Operation manual for Drytooling picks according to EN-13089

Assembly- and **operation manual** for mountaineering equipment, suitable for **ice tools**:
Black Diamond* Fusion / Fuel
Manufacturer: Bergsport-Steinle, Bajuwarenstraße 58, 81825 Munich, Germany
sport-steinle.com, info@sport-steinle.com

Product designation: Drytooling picks
Type designation: **17BDV1-D**
Serial number: 001 to 999

Please read the instructions carefully and keep them for further reference.

The picks were tested according to DIN EN 13089 and archived with the corresponding documents.
While using the product on the ice tools, please follow the assembly manual provided by the manufacturer of the respective ice tool.

1. Intended Use

The picks are designed for installation on the ice tools of the brand **Black Diamond*** and are suitable for climbing in steep, snow-covered and iced areas.
The product must not be burdened beyond its limits during alpine climbing / mountaineering.
It may only be used for the purpose for which it was designed.

2. Safety Instructions

Improper use and disregard of these warnings can result in serious injuries or even death.
Please only practice this sport with an adequate training. Climbing and other high-altitude activities are naturally dangerous.
The user must be able to respond properly and professionally in an emergency situation.
If, while using the product, you see yourself unable to bear the resulting risks, you must not use this equipment.
You are solely responsible for your personal actions and decisions.
General **safety instructions** for alpine climbing as well as winter mountaineering or any similar activity must be strictly observed and adhered to.
After each use, please **check the product** again for cracks, corrosion or damage.

3. Instructions for Use

Ice tools are basically designed to move in alpine use on snow, ice or rock, and for combined terrain.
Picks that were used for drytooling must not be used for alpine purposes because of the high load.
It is not allowed to modify the product in any way.
Before each use, check that the pick is correctly positioned in the ice tool and that it is firmly fixed with the screw(s).
To remove the ice tool from the ice, pull the tool up and down with alternating movements.
Under no circumstances should the pick be laterally loaded, or the ice tool rotated to release it from the ice / rock. Rotational movements cause great leverage, which may cause the pick to be bent or broken.

4. Maintenance

The picks **17BDV1-D** are maintenance-free. However, the respective maintenance instructions of the **ice tools** must be observed and adhered to.

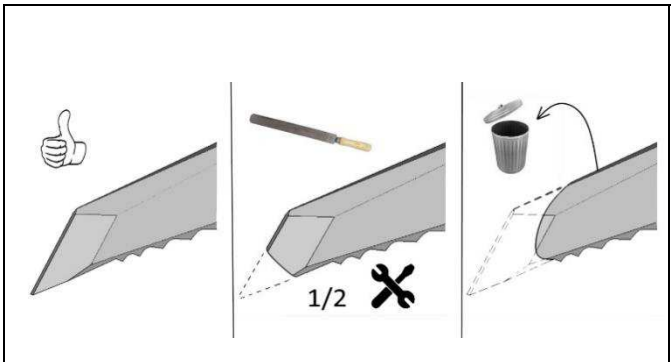
5. Additional Information

Storage: Picks, ice tools and general climbing equipment should be stored in a well-ventilated, dry and dark room away from direct sunlight.
Any contact with acid, dirt, aggressive substances or temperature fluctuations shortens the lifespan of the product.
In case of doubt, reject the equipment.
The lifetime of the product is **unlimited** but depends on the type of application and frequency of use.
Transportation: To protect the product during transportation from chemicals, damage, and dirt, use appropriate transport bags or containers.
Rust on the tips is not a reason for complaint. Our products are rust-protected by a thin nickel layer. However, this may wear off over time when used.
To reduce the formation of rust, it is recommended to coat the rust spots with oil or fat.
Sharpening: The picks may be sharpened only with a hand file. A file with diamond coating is recommended. Mechanical grinding quickly causes an overheating, which can alter metal properties.
Cleaning: Rinse thoroughly with lukewarm water and dry.
During assembly: The picks are installed on the device with the original screws (delivered with the ice tool) just as the original pick, in accordance with the ice tool operation manual. In case of assembly difficulties, please contact Bergsport-Steinle Company at **www.sport-steinle.com**.
Warranty: 3 years on manufacturing and material defects. Excluded from the warranty are: normal signs of wear, improper use or unauthorized structural changes, oxidation.

⚠ **Attention**: non-observance of this operation manual may result in **death**. ⚠

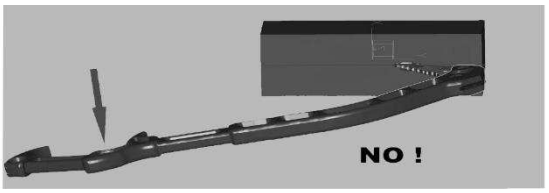
Liability: The manufacturer **Bergsport-Steinle** assumes **no liability** or accidental consequences, as well as any type of damage that can be attributed to the use of your products.

Every purchaser and user of this equipment is free to read through this manual.



Markings on the product:

Bergsport-Steinle:	The manufacturer
📖 **:**	The Instructions for use must be observed
17BDV1-D:	Model-Type
12/2017:	Date of manufacture
T:	Marking for Type 2 picks



This product complies with the requirements of EN-13089.

Munich, 31.05.2018 Chief executive officer: Michael Steinle Signature:

**Black Diamond is a stand-alone brand that has not manufactured, endorsed or approved this product.*
**This product is neither produced nor distributed by Black Diamond.*