ValLink

EN **Operating manual**

Clever connection between impact wrench & ValFast or DrillFast

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EN Operating manual

Content

1. General information

These operating instructions are intended for all persons involved in the following activities: Installation, expansion, commissioning, operation, maintenance.

2. Safety advice

The operating instructions are part of the ValLink. Failure to follow the operating instructions and the following safety instructions can result in damage to the device and even personal injury.

- Follow the operating instructions completely.
- The applicable documents must be taken into account and observed at all times.
- Keep the operating instructions accessible at all times.
- The operating instructions describe the structure of the ValLink and impart knowledge about the proper operation and maintenance.
- Observe the regulations and documentation of third-party manufacturers for third-party devices.

Intended Use

The intended application of the ValLink is in combination with a ValFast or DrillFast and the matching Milwaukee impact wrench (see „Technical data“ for types that can be used). The task of the ValLink is the non-positive connection between the impact wrench and ValFast or DrillFast. So it can be worn as a unit.

Furthermore, the ValLink is used for tree felling work to fix a forest measuring tape, which can be used to control the impact wrench pushbutton from a distance of a few meters. In this way, the forest worker can keep a safe distance for individual felling when felling.

In earth drilling work, the ValLink is the connecting element between the impact wrench and the DrillFast.

Also observe the instructions for use for ValFast and DrillFast in the respective operating instructions.

Safety instructions

Disregarding the safety instructions can result in serious injuries or even death!

When working with the ValFast & ValLink, always observe the current UVV guidelines for chainsaws and forestry work.

When using, consider the operating instructions of the ValFast and DrillFast as well as those of the impact wrench.

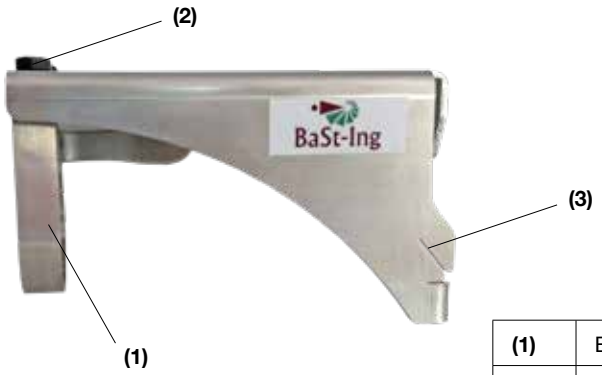
If there is any damage to the ValFast, ValLink, DrillFast or Milwaukee screwdriver, the combination must no longer be used.

Always make sure that the desired direction of rotation of the impact wrench is activated.

3. Technical data

Designation	ValLink
Weight (kg) without an impact wrench	**0.8**
Length (mm)	**165**
Broad (mm)	**100**
Height (mm)	**103**
ValLink available for the following impact wrench types	**Milwaukee ONEFHIWF 12/34** **Makita DTW1002 & 1001** **DeWalt DCF899** **Metabo LTX1750** **Bosch GDS1050** **Makita TW001 40**

4. Product description



(1)	Eccentric clamp
(2)	Mounting screws
(3)	Tape measure attachment slot

5. Commissioning

Only trained personnel are qualified for commissioning.

Attachment to impact wrench

Make sure you have the correct type of impact wrench by matching the impact wrench model designations to the ValLink model designations.

Before mounting, the three red-marked Allen screws of the Milwaukee screwdriver must be loosened. Completely unscrew the marked screws.

Apply a drop of screw lock (Loctite) to the three screw heads to reliably prevent the screws from loosening during operation.

Then slide the ValLink onto the impact wrench and tighten the ValLink with the three screws you removed.

Attention: Max. torque 9.8 Nm

Adjust the clamp to the appropriate axial position to ensure a secure grip on the tube along the full axial length of the clamp.

The clamping tube on the ValFast must be free of damage or deformation and free of oil and grease.

6. Operation

Using the ValLink with the forestry tape when felling trees

The tree must be prepared according to current safety felling techniques. The ValFast is inserted into the tree according to the specifications in the instructions. When applying it is particularly important to ensure that the ValFast is sufficiently anchored in the tree. All nubs of the spindle wedge must be firmly seated in the wood, otherwise the ValFast may be pushed out of the cut and the tree may tip over unintentionally.

The impact wrench is to be fixed to the ValFast using the clamping device. The ValLink must be facing the ground, so the impact wrench must be placed upside down on the ValFast. This prevents the forest tape measure from slipping off the impact wrench‘s push button due to gravity.

Additionally secure the tree with a conventional wedge.

Care must be taken to ensure that the clamp assembly between the impact wrench and ValLink is firmly secured to prevent loosening during impact wrench operation.

The forest measuring tape is then placed on the ground at the desired distance and lightly fixed.

The beginning of the measuring tape is pulled to the ValFast and hooked onto the ValLink as shown in the figure below and guided over the push button of the impact wrench.

The tree is cut so far that it can be felled by the ValFast.

The correct direction of rotation of the impact wrench is then checked. The forest worker starts the felling from the desired position by pulling the forest measuring tape. However, no more than 10 m away from the trunk.

The forestry tape measure must not be attached to the forest worker during felling so that a quick retreat is possible at any time without the forest worker being held by the tape measure.

It must be ensured that the forest worker has a clear view of the ValFast and the tree trunk.

The forest measuring tape must not be impeded by branches or treetops.

The ValFast may only be operated up to the maximum extension length.

Using the ValLink with the DrillFast in earth boring operations

The ValLink is the connecting element between the impact wrench and DrillFast.

Connect DrillFast and ValLink to the drilling unit, do not use force. Slide the DrillFast into the ValLink and fix it with the eccentric lever and screw the handle into the ValLink.

The DrillFast/ValLink clamping area must be free of oil or grease.

To drill, push the drill unit into the ground until the impact wrench activates impact mode.
After 3 – 4 seconds, pull the DrillFast out of the borehole to remove the accumulated drilling material. Then continue drilling.

When drilling, make sure you have a secure footing and a back-friendly posture. The machine can be operated with 2 hands. If possible, work at high speed during operation, this reduces the energy consumption and wear of the tool. Check the DrillFast for damage, freedom of movement, wear and tear and cracks.

7. Service & Maintenance

Only instructed (skilled) personnel or an electrician are qualified for maintenance and repairs.

- The ValLink must be visually inspected for damage before each use.
- Grease must be removed from the inner diameter of the eccentric clamp.

8. Disposal

The ValLink can be disposed of by an authorized specialist company.

No polluting or toxic materials were used in the manufacture.

Dispose of **components** sorted.

9. Guarantee

For the ValLink, we guarantee the function and accuracy of the material from 12 months from the date of delivery. This does not cover the consequences of common wear and tear, overload, improper treatment or the installation of foreign spare parts.

A warranty can only be accepted if the device is not disassembled for testing. Damage caused by material or manufacturer errors is removed free of charge through replacement delivery or repair.

10. Customer service & Application advice

Customer service answers your questions about the operation, maintenance, repair and disposal of the product.

Email: info@bast-ing.de

Phone: +49 (0)8042 50631-0

11. EC Statement of Conformity

The manufacturer: **BaSt-Ing GmbH**
Fleck 34
83661 Lenggries
Phone: +49 (0)8042 50631-0

hereby declares that the following product:

Product name: **ValLink**

Built: **from 02/2023**

complies with all relevant provisions of the **Machinery Directive (2006/42/EC).**

The following harmonised standards were applied:

EN ISO 12100 Safety of Machines – General Design Guidelines
Risk assessment and risk reduction

Lenggries, 01.02.2023

V1 03/2023
Subject to technical changes.