



User information

S-Hooks

Article numbers

1600-1710	RAL 3000
1620-1750	RAL 3000
1800	RAL 5011
1850	V2A
1860	Galvanized

Original documentation in the German language
Translations into other languages are generated from the German original

1. **Information**

- The products fulfil the requirements of the European Union, in particular the Machinery Directive 2006/42/EC
- Overall, our company is qualified in accordance with the Quality Management System ISO 9001
- The manufacture of the individual parts is subject to on-going, strict, intermediate control-checks
- For the operation of hoisting gear, the stipulations of the German Legal Personal Accident Insurance DGUV Specification 52, DGUV Specification 54 and DGUV Regulation 100 - 500 (among other things) apply in the Federal Republic of Germany.
- After installation, our products are subjected to a final control check.
- The assured performance capability of the products and the fulfilment of possible guarantee claims presuppose compliance with all specifications of these directions.
- The products are packed properly. Nevertheless check your goods on receipt for damage incurred during transit. Report possible complaints arising immediately to the transportation company.

These directions enable the safe and efficient handling of the product.

We refer to the prescribed tests before commissioning for the first time, before reuse and regularly-recurring tests. In other countries, the specifications that apply there should also be considered.

2. **Safety** - Duty of the operator to take care

The product has been designed and constructed considering a risk analysis, a careful selection of the mandatory standards to be adhered to, as well as further technical specifications. It therefore corresponds to the state of the art and guarantees a maximum level of safety. However, this safety level can only be achieved in operational practice when all measures required for this are taken.

Planning these measures and checking their implementation is subject to the duty of the operator of the product to take care.

In order to take into consideration special operational features, e.g. regarding work organisation, work flows and deployed staff, the operator must supplement the user information to include instructions, including supervisory and reporting obligations.

In particular, the operator must ensure that:

- the product is only used as directed.
- the product is only operated in a trouble-free, functional state.
- the product is tested.
- only qualified and authorised personnel operate the product.
- the staff are regularly instructed with regard to occupational safety and environmental protection, and also have a knowledge of the operating instructions.

2.1 **Safety** - Requirements of the operating staff

Qualified persons may only be entrusted with the autonomous operation of the product, who are suitable and can be entrusted with this task.

They must be instructed by the company to carry out the operation.

Before commencing work, the staff need to have read the user information and in particular, the chapter on safety instruction.

In order to prevent very serious injuries, the following are to be considered when working with the device:

- Wear personal protective equipment
- No long hair
- Remaining under suspended loads is prohibited.

2.2 **Safety** - Utilisation as directed

- The product is used for the vertical lifting and lowering of non-guided loads.
- For use as directed, the operating, maintenance and maintenance conditions of the manufacturer must be complied with.
- Continuous use in temperatures up to 200°C causes no harm.

If the product is not used as directed, safe operation cannot be guaranteed.

The operator has sole responsibility for all personal injuries and damage to property that arises as a result of unauthorised use.

2.3 **Safety** - Basic safety measures

- Before each operational start-up, every S-hook must be checked for deformations or other changes.
- The load may only be taken up in the hook base.
- The dimensions and shape of the load to be raised must be adequate to fit the hook mouth.
- It is not permissible to exceed the load-bearing capacity.

- Any loading of the hook tip is not permissible.
- Caution should be exercised where the hook mouth is bent open and the hook protection cannot perform its task any longer.
- Any repairs to the S-hook are prohibited. In case of structural change, the S-hook must be taken out of operation.

3. Storage

- Store the product in a dry and clean location.
- By means of suitable covering, protect the product against dirt accumulation, moisture and damage.
- Protect the product against corrosion.
- Protect the product against chemical substances, gases and vapours.
- The storage location may not be warmer than 200°C.

4. Description - Product description

This user information describes S-hooks. Those S-hook produced with special dimensions are included here as well.

The S-hooks are manufactured

of high-strength material	=	Article No. 1600 to 1750 / RAL3000
or of general-purpose structural steel	=	Article No. 1800 /RAL1028
or of rustproof steel	=	Article No. 1850
or of heat-treated steel	=	Article No. 1860 / galv. zinc coated

and powder-coated.

These design implementations are also supplied with hook protection Article No. 1620 / 1640 / 1730 / 1750.

The following information is stamped on the S-hooks:

Manufacturer marking:	GF
Load-bearing capacity:	in kg
Date of manufacturer:	Month and year
CE Identification:	CE

4.1 Description - Handling

S-hooks are mostly a linking element between the crane and the load, in combination with a chain, cable or hoisting sling.

- S-hooks may only be loaded in a vertical direction.
- The hook tips may not be loaded - risk of breaking.
- The load must be lashed so that it cannot slide or jump from the hook opening during lifting and transport.

- The S-hooks may be employed only in such a way that nobody is endangered or no property is damaged.
- Remaining under suspended loads is not allowed.

5. Commissioning

Use in the Federal Republic of Germany:

Note the stipulations of the German Legal Personal Accident Insurance - Regulation 100 - 500.

Use in other countries:

Testing as above. National stipulations and the specifications in these directions must be followed!

Devices with a load-bearing capacity of up to of 1000 kg and immobile devices / devices with lifting mechanisms must be approved by a "qualified person" before being commissioned for the first time.

Devices with a load-bearing capacity above 1000 kg or with more than one power-operated crane movement – e.g. except lifting / trolley drives - must be accepted by a "certified qualified person" before commissioning for the first time.

6. Testing

In order to guarantee safe working with S-hooks, it is necessary that the device is checked by a "qualified person", according to DGUV - Regulation 100 - 500, at least once annually.

In this case, any cracks and deformations must be noted in particular.

Test verification

- The company must maintain verification of the recurring tests.

This verification must include the following specifications:

- A) Date and scope of the test, with specification of partial tests possibly still outstanding.
- B) Result of the test, with information about any defects determined.
- C) Evaluation, if there are any objections to continued operation.
- D) Specifications about necessary revision tests.
- E) Name, with address and signature, of the tester.

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- The company must ensure that the elimination of the defects established during the test is recorded in the inspection log.
- The company must ensure that evidence of the test verification can be inspected if required.

	<u>Customer</u>	<u>Manufacturer</u> Gebr. Fetting GmbH Osemundstr. 20-22 58566 Kierspe
<u>Date</u>	Test Certificate for load-bearing equipment in hoisting gear operation in accordance with DGUV Regulation 100-500	<u>Year of manufacture</u>
<u>Order number</u>		<u>Test number</u>
<u>Test weight in kg</u>	<u>Designation</u>	<u>Stamp / Signature</u>
<u>Load-bearing capacity in kg</u>		
Recurring tests		
<u>The recurring test was implemented</u> <u>- NO defects were determined -</u>	<u>Name/company of the tester</u>	<u>Date / Signature</u>
<u>Test findings</u>		
<u>The recurring test was implemented</u> <u>- NO defects were determined -</u>	<u>Name/Company of the tester</u>	<u>Date / Signature</u>
<u>Test findings</u>		

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EC - Declaration of Conformity

Corresponding to the EC - Machinery Directive 2006/42/EG, Appendix IIA

We hereby declare that the machine/equipment designated below, based on its design and construction type, as well as in the implementation brought onto the market by us, corresponds to the basic health and safety requirements of the EC Machinery Directive 2006/42/EG, as well as to the harmonised and national standards listed below, including technical specifications. In case of any change to the machine/equipment not co-ordinated with the manufacturer, this declaration loses its validity.

Furthermore, this declaration loses its validity when the machine/equipment is employed not in accordance with the cases indicated in the user information, according to specification and the tests to be implemented regularly, according to BetrSichV and DGUV Regulation 100 - 500, are not carried out.

Designation:

S-Hook

Article number:	1600-1710	RAL3000
	1620-1750	RAL3000
	1800	RAL5011
	1850	V2A
	1860	galv. zinc-coated

Manufacturer

Gebr. Fetting GmbH
Osemundstrasse 20 - 22
58566 Kierspe

Employed harmonised standards

DIN EN ISO 12100
DIN EN ISO 13155
DIN 1677-5

Employed national standards and technical specifications

DGUV Regulation 100 - 500
BetrSichV

Person authorised to carry out the
compilation of the conformity
documentation

Peter Fetting
Osemundstrasse 20 - 22
58566 Kierspe

Kierspe, dated 02.12.2014

Peter Fetting, Managing Director