cut



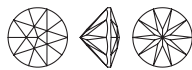
Sunflower Cut



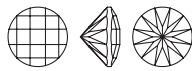
Big Table Cut



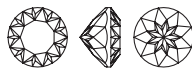
Six Pointed Star Cut



Pentangle Cut



Mango Cut

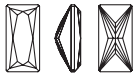


100 Faceted Cut

FANCY STONES



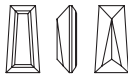
Square Princess Cut



Baguette Princess Cut



Baguette Step Cut



Tapered Baguette Cut



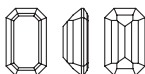
Marquise Diamond Cut



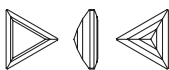
Pear Diamond Cut



Oval Diamond Cut



Octagon Step Cut

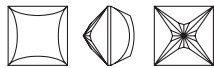


Triangle Step Cut

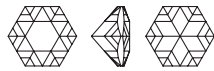


Heart Cut

SPECIAL CUTS



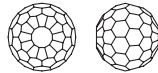
Buff Top Square Cut



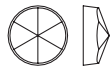
Snowflake Cut



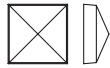
Lotus Cut



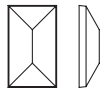
Bead 74 Cut



Marcasite Rose Cut



Marcasite Square Cut



Marcasite Baquette Cut

FLATBACK STONES



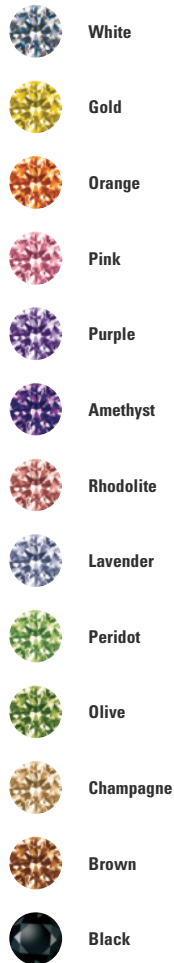
Rose Diamond Cut



Cabochon Cut

Colors

Cubic Zirconia



Nanogems

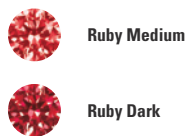


Colors

Synthetic Spinel



Synthetic Corundum



Genuine Gemstones

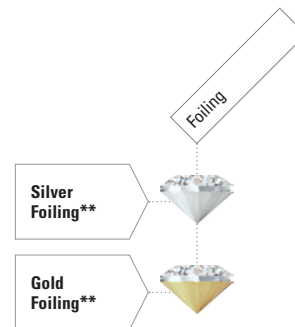


Aventurine



Foiling

Foiling is the application of a reflective layer on the underside of the stone to create maximum brilliance. Foiled stones are perfectly suitable for gluing because they do not lose their optical characteristics.



NOTE: ** Available for all colors and materials

Material Overview

Cubic Zirconia

lost-wax casting

This perfectly structured man-made stone is the best alternative to true diamonds. Free of inclusions, totally transparent and possessing a brighter fire than diamonds. It is available in a variety of attractive colors.

Chemical composition $ZrO_2+Y_2O_3$ | Cubic structure | Hardness 8.5°Mohs | Density 5.9g/cm³ | Refractive index 2.17 | Heat Resistance up to 600 °C / 1,112 °F (Black Cubic Zirconia up to 300 °C / 572 °F)

Nanogems

lost-wax casting

Nanogems completely imitate their gemstone counterparts in color, brightness, hardness and density.

High thermal shock resistance makes this material ideal for use in the lost-wax casting method. It is also resistant to acids, bases and humidity, and its properties will remain stable for a long time.

Chemical composition Al_2O_3 , MgO , TiO_2 , SiO_2 | Glass-ceramic structure | Hardness 7–7.5°Mohs | Density 3–3.5g/cm³ | Refractive index 1.62–1.64 | Heat Resistance up to 1,100 °C / 2,012 °F | Material exclusively manufactured by Formica Co., Ltd. sole producer in the world

Synthetic Spinel

lost-wax casting

Synthetic spinel is produced by the Verneuil method and is most often used as an imitation of spinel. It is an outstanding synthetic material characterised by great hardness, a high refraction index and sharp dispersion of lights.

Chemical composition $MgAl_2O_4$ | Cubic structure | Hardness 8°Mohs | Density 3.6g/cm³ | Refractive index 1.5–1.7 | Heat Resistance up to 1,100 °C / 2,012 °F

Synthetic Corundum

lost-wax casting

This material is primarily valued for its intense color and clarity, especially the bright reds. Corundum is the second hardest material known after diamond.

Our Synthetic Corundum and Spinel are made only from high-quality material.

Chemical composition Al_2O_3 | Trigonal structure | Hardness 9°Mohs | Density 3.9g/cm³ | Refractive index 1.7 | Heat Resistance up to 1,700 °C / 3,092 °F

Genuine Spinel

lost-wax casting

Extremely durable, spinel stones are suitable for all jewellery purposes.

Chemical composition $\text{MgO}(\text{Fe}, \text{Al})_2\text{O}_3$ | Cubic structure | Hardness 7.5–8°Mohs | Density 3.8g/cm³ | Heat Resistance up to 1,200 °C / 2,192 °F

Marcasite

With its unique silvery-black, almost gun-metal appearance, marcasite is an attractive mineral. The stones have a rose cut, allowing the many facets to reflect light and give jewellery its characteristic sparkle.

Chemical composition FeS_2 (pyrite) | Cubic structure | Hardness 6–6.5°Mohs | Density 4.9–5.2g/cm³ | Heat Resistance up to 200 °C

Natural Red Garnet

lost-wax casting

Natural semi-precious stone with very specific properties and characteristics. It is found exclusively in the Czech Republic – does not exist anywhere else in the world in this quality.

Its color is rich red transparent to translucent mineral: shades from fiery to blood red brought out by our perfect cut. Natural Red Garnet has exceptional color stability – optical-aesthetic properties remain stable over time.

Chemical composition $\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3$ / Cubic structure / Hardness 6.5-7.5°Mohs
Refractive index 1.72-1.94 / Heat resistance up to 1.400°C

Aventurine

Aventurine is synthetic stone that completely replicate brightness, color of natural aventurine quartz. The distinguishing feature of Aventurine is the metallic fleck inclusion. It has a stunning and unique appearance and texture.

Not suitable for lost-wax casting.

Aventurine comes in two colors:

Aventurine Blue: Chemical composition $\text{SiO}_2, \text{Na}_2\text{O} + \text{K}_2\text{O} + \text{CaO}, \text{CuO} + \text{SnO} + \text{Fe}_2\text{O}_3 + \text{CoO}$, Hardness 5-6 °Mohs Density 2,58 g/cm³ | Heat Resistance up to 750 °C / 1,382 °F

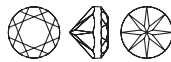
Aventurine Gold: Chemical composition $\text{SiO}_2, \text{Na}_2\text{O} + \text{K}_2\text{O} + \text{CaO}, \text{CuO} + \text{SnO} + \text{Fe}_2\text{O}_3$, Hardness 5-6 °Mohs Density 2,58 g/cm³ | Heat Resistance up to 750 °C / 1,382 °F

Sizes, weight and packaging



Round Simple Cut

Cubic Zirconia					Nanogens			Synthetic Spinel			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			GRAMS			PIECES
0.50	●	○	0,022	4 581	○	0,011	9 009	○	0,013	7 508	1000
0.60	●	○	0,038	2 608	○	0,020	5 128	○	0,023	4 274	1000



Round Diamond Cut

	Cubic Zirconia				Nanogens			Synthetic Spinel			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			GRAMS			PIECES
0,70	●	●	0,063	1 584	●	0,032	3 115	●	0,039	2 596	1000
0,75	●	○	0,076	1 324	○	0,038	2 604	○	0,046	2 170	1000
0,80	●	●	0,090	1 115	●	0,046	2 193	●	0,055	1 827	1000
0,85	●	○	0,106	947	○	0,054	1 862	○	0,064	1 552	1000
0,90	●	●	0,123	815	●	0,062	1 603	●	0,075	1 335	1000
0,95	●	○	0,142	706	○	0,072	1 389	○	0,086	1 157	1000
1,00	●	●	0,166	601	●	0,085	1 182	●	0,102	985	1000
1,05	●	●	0,189	528	●	0,096	1 038	●	0,116	865	1000
1,10	●	●	0,215	466	●	0,109	916	●	0,131	763	1000
1,15	●	●	0,242	413	●	0,123	813	●	0,148	678	1000
1,20	●	●	0,277	361	●	0,141	709	●	0,169	591	1000
1,25	●	●	0,309	323	●	0,157	636	●	0,189	530	1000
1,30	●	●	0,344	291	●	0,175	572	●	0,210	476	1000
1,35	●	●	0,381	263	●	0,194	517	●	0,232	431	1000
1,40	●	●	0,436	229	●	0,222	451	●	0,266	376	1000
1,45	●	●	0,479	209	●	0,244	411	●	0,292	342	1000

		Synthetic Corundum			Aventurine			Genuine Spinel			Natural Red Garnet				
Size	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit	
MM	GRAMS				GRAMS			GRAMS				GRAMS		PIECES	
0,50	○	0,014	6 930		○	0,010	10 316	○	0,014	7 112		○	0,014	7 207	1000
0,60	○	0,025	3 945		○	0,017	5 872	○	0,025	4 049		○	0,024	4 103	1000

		Synthetic Corundum			Aventurine			Genuine Spinel			Natural Red Garnet				
	Size	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit	
	MM	GRAMS				GRAMS			GRAMS			GRAMS		PIECES	
	0,70	○	0,042	2 396	○	0,028	3 567	○	0,041	2 459		○	0,040	2 492	1000
	0,75	○	0,050	2 003	○	0,034	2 982								1000
	0,80	●	0,059	1 687	●	0,040	2 511	○	0,058	1 731			0,057	1 754	1000
	0,85	○	0,070	1 432	○	0,047	2 132						0,067	1 490	1000
	0,90	○	0,081	1 233	○	0,054	1 835	○	0,079	1 265		○	0,078	1 282	1000
	0,95	○	0,094	1 068	○	0,063	1 590								1000
	1,00	●	0,110	909	●	0,074	1 353	●	0,107	933		●	0,106	946	1000
	1,05	○	0,125	799	○	0,084	1 189	○	0,122	820		○	0,120	831	1000
	1,10	●	0,142	704	●	0,095	1 049	○	0,138	723		○	0,137	733	1000
	1,15	●	0,160	625	●	0,107	931	○	0,156	642		○	0,154	650	1000
	1,20	●	0,183	546	●	0,123	812	○	0,179	560		○	0,176	567	1000
	1,25	●	0,204	489	●	0,137	728	●	0,199	502		●	0,197	509	1000
	1,30	●	0,227	440	●	0,153	655	○	0,222	451		○	0,219	457	1000
	1,35	○	0,252	398	○	0,169	592	○	0,245	408		○	0,242	413	1000
	1,40	●	0,288	347	●	0,194	516	○	0,281	356		○	0,277	361	1000
	1,45	○	0,317	316	○	0,213	470	○	0,309	324		○	0,305	328	1000

LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office



Round Brilliant Cut

Cubic Zirconia					Nanogems			Synthetic Spinel			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			GRAMS			
1,50	●	●	0,532	188	●	0,271	370	●	0,325	308	1 000
1,55	●	●	0,581	172	●	0,296	338	●	0,355	282	1 000
1,60	●	●	0,633	158	●	0,322	311	●	0,386	259	1 000
1,65	●	●	0,700	143	●	0,356	281	●	0,427	234	1 000
1,70	●	●	0,759	132	●	0,386	259	●	0,463	216	1 000
1,75	●	●	0,821	122	●	0,417	240	●	0,501	200	1 000
1,80	●	●	0,886	113	●	0,451	222	●	0,541	185	1 000
1,85	●	●	0,969	103	●	0,493	203	●	0,591	169	1 000
1,90	●	●	1,043	96	●	0,530	189	●	0,636	157	1 000
1,95	●	●	1,119	89	●	0,569	176	●	0,683	147	1 000
2,00	●	●	1,198	83	●	0,609	164	●	0,731	137	500
2,05	●	●	1,282	78	●	0,652	153	●	0,782	128	500
2,10	●	●	1,369	73	●	0,696	144	●	0,836	120	500
2,15	●	●	1,461	68	●	0,743	135	●	0,891	112	500
2,20	●	●	1,576	63	●	0,802	125	●	0,962	104	500
2,25	●	●	1,677	60	●	0,853	117	●	1,023	98	500
2,30	●	●	1,781	56	●	0,905	110	●	1,086	92	500
2,35	●	●	1,889	53	●	0,961	104	●	1,153	87	500
2,40	●	●	2,027	49	●	1,031	97	●	1,237	81	500
2,45	●	●	2,145	47	●	1,091	92	●	1,309	76	500
2,50	●	●	2,267	44	●	1,153	87	●	1,383	72	500
2,55	●	●	2,394	42	●	1,217	82	●	1,461	68	500
2,60	●	●	2,525	40	●	1,284	78	●	1,541	65	500
2,65	●	●	2,661	38	●	1,353	74	●	1,624	62	500
2,70	●	●	2,834	35	●	1,441	69	●	1,729	58	500
2,75	●	●	2,981	34	●	1,516	66	●	1,819	55	200
2,80	●	●	3,133	32	●	1,593	63	●	1,912	52	200
2,85	●	●	3,290	30	●	1,673	60	●	2,007	50	200
2,90	●	●	3,452	29	●	1,755	57	●	2,106	47	200
2,95	●	●	3,619	28	●	1,840	54	●	2,208	45	200
3,00	●	●	3,792	26	●	1,928	52	○	2,314	43	200
3,05	●	●	3,970	25	●	2,018	50	○	2,422	41	200
3,10	●	●	4,153	24	●	2,112	47	○	2,534	39	100
3,15	●	●	4,342	23	●	2,208	45	○	2,649	38	100
3,20	●	●	4,536	22	●	2,306	43	○	2,768	36	100
3,25	●	●	4,736	21	●	2,408	42	○	2,890	35	100
3,30	●	●	4,942	20	●	2,513	40	○	3,015	33	100
3,40	●	●	5,371	19	●	2,731	37	○	3,277	31	100
3,50	●	●	5,824	17	●	2,961	34	○	3,554	28	100
3,60	●	●	6,301	16	●	3,204	31	○	3,845	26	100
3,70	●	●	6,804	15	●	3,460	29	○	4,152	24	100
3,75	●	●	7,065	14	●	3,593	28	○	4,311	23	100
3,80	●	●	7,333	14	●	3,729	27	○	4,474	22	100
3,90	●	●	7,869	13	●	4,001	25	○	4,801	21	80
4,00	●	●	8,541	12	●	4,343	23	○	5,212	19	80
4,25	●	●	10,130	10	●	5,151	19	○	6,181	16	80
4,50	●	●	11,994	8,3	●	6,098	16	○	7,318	14	60
4,75	●	●	13,971	7,2	●	7,104	14	○	8,525	12	60
5,00	●	●	16,266	6,1	●	8,271	12	○	9,925	10	60

LEGEND:

- Standard assortment
- A minimal quantity is required,
for more details contact Preciosa sales office

Synthetic Corundum					Aventurine			Genuine Spinel			Natural Red Garnet			
Size	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS				GRAMS				PIECES	
1,50	●	0,352	284		●	0,236	423	●	0,343	292	●	0,338	296	1 000
1,55	●	0,384	260		○	0,258	387	○	0,374	267	○	0,369	271	1 000
1,60	●	0,418	239		●	0,281	356	○	0,408	245	○	0,402	249	1 000
1,65	○	0,463	216		○	0,311	322	○	0,451	222	○	0,445	225	1 000
1,70	●	0,502	199		●	0,337	297	○	0,489	205	○	0,482	207	1 000
1,75	●	0,542	184		●	0,364	274	●	0,529	189	●	0,522	192	1 000
1,80	●	0,586	171		●	0,394	254	○	0,571	175	○	0,563	178	1 000
1,85	○	0,641	156		○	0,430	232	○	0,624	160	○	0,616	162	1 000
1,90	●	0,689	145		●	0,463	216	○	0,671	149	○	0,663	151	1 000
1,95	○	0,739	135		○	0,497	201	○	0,720	139	○	0,711	141	1 000
2,00	●	0,792	126		●	0,532	188	●	0,772	130	●	0,762	131	500
2,05	○	0,847	118		○	0,569	176	○	0,826	121	○	0,815	123	500
2,10	○	0,905	110		○	0,608	164	○	0,882	113	○	0,870	115	500
2,15	○	0,966	104		○	0,649	154	○	0,941	106	○	0,929	108	500
2,20	○	1,042	96		○	0,700	143	○	1,015	98	○	1,002	100	500
2,25	●	1,108	90		●	0,745	134	●	1,080	93	●	1,066	94	500
2,30	○	1,177	85		○	0,791	126	○	1,147	87	○	1,132	88	500
2,35	○	1,249	80		○	0,839	119	○	1,217	82	○	1,201	83	500
2,40	○	1,340	75		○	0,900	111	○	1,305	77	○	1,288	78	500
2,45	○	1,418	71		○	0,952	105	○	1,381	72	○	1,363	73	500
2,50	●	1,498	67		●	1,007	99	●	1,460	68	●	1,441	69	500
2,55	○	1,582	63		○	1,063	94	○	1,542	65	○	1,521	66	500
2,60	○	1,669	60		○	1,121	89	○	1,626	61	○	1,605	62	500
2,65	○	1,759	57		○	1,182	85	○	1,714	58	○	1,692	59	500
2,70	○	1,873	53		○	1,258	79	○	1,825	55	○	1,801	56	500
2,75	●	1,971	51		●	1,324	76	○	1,920	52	○	1,895	53	200
2,80	○	2,071	48		○	1,391	72	○	2,018	50	○	1,991	50	200
2,85	○	2,175	46		○	1,461	68	○	2,119	47	○	2,091	48	200
2,90	○	2,282	44		○	1,533	65	○	2,223	45	○	2,194	46	200
2,95	○	2,392	42		○	1,607	62	○	2,331	43	○	2,300	43	200
3,00	○	2,507	40		○	1,684	59	●	2,442	41	●	2,410	41	200
3,05	○	2,624	38		○	1,763	57							200
3,10	○	2,745	36		○	1,844	54							100
3,15	○	2,870	35		○	1,928	52							100
3,20	○	2,998	33		○	2,014	50							100
3,25	○	3,131	32		○	2,103	48							100
3,30	○	3,267	31		○	2,195	46							100
3,40	○	3,550	28		○	2,385	42							100
3,50	○	3,850	26		●	2,586	39							100
3,60	○	4,165	24		○	2,798	36							100
3,70	○	4,498	22		○	3,022	33							100
3,75	○	4,670	21		○	3,137	32							100
3,80	○	4,847	21		○	3,256	31							100
3,90	○	5,201	19		○	3,494	29							80
4,00	○	5,646	18		●	3,793	26							80
4,25	○	6,696	15		○	4,499	22							80
4,50	○	7,928	13		○	5,326	19							60
4,75	○	9,235	11		○	6,204	16							60
5,00	○	10,752	9,3		●	7,223	14							60

Cubic Zirconia					Nanogems			Synthetic Spinel			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			GRAMS		PIECES	
5,25	●	●	18,676	5,4	●	9,497	11				60
5,50	●	○	21,448	4,7	○	10,906	9,2	○	15,440	6,5	60
5,75	●	○	24,332	4,1	○	12,372	8,1				60
6,00	●	○	27,625	3,6	○	14,047	7,1	○	19,540	5,1	50
6,25	●	○	31,027	3,2	○	15,776	6,3	○	21,480	4,7	50
6,50	●	○	34,886	2,9	○	17,739	5,6	○	23,420	4,3	50
6,75	●	○	38,848	2,6	○	19,753	5,1				50
7,00	●	○	43,318	2,3	○	22,026	4,5	○	31,980	3,1	35
7,25	●	○	47,883	2,1	○	24,347	4,1				35
7,50	●	○	53,009	1,9	○	26,954	3,7				35
7,75	●	○	58,218	1,7	○	29,603	3,4				35
8,00	●	○	64,045	1,6	○	32,565	3,1	○	44,860	2,2	35
8,25	●	○	74,827	1,3							35
8,50	●	○	81,827	1,2							20
8,75	●	○	89,251	1,1							20
9,00	●	○	97,111	1,0							20
9,50	●	○	114,189	0,9							15
10,00	●	○	133,160	0,8							15
11,00	●	○	177,180	0,6							15
12,00	●	○	229,967	0,4							10
13,00	●		286,150	0,3							10
14,00	●		357,540	0,3							10
15,00	●		439,550	0,2							5
16,00	●		533,360	0,2							5
17,00	●		639,560	0,2							5
18,00	●		759,330	0,1							5
19,00	●		893,260	0,1							5
20,00	●		1 041,350	0,1							5



Sunflower Cut

Cubic Zirconia					Nanogems			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			PIECES
1,30	○	○	0,373	268	○	0,190	527	1 000
1,50	○	○	0,571	175	○	0,290	344	1 000
1,75	○	○	0,881	114	○	0,448	223	1 000
2,00	○	○	1,286	78	○	0,654	153	500
2,25	○	○	1,798	56	○	0,914	109	500
2,50	○	○	2,431	41	○	1,236	81	500
2,75	○	○	3,197	31	○	1,625	62	200
3,00	○	○	4,067	25	○	2,068	48	200
3,50	○	○	6,250	16	○	3,178	31	100
4,00	○	○	9,171	11	○	4,663	21	80
4,50	○	○	12,881	7,8	○	6,550	15	60
5,00	○	○	17,478	5,7	○	8,887	11	60

LEGEND:

- Standard assortment
- A minimal quantity is required,
for more details contact Preciosa sales office

Size	Synthetic Corundum				Aventurine			Genuine Spinel			Natural Red Garnet			Packg. unit
	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram		Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Approx. weight of 100 pcs	Approx. pcs per 1 gram		
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
5,25	○	12,345	8,1		○	8,294	12							60
5,50	○	14,177	7,1		○	9,524	10							60
5,75	○	16,084	6,2		○	10,805	9,3							60
6,00	○	18,261	5,5		○	12,267	8,2							50
6,25	○	20,509	4,9		○	13,778	7,3							50
6,50	○	23,060	4,3		●	15,492	6,5							50
6,75	○	25,679	3,9		○	17,251	5,8							50
7,00	○	28,634	3,5		●	19,236	5,2							35
7,25	○	31,651	3,2		○	21,263	4,7							35
7,50	○	35,040	2,9		○	23,539	4,2							35
7,75	○	38,483	2,6		○	25,853	3,9							35
8,00	○	42,335	2,4		●	28,440	3,5							35
8,25														35
8,50														20
8,75														20
9,00														20
9,50														15
10,00														15
11,00														15
12,00														10
13,00														10
14,00														10
15,00														5
16,00														5
17,00														5
18,00														5
19,00														5
20,00														5



Big Table Cut

Size	Cubic Zirconia				Nanogems			
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			PIECES
1,30	○	○	0,303	330	○	0,154	650	1 000
1,50	○	○	0,462	216	○	0,235	426	1 000
1,75	○	○	0,707	141	○	0,360	278	1 000
2,00	○	○	1,027	97	○	0,522	192	500
2,25	○	○	1,430	70	○	0,727	138	500
2,50	○	○	1,925	52	○	0,979	102	500
2,75	○	○	2,524	40	○	1,283	78	200
3,00	○	○	3,194	31	○	1,624	62	200
3,50	○	○	4,863	21	○	2,473	40	100
4,00	○	○	7,100	14	○	3,610	28	80
4,50	○	○	9,933	10	○	5,051	20	60
5,00	○	○	13,433	7,4	○	6,830	15	60



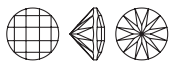
Six Pointed Star

Cubic Zirconia					Nanogems			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
2,00	○	○	1,225	82	○	0,623	161	500
2,25	○	○	1,712	58	○	0,870	115	500
2,50	○	○	2,312	43	○	1,176	85	500
2,75	○	○	3,039	33	○	1,545	65	200
3,00	○	○	3,862	26	○	1,964	51	200
3,50	○	○	5,925	17	○	3,013	33	100
4,00	○	○	8,685	12	○	4,416	23	80
4,50	○	○	12,190	8,2	○	6,198	16	60
5,00	○	○	16,528	6,1	○	8,404	12	60



Pentangle Cut

Cubic Zirconia					Nanogems			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
2,00	○	○	1,052	95	○	0,535	187	500
2,25	○	○	1,466	68	○	0,745	134	500
2,50	○	○	1,975	51	○	1,004	100	500
2,75	○	○	2,590	39	○	1,317	76	200
3,00	○	○	3,279	31	○	1,667	60	200
3,50	○	○	4,998	20	○	2,542	39	100
4,00	○	○	7,302	14	○	3,713	27	80
4,50	○	○	10,221	10	○	5,197	19	60
5,00	○	○	13,828	7,2	○	7,031	14	60



Mango Cut

Size	Cubic Zirconia				Nanogems			
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
2,00	○	○	1,174	85	○	0,597	168	500
2,25	○	○	1,653	60	○	0,841	119	500
2,50	○	○	2,248	44	○	1,143	87	500
2,75	○	○	2,971	34	○	1,511	66	200
3,00	○	○	3,793	26	○	1,929	52	200
3,50	○	○	5,862	17	○	2,981	34	100
4,00	○	○	8,645	12	○	4,396	23	80
4,50	○	○	12,191	8,2	○	6,199	16	60
5,00	○	○	16,594	6,0	○	8,438	12	60
6,00	○	○	28,175	3,5	○	14,326	7,0	50
7,00	○	○	44,173	2,3	○	22,461	4,5	35
8,00	○	○	65,302	1,5	○	33,205	3,0	35



100 Faceted Cut

Size	Cubic Zirconia				Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				PIECES
2,00	○		1,236	80,9	200
2,50	○		2,341	42,7	200
3,00	○		3,918	25,5	100
3,50	○		6,020	16,6	100
4,00	○		8,831	11,3	80
4,50	○		12,401	8,1	60
5,00	○		16,819	5,9	60
5,50	○		22,175	4,5	60
6,00	○		28,727	3,5	50
6,50	○		36,457	2,7	50
7,00	○		45,461	2,2	35
7,50	○		55,579	1,8	35
8,00	○		67,389	1,5	35

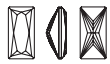
LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office



Square Princess Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
1,20x1,20	○	○	0,401	250	○	0,204	491	○	0,244	409				500
1,25x1,25	●	○	0,449	223	○	0,228	438	○	0,274	365				500
1,30x1,30	●	○	0,509	197	○	0,259	387	○	0,310	322				500
1,40x1,40	●	○	0,634	158	○	0,322	310	○	0,387	259				200
1,50x1,50	●	●	0,778	129	●	0,396	253	●	0,475	211				200
1,75x1,75	●	●	1,201	83	●	0,611	164	●	0,733	136				200
2,00x2,00	●	●	1,785	56	●	0,908	110	●	1,089	92	○	1,180	85	200
2,25x2,25	●	●	2,491	40	●	1,267	79	●	1,520	66	○	1,647	61	200
2,50x2,50	●	●	3,361	30	●	1,709	59	●	2,051	49	○	2,222	45	200
2,75x2,75	●	●	4,445	22	●	2,260	44	●	2,712	37	○	2,938	34	200
3,00x3,00	●	●	5,740	17	●	2,919	34	●	3,502	29	○	3,794	26	100
3,50x3,50	●	○	8,931	11	○	4,541	22	○	5,450	18	○	5,904	17	100
4,00x4,00	●	○	13,263	7,5	○	6,744	15	○	8,093	12	○	8,767	11	80
4,50x4,50	●	○	17,156	5,8										70
5,00x5,00	●	○	25,519	3,9							○	16,869	5,93	70
5,50x5,50	●	○	29,059	3,4										70
6,00x6,00	●	○	43,434	2,3							○	28,711	3,48	40
7,00x7,00	●	○	63,62	1,6										40
8,00x8,00	●	○	254,48	0,4										20



Baguette Princess Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
3,00x2,00	●	●	2,650	38	●	1,347	74	●	1,617	62	●	1,751	57	200
4,00x2,00	●	●	3,815	26	●	1,940	52	●	2,328	43	●	2,522	40	100
5,00x2,50	●	●	7,212	14	●	3,667	27	●	4,400	23	●	4,767	21	100
6,00x3,00	●	●	12,332	8,1	●	6,271	16	●	7,525	13	●	8,152	12	70
7,00x3,50	●	○	19,429	5,1										40
8,00x4,00	●	○	28,829	3,5										40

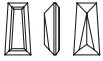


Baguette Step Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
2,00x1,00	●	●	0,464	215	●	0,236	424	●	0,283	353	○	0,307	326	500
3,00x1,00	●	●	0,725	138	●	0,368	271	●	0,442	226	○	0,479	209	500

LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office

**Tapered Baguette Cut**

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
2,00×1,50×1,00	●	●	0,771	130	●	0,392	255	●	0,471	213	○	0,471	196	200
2,50×1,50×1,00	●	●	1,066	94	●	0,542	184	●	0,651	154	○	0,651	142	200
2,50×2,00×1,50	●	●	1,762	57	●	0,896	112	●	1,075	93	○	1,075	86	200
3,00×2,00×1,00	●	●	2,034	49	●	1,034	97	●	1,241	81	○	1,241	74	200
3,00×2,50×1,50	●	●	3,382	30	●	1,720	58	●	2,064	48	○	2,064	45	200
3,50×1,50×1,00	●	●	1,620	62	●	0,824	121	●	0,988	101	○	0,988	93	200
3,50×2,50×1,50	●	●	3,731	27	●	1,897	53	●	2,277	44	○	2,277	41	100
4,00×2,00×1,50	●	●	3,155	32	●	1,604	62	●	1,925	51,9	○	1,925	48	100

**Marquise Diamond Cut**

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
3,00×1,50	●	●	1,039	96	●	0,528	189	●	0,634	158				200
3,00×2,00	●	●	1,797	56	●	0,914	109	●	1,097	91				200
4,00×2,00	●	●	2,341	43	●	1,190	84	●	1,428	70	○	1,548	65	100
4,50×2,50	●	●	3,906	26	○	1,986	50	○	2,384	42	○	2,582	39	100
5,00×2,50	●	●	4,328	23	●	2,201	45	●	2,641	38	○	2,861	35	100
6,00×3,00	●	●	7,345	14	●	3,735	27	●	4,482	22	○	4,855	21	70
7,00×3,50	●	○	11,512	8,7	○	5,854	17	○	7,024	14	○	7,610	13	40
8,00×4,00	●	○	17,014	5,9	○	8,651	12	○	10,382	9,6	○	11,247	8,9	40

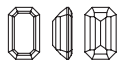
**Pear Diamond Cut**

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
3,00×2,00	●	○	1,883	53										100
4,00×2,00	●	●	2,379	42	●	1,210	83	●	1,452	69	○	1,573	64	100
4,00×3,00	●	●	5,039	20	●	2,562	39	●	3,075	33	○	3,331	30	100
5,00×3,00	●	●	6,316	16	●	3,212	31	●	3,854	26	○	4,175	24	70
5,00×4,00	●	○	11,053	9,0	○	5,620	18	○	6,744	15	○	7,306	14	50
6,00×4,00	●	●	13,521	7,4	●	6,875	15	●	8,250	12	○	8,938	11	50
7,00×5,00	●	●	24,220	4,1	●	12,315	8,1	●	14,778	6,8	○	16,010	6,2	40
8,00×6,00	●	○	37,589	2,7							○	24,847	4,0	40



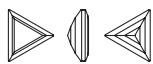
Oval Diamond Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
4,00x2,00	●	●	2,503	40	●	1,273	79	●	1,527	65	○	1,655	60	100
4,00x3,00	●	●	5,499	18	○	2,796	36	○	3,355	30	○	3,635	28	100
5,00x3,00	●	●	6,524	15	●	3,317	30	●	3,981	25	○	4,313	23	70
6,00x4,00	●	●	14,130	7,1	●	7,185	14	●	8,622	12	○	9,340	11	50
7,00x5,00	●	●	25,322	3,9	●	12,876	7,8	●	15,451	6,5	○	16,738	6,0	40
8,00x6,00	●	○	40,656	2,5	○	20,673	4,8	○	24,807	4,0	○	26,875	3,7	40



Octagon Step Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
4,00x2,00	●	●	3,650	27	●	1,856	54	○	2,227	45	○	2,413	41	100
5,00x3,00	●	●	9,321	11	●	4,739	21	○	5,687	18	○	6,161	16	70
6,00x4,00	●	●	18,779	5,3	●	9,549	10	○	11,458	8,7	○	12,413	8,1	50
7,00x5,00	●	●	32,940	3,0	●	16,749	6,0	○	20,099	5,0	○	21,774	4,6	40
8,00x6,00	●	○	52,200	1,9	○	26,542	3,8	○	31,851	3,1	○	34,505	2,9	40



Triangle Step Cut

Size	Cubic Zirconia				Nanogems			Synthetic Spinel			Synthetic Corundum			Packg. unit
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				GRAMS			GRAMS			GRAMS			PIECES
2,00	●	○	0,506	198	○	0,257	389	○	0,309	324				200
3,00	●	○	1,607	62	○	0,817	122	○	0,981	102				140
4,00	●	○	3,682	27	○	1,872	53	○	2,247	45				80
5,00	●	○	7,038	14	○	3,579	28	○	4,294	23				80
6,00	●	○	11,810	8,5	○	6,005	17	○	7,206	14				50



Heart Cut

Size	Cubic Zirconia				Nanogems			
	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
2,00×2,00	●	○	1,115	90	●	0,567	176	200
2,50×2,50	●	○	2,129	47	○	1,083	92	200
3,00×3,00	●	○	3,624	28	●	1,843	54	100
3,50×3,50	●	○	5,693	18	○	2,895	35	100
4,00×4,00	●	○	8,428	12	●	4,286	23	80
4,50×4,50	●	○	11,763	8,5	○	5,981	17	50
5,00×5,00	●	○	16,050	6,2	●	8,161	12	50
5,50×5,50	●	○	21,043	4,8	○	10,700	9,3	50
6,00×6,00	●	○	27,263	3,7	●	13,862	7,2	35
6,50×6,50	●	○	34,966	2,9	○	17,780	5,6	35
7,00×7,00	●	○	43,786	2,3	○	22,264	4,5	20
7,50×7,50	●	○	53,976	1,9	○	27,4452	3,6	20
8,00×8,00	●	○	65,635	1,5	○	33,3738	3,0	20
10,00×10,00	●	○	128,085	0,8	○	65,1282	1,5	10
12,00×12,00	●	○	221,208	0,5	○	112,4784	0,9	10

LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office



Buff Top Square Cut

Cubic Zirconia					Nanogens			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
2,00	○	○	2,322	43	○	1,181	85	500
2,50	○	○	4,300	23	○	2,186	46	500
3,00	○	○	7,381	14	○	3,753	27	200



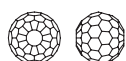
Snowflake Cut

Cubic Zirconia					Nanogens			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
3,00	○	○	4,193	24	○	2,132	47	100
4,00	○	○	9,940	10	○	5,054	20	80
5,00	○	○	19,413	5,2	○	9,871	10	60



Lotus Cut

Cubic Zirconia					Packg. unit
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	
MM	GRAMS				PIECES
2,00	○		1,624	61,6	200
2,50	○		3,106	32,2	200
3,00	○		5,322	18,8	100
3,50	○		8,400	11,9	100
4,00	○		12,481	8,0	80
4,50	○		17,635	5,7	60
5,00	○		24,039	4,2	60
5,50	○		31,831	3,1	60
6,00	○		41,147	2,4	50
6,50	○		52,122	1,9	50
7,00	○		64,892	1,5	35
7,50	○		79,593	1,3	35
8,00	○		96,362	1,0	35



Bead 74 Cut

Cubic Zirconia					Nanogens			
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	GRAMS				GRAMS			
4,00	●	○	17,597	5,7	○	8,948	11,2	80
5,00	●	○	34,369	2,9	○	17,476	5,7	50



Rose Diamond Cut

	Cubic Zirconia				
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM			GRAMS	PIECES	
1,00	●	○	0,103	969	1 000
1,50	●	○	0,308	325	1 000
2,00	●	○	0,646	155	500
2,50	○	○	1,185	84	500
3,00	●	○	1,995	50	200
3,50	○	○	3,108	32	100
4,00	●	○	4,572	22	100
4,50	○	○	6,348	16	100
5,00	●	○	8,528	12	100
5,50	○	○	11,156	9,0	50
6,00	●	○	14,271	7,0	50



Cabochon Cut

	Cubic Zirconia				Nanogems				
Size	White	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Colors*	Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit	
MM	GRAMS				GRAMS				PIECES
1,00	●	○	0,155	647	●	0,079	1 272	1 000	
1,50	●	○	0,522	192	●	0,265	377	1 000	
2,00	●	●	1,235	81	●	0,628	159	500	
2,50	○	○	2,414	41	○	1,227	81	500	
3,00	●	●	4,171	24	●	2,121	47	200	
3,50	○	○	6,623	15	○	3,368	30	100	
4,00	●	●	9,885	10	●	5,027	20	80	
5,00	○	○	19,308	5,2	○	9,818	10	60	

LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office



Marcasite Rose Cut

Marcasite					
Size			Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM	PP		GRAMS		PIECES
0,95	2	●	0,094	1 060	2 000
1,05	3	●	0,130	772	2 000
1,15	4	●	0,152	658	2 000
1,25	5	●	0,200	499	2 000
1,33	6	●	0,251	399	2 000
1,38	7	●	0,297	337	2 000
1,45	8	●	0,325	308	2 000
1,55	9	●	0,380	263	2 000
1,65	10	●	0,449	223	2 000
1,75	11	●	0,494	203	1 000
1,85	12	●	0,538	186	1 000
1,95	13	●	0,649	154	1 000
2,05	14	●	0,699	143	1 000
2,15	15	●	0,747	134	1 000
2,25	16	●	0,888	113	1 000



Marcasite Square Cut

		Marcasite		
Size		Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit
MM		GRAMS		PIECES
1,20	●	0,332	301	1 000
1,30	●	0,419	239	1 000
1,40	●	0,475	211	1 000
1,50	●	0,532	188	1 000
1,60	●	0,650	154	1 000
1,70	●	0,716	140	1 000
1,80	●	0,859	116	1 000
1,90	●	0,934	107	1 000
2,00	●	1,105	91	1 000
2,10	●	1,190	84	1 000



Marcasite Baguette Cut

		Marcasite			
Size		Approx. weight of 100 pcs	Approx. pcs per 1 gram	Packg. unit	
MM		GRAMS		PIECES	
2,20x1,20	●	0,475	211	1 000	
2,30x1,30	●	0,528	189	1 000	
2,40x1,40	●	0,598	167	1 000	
2,50x1,50	●	0,673	149	1 000	

LEGEND:

- Standard assortment
- A minimal quantity is required, for more details contact Preciosa sales office

*) AVAILABLE COLORS:

Cubic Zirconia..... Gold, Orange, Pink, Purple, Amethyst, Rhodolite, Lavender, Light Peridot, Peridot, Olive, Champagne, Brown, Black

Nanogems..... Emerald Green, Black, Sapphire Blue, Grey Night Blue, Peridot, Citrine, Topaz Swiss Blue, Opaque Ivory, Opal Pink, Opal Honey, Opal Blue, Turquoise, Opal Yellow White, Topaz London Blue, Topaz Royal Blue, Topaz Sky Blue, Tanzanite Blue, Tourmaline Blue Green, Morganite, Amethyst, Garnet, Ruby

Synthetic Spinel..... Aquamarine, Medium Blue, Dark Blue

Synthetic Corundum..... Ruby Dark, Ruby Medium

Genuine Spinel..... Genuine Black

Aventurine Aventurine Blue, Aventurine Gold

Foiling Silver Foiling, Gold Foiling

Packaging

The packaging is designed to comply with the requirements of the safest possible transport, to optimise costs, and at the same time to ensure easy handling.

Each packaging is provided with Preciosa® logo, contents identification and a bar code for easier tracking of the consignment. Thus, the customer can safely identify high-quality goods by Preciosa®.

- ✓ made of rigid plastic to ensure safe transport
- ✓ pair of patented re-lockable pins
- ✓ bar coded for easy tracing
- ✓ sealed to guarantee origin of the stones
- ✓ easy handling



Loose stones

Colored loose stones

transparent bottom enables quick visual control



Transport packaging

- ✓ ECO friendly packaging material
- ✓ no colors
- ✓ recyclable material
- ✓ produced in a special workshop by disabled people



Important pieces of information for handling Cubic Zirconia & Gems

MATERIAL / Color	TREATMENT	Potassium hydroxide 10% *	Sulphuric acid 96% 80°C *	Citric acid *	Lost-wax casting *	Vitrex pickle *	Sulphuric acid pickle *	Blackening *	Gold coloring *	Soft Soldering *	Silver Coating *	Gold plating *	Rhodium Coating	Machine grinding and polishing	Hard soldering *	Manual grinding and polishing	Hand-mounting	Bonding
CUBIC ZIRCONIA																		
● White		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Gold		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Orange		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Pink		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Purple		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Amethyst		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Rhodolite		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Lavender		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Light Peridot		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Peridot		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Olive		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Champagne		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Brown		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
● Black		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TREATED SURFACE																		
● Silver and Gold Foiling		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*) TREATMENT DESCRIPTION:

Potassium hydroxide 10%	KOH.
Sulphuric acid 96% 80°C	H ₂ SO ₄ .
Citric acid	C ₆ H ₈ O ₇ .
Lost-wax casting	Casting temperature 1,060 °C Wax burnout: 2 hours at 700 °C.
Vitrex pickle	12.5 Vol % NaHCO ₃ 10 minutes at 70 °C Rinsed with H ₂ O.
Sulphuric acid pickle	20 Vol % H ₂ SO ₄ 30 minutes at 60 °C Rinsed with H ₂ O.
Blackening	1/3 K ₂ CO ₃ , 1/3 S, 1/3 H ₂ O Stones exposed to filtrate for 3 minutes at 50 °C Rinsed with H ₂ O.
Gold coloring	Color bath mix of 17.3% NaCl 23% KNO ₃ , 22.6% H ₂ O, 25.6% HCl Boiled in solution for 3 minutes Rinsed with H ₂ O.
Soft soldering	Soldering temperature 200 °C.
Silver coating	Composition of bath – K[Ag(CN) ₂], KCN Chemical additives generating the brilliancy. Stones exposed to dipping in the bath for 3.5 minutes at the temperature of 26 °C in circular movement of silvered goods.
Gold plating	Composition of bath – K[Au(CN) ₂], KCN, Cu, Pd. Stones exposed to dipping in the bath for 30 seconds to 4 minutes at the temperature from 25 °C to 55 °C in circular movement of gilded goods.
Hard soldering	Soldering temperature 600 °C.

LEGEND:

- **Stable** – under all normal use conditions recommended for CZ jewellery (it is necessary to observe some of the rules of standard technical processes).
- **Suitable** – If the standard technological processes are kept, stones remain their quality. Stones are used in this way without problems, but it is always important to find the proper way of using the stones.
- **Unsuitable** – without guarantee.

Preciosa is not responsible for any changes caused by improper handling of the stones.

MATERIAL / COLOR		TREATMENT	Potassium hydroxide 10%*	Sulphuric acid 98% 80°C*	Citric acid*	Lost-wax casting*	Vitrex pickle*	Sulphuric acid pickle*	Blackening*	Gold coloring*	Soft Soldering*	Silver Coating*	Gold plating*	Rhodium Coating	Machine grinding and polishing	Hard soldering*	Manual grinding and polishing	Hand-mounting	Bonding
NANOgems																			
	Emerald Green		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Black		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Sapphire Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Grey Night Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Peridot		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Citrine		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Topaz Swiss Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Opaque Ivory		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Opal Pink		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Opal Honey		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Opal Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Turquoise		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Opal Yellow White		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Topaz London Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Topaz Royal Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Topaz Sky Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Tanzanite Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Tourmaline Blue Green		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Morganite		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Amethyst		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Garnet		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Ruby		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SYNTHETIC SPINEL																			
	Aquamarine		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Medium Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Dark Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SYNTHETIC CORUNDUM																			
	Ruby Medium		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Ruby Dark		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GENUINE GEMSTONES																			
	Genuine Black		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Marcasite		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Natural Red Garnet		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
AVENTURINE																			
	Aventurine Blue		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Aventurine Gold		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Boost Your *Brand* with Preciosa

RISE ABOVE THE COMPETITION BY BRANDING YOUR PRODUCTS WITH THE FINEST BOHEMIAN CRYSTAL, ZIRCONIA AND NANOGENS. **HOW?** BECOME A PARTNER IN PRECIOSA'S NEW **INGREDIENT BRANDING PROGRAM.**

Stand out from the competition with merchandising that indicates your products are made with the finest Bohemian Crystal, Zirconia and Nanogems. How? Become a partner in Preciosa's new Ingredient Branding program, Crystals by Preciosa.

Preciosa's proud tradition of glassmaking can be traced back nearly five centuries to the Crystal Valley of Bohemia. Our brand was founded upon the principles of quality, durability and innovation, all of which are still our core values today. The seals we provide to our Ingredient Branding partners are synonymous with our flawless reputation, and serve as a certificate of authenticity that demonstrate your products are made using Zirconia and Nanogems.

ZIRCONIA BY
PRECIOSA

NANOGENS BY
PRECIOSA



Reputation and a quality guarantee are invaluable assets to any designer or company. When you become a partner in our program, you instantly associate your brand with one of the oldest and most prestigious cutting and polishing companies in the world.

Among many other partner benefits, you will receive a limited number of luxury seal stickers in either black or white with silver embossing, each featuring a real premium quality Zirconia and Nanogems that can be applied directly to your products or packaging. We also offer acrylic stands in two sizes for shop windows, displays, showcases or events. If you run out, more are available for purchase.

For more information get in touch with your local Preciosa representative

Preciosa Components

A Member of the Preciosa Group

Preciosa Group is a global leader in products *manufactured from crystal*. From the world famous Czech Beads and Crystal Components used in fashion industry, to tailor made Lighting projects for luxury hotels, royal palaces and yachts, the true craftsmanship of crystal production has been present in Bohemia since 16th century.

PreciosaComponents.com