



INDIVIDUAL HIGH-QUALITY DIVERSE

Glass balls are an important aspect of our program. Beginning at a size of 1 mm, we produce glass balls in different designs and varieties. In this brochure you will find information on our glass and borosilicate balls. Our varieties include: glass balls with holes, glass balls without holes and glass balls with stud holes. All glass balls are available in various colors and styles from 20 mm up to 150 mm in diameter. In most cases, we can fulfill orders to the specific needs of our customers. The drill hole diameter as well as the depth of the hole (for beads with stud holes) can be customized.



Table of contents

Glass balls without holes	Page 3
Glass balls with holes	Page 4
Bubble balls	Page 5
Borosilicate glass balls	Page 6
Glass balls with stud holes.....	Page 6
Half balls	Page 7
Color palette.....	Page 6
Use and application for glass balls	Page 7

Please visit us online at
www.schaeferglas.com

Solid glass balls without holes

We offer high-quality glass balls without holes in a variety of sizes, colors and styles up to a size of 150 millimeters. You can find additional information on available colors on our website under [Products > Color palette](#)



Item list

Please refer to the table below for item numbers, size and color of our glass balls without holes. We would be happy to assist you with any questions you might have or further information.

These products are available in various customizations, e.g.: matt surface, stud holes and countersinks

GLASS BALL Ø	20 mm	25 mm	30 mm	35 mm	40 mm	50 mm	60 mm	80 mm	100 mm	125 mm	150 mm
Color	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #
crystal	K-50110	K-50121	K-50132	K-50143	K-50154	K-50165	K-50079	K-50091	K-50097	K-50103	K-50109
sapphire	K-50111	K-50122	K-50133	K-50144	K-50155	K-50166	K-50080	K-50092	K-50098	--	--
amethyst	K-50112	K-50123	K-50134	K-50145	K-50156	K-50167	--	--	--	--	--
aquamarine	K-50113	K-50124	K-50135	K-50146	K-50157	K-50168	K-50084	K-50096	K-50102	--	--
green	K-50114	K-50125	K-50136	K-50147	K-50158	K-50169	K-50081	K-50093	K-50099	--	--
topaz	K-50115	K-50126	K-50137	K-50148	K-50159	K-50170	--	--	--	--	--
black	K-50116	K-50127	K-50138	K-50149	K-50160	K-50171	--	--	--	--	--
red	K-50117	K-50128	K-50139	K-50150	K-50161	K-50172	K-50083	K-50095	K-50101	--	--
pink	K-50118	K-50129	K-50140	K-50151	K-50162	K-50173	--	--	--	--	--
yellow	K-50119	K-50130	K-50141	K-50152	K-50163	--	K-50082	K-50094	K-50100	--	--
orange	K-50120	K-50131	K-50142	K-50153	K-50164	K-50175	--	--	--	--	--
night blue	--	--	--	--	--	--	--	--	--	K-50468*	--
tropica	--	--	--	--	--	--	--	--	K-50567	H-70021*	--
cobalt	--	--	--	--	--	--	--	--	--	H-70022*	--
emerald	--	--	--	--	--	--	--	--	--	H-70026*	--

* = Discontinued Items – Surplus inventory (available on request)

More information at www.schaeferglas.com/produkte/glaskugeln/#anker_ohne_loch

Glass balls with holes

Our fully perforated glass beads are available starting at a diameter of 20 mm. The standard drill-sizes are listed in the table below. In most cases we can customize the drill size to fit specific needs.



Item list

The table below shows an overview of the different size and color variations for our glass balls with holes as well as drill size and corresponding item numbers. Please contact us for any questions you might have, we would be happy to assist you. Customizations for our glass balls with holes are available, e.g. matt surface

GLASS BALLS Ø	16 mm 3mm	20 mm 3mm	25 mm 3mm	30 mm 3mm	30 mm 6mm	35 mm 6mm	40 mm 11mm	50 mm 11mm	50 mm 14mm	60 mm ca. 11mm	80 mm ca. 12mm	90 mm ca. 13mm
Drill size Ø	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #
crystal	K-50001	K-50002	K-50013	K-50531	K-50024	K-50035	K-50046	K-50057	K-50068	K-50246	K-50250	K-50252
sapphire	--	K-50003	K-50014	--	K-50025	K-50036	K-50047	K-50058	K-50069	K-50247	K-50251	K-50253
amethyst	--	K-50004	K-50015	--	K-50026	K-50037	K-50048	K-50059	K-50070	on reques	on reques	--
aquamarine	--	K-50005	K-50016	--	K-50027	K-50038	K-50049	K-50060	K-50071	on reques	on reques	--
green	--	K-50006	K-50017	--	K-50028	K-50039	K-50050	K-50061	K-50072	on reques	on reques	--
topaz	--	K-50007	K-50018	--	K-50029	K-50040	K-50051	K-50062	K-50073	--	--	--
black	--	K-50008	K-50019	--	K-50030	K-50041	K-50052	K-50063	K-50074	--	--	--
red	--	K-50009	K-50020	--	K-50031	K-50042	K-50053	K-50064	K-50075	on reques	on reques	--
pink	--	K-50010	K-50021	--	K-50032	K-50043	K-50054	K-50065	K-50076	--	--	--
yellow	--	K-50011	K-50022	--	K-50033	K-50044	K-50055	K-50066	K-50077	on reques	on reques	--
orange	--	K-50012	K-50023	--	K-50034	K-50045	K-50056	K-50067	K-50078	--	--	--
purple 20300	--	--	--	--	K-50525	--	--	K-50404	--	--	--	--
green 50400	--	--	--	--	--	--	--	K-50405	--	--	--	--

More information at
www.schaeferglas.com/produkte/glaskugeln/#anker_mit_loch

Borosilicate glass balls by Schäfer Glas

Through years of experience we have expanded our expertise in the production of borosilicate glass balls. Through continually improving our production and quality standards, we have built a loyal customer base. Our borosilicate glass balls are well-known world-wide and are highly valued due to their outstanding quality. Borosilicate glass is characterized by the fact that it is harder and considerably more resistant in comparison to conventional glass.



Good chemical resistance (e.g. against acids, alkalis, chlorine, etc.), high service temperature, low heat expansion with a resulting high thermal shock resistance are special properties which distinguish borosilicate glass. It even surpasses most metals in its chemical resistance.

Our Borosilicate glass balls, which our company produces starting at a size of 1 mm, are used in many areas, for example:

- ball valves
- metering beads
- grinding balls
- filling material
- mixing beads in insulin cartridges
- specific uses in the medical industry and optics

We continually strive to optimize and improve our production techniques and use the available resources in an environmentally conscious manner.

More information at
www.schaeferglas.com/produkte/borosilikat-produkte/

Glass balls with stud holes

We can drill stud holes in our glass balls without holes according to our customers' specific needs. As an example, glass balls with a stud hole can be fixed to a metal pole and used for decorative objects in gardens or landscaping. In most cases we can drill the diameter and depth of the hole to your specifications.

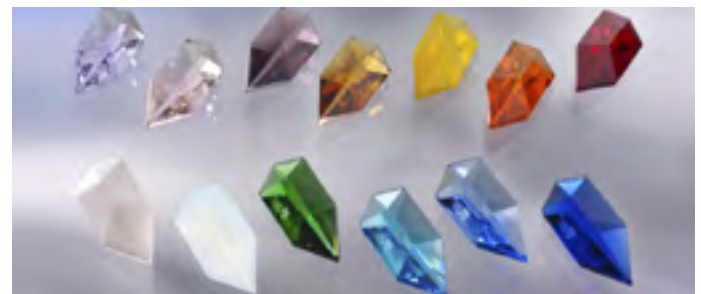


Half-balls

Not only for colored glass, but also for color coatings we can customize and refine our products for you. The possible effects range from Vitrail Medium through Bermuda Blue and can be applied to many products. You can find a detailed chart of possible colors in our Hemispheres section.

Color palette

Glass in shape and color has been our slogan for many years. We offer a range of different colors in our inventory of glass balls and we exclusively use high-quality colored glass. You can find an overview of our standard color range in the image to the right.



Possible applications of glass balls

Glass balls by Schäfer Glas

Glass balls of different kinds and styles are an important aspect of our product line. We produce glass balls starting at a size of 1 mm for a variety of different uses and applications. Our small glass balls are used in applications like ball bearings, mixing beads in insulin cartridges, ball valves in metering pumps, etc. The larger balls are used for decorative elements in furniture, stair railings or home decor.

Variations of glass balls

We offer glass balls in many different variations, glass balls with holes, glass balls without holes, with stud holes, as well as glass balls with bubbles, faceted balls and half-balls. Our high-quality product line includes a range of sizes, colors and styles.

More information at
www.schaeferglas.com/produkte/glaskugeln/