Evers
... sichert Produktwerte

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SpanSet®

NoCut® sleeve

NoCut® wrap

NoCut® pad

NoCut® bumper

SpanSet Certified Safety

EN

Evers
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EN **Operation Manual**
**NoCut®**

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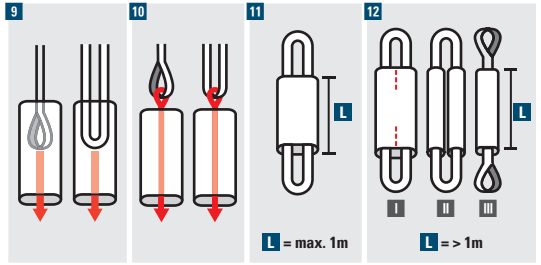


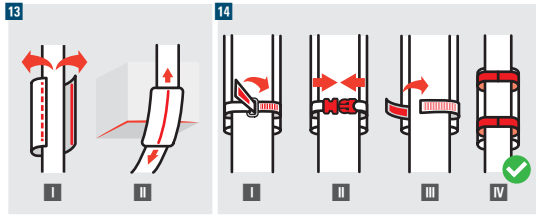


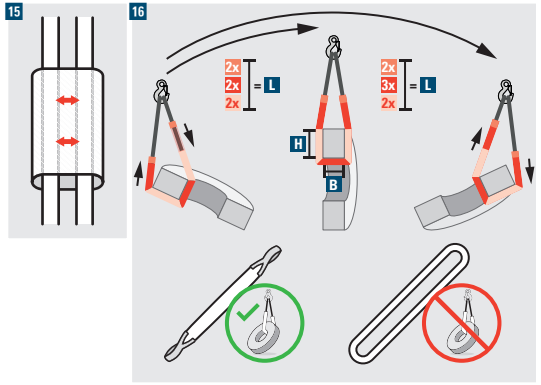

Evers ... sichert Produktwerte

**20**

| Produkt[1] | | NoCut® sleeve / NoCut® wrap | | | | | | | NoCut® pad 2-lagig[2] | | | | | NoCut® pad 4-lagig[3] | NoCut® bumper |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Radius[4] [mm]** | | **0** | **1** | **2** | **3** | **4** | **6** | **10** | **0** | **1** | **2** | **3** | **7** | **0** | **2** |
| Hebeband[5] HB/PB (Liftfix) | ≤ 10t | ✓* | | | | | | | ✓ | | | | | ✓ | ✓ |
| Hebeband[5] PCS/HCS | ≤ 10t | ✓* | | | | | | | ✓ | | | | | ✓ | ✓ |
| Liftfix; SupraPlus® X; twintex® | ≤ 5t | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ |
| Liftfix; Magnum® Plus, -Flex; SupraPlus® X; Twintex® | ≤ 10t | | ✓ | | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, -Flex; Liftfix | ≤ 20t | | | ✓ | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, Liftfix | ≤ 25t | | | ✓ | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, -Flex; Liftfix | ≤ 30t | | | | | | ✓ | | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, -Flex; Liftfix | ≤ 40t | | | | | | ✓ | | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, -Flex; Liftfix | ≤ 50t | | | | | | | ✓ | | ✓ | | | | ✓ | ✓ |
| Magnum® Plus, Liftfix | ≤ 60t | | | | | | | | | | | | ✓ | ✓ | |
| Magnum-X® | ≤ 10t | | | ✓ | | | | | ✓ | | | | | ✓ | ✓ |
| MagnumForce®, MagnumForce® Green | ≤ 10t | | | ✓ | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum-X® | ≤ 20t | | | | | ✓ | | | | | ✓ | | | ✓ | ✓ |
| MagnumForce®, MagnumForce® Green | ≤ 20t | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum-X® | ≤ 30t | | | | | | ✓ | | | | | ✓ | | ✓ | |
| MagnumForce®, MagnumForce® Green | ≤ 30t | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum-X® | ≤ 40t | | | | | | | | | | | | ✓ | ✓ | |
| MagnumForce®, MagnumForce® Green | ≤ 40t | | | | | | | | | ✓ | | | | ✓ | ✓ |
| Magnum-X® | ≤ 50t | | | | | | | | | | | | ✓ | ✓ | |
| MagnumForce®, MagnumForce® Green | ≤ 50t | | | | | | | | | | | ✓ | | | |
| Magnum-X® | ≤ 60t | | | | | | | | | | | | ✓ | ✓ | |

*Anwendung nur mit NoCut Sleeve zulässig

**EN** **1** product, **2** 2-layer, **3** 4-layer, **4** radius, **5** lifting strap, ***** Use only with NoCut sleeve
**FR** **1** produit, **2** 2 couches, **3** 4 couches, **4** rayon, **5** élingue en ruban, ***** Application autorisée uniquement avec NoCut sleeve
**NL** **1** product, **2** 2-laags, **3** 4-laags, **4** radius, **5** hijsbanden, ***** Toepassing alleen toegestaan met NoCut sleeve
**IT** **1** prodotto, **2** 2 strati, **3** 4 strati, **4** raggio, **5** nastri di sollevamento, ***** Applicazione consentita solo con NoCut sleeve
**ES** **1** producto, **2** 2 capas, **3** 4 capas, **4** radio, **5** correa de elevación, ***** Aplicación solo permitida con NoCut sleeve

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Dear SpanSet customer, we would like to congratulate you on your purchase of NoCut. You have chosen a quality product that guarantees a long service life when used as intended. These operating instructions provide you with information on correct and safe use. Ask your SpanSet specialist dealer or SpanSet application engineer if you require further information. In addition to a large range of slings, you will find the entire lifting technology range as well as other products for load securing technology and personal protective equipment at www.spanset.de. Your SpanSet group of companies.

Do not use NoCut until you have read and understood the operating instructions in full! Also observe and follow the operating instructions for the slinging equipment that you use together with NoCut as well as the general rules (see also "Useful information and training") for lifting loads. The operating instructions must be passed on with the product .

**Danger!** Failure to observe these particularly important instructions may result in loss of protection! Serious accidents resulting in injury or even death are possible

Please observe the symbols on the fold-out page, which are explained under the numbering below:

1. Do not use damaged or worn NoCut products!
2. Never apply NoCut to burrs or uneven edges!
3. Never apply NoCut twisted!
4. The length and width of NoCut must correspond to the area of the lifting gear to be protected!
5. Do not place the load on NoCut, do not crush NoCut!
6. It is strictly forbidden to slide the load in NoCut!
7. Load-bearing strands must not twist, cross or overlap in NoCut!
8. No load protrusions permitted!

## Table of contents

1 Functional description
2 Safety instructions and handling
3 Operating NoCut
4 Inspection, maintenance, repair and decommissioning
5 Storage and cleaning
6 Useful information and training

## 1 Functional description

NoCut is used as intended to protect textile slings from sharp edges when lifting loads by the instructed slinger and is available in four designs:

**NoCut® sleeve:**
Woven protective sleeve for pulling onto the lifting gear with the same high level of cut protection on both sides.

**NoCut® pad:**
Cut protection plate for attaching to the lifting gear with one-sided cut protection.

**NoCut® wrap:**
The NoCut wrap is an advanced edge protection based on the proven NoCut sleeve technology.

**NoCut® bumper:**
NoCut bumper consists of a NoCut sleeve with internal webbing layers that increase the radius at the deflection and attachment points of the load.

NoCut can be recognized by three woven-in blue identification threads. Any modification to NoCut is prohibited. The products in the NoCut series are woven from high-performance fibers.

## 2 Safety instructions and handling

– Make sure that loads are only attached by trained slingers.
– Only use NoCut in combination with SpanSet slings.
– It is prohibited to use NoCut for anything other than its intended use.
– Always avoid loads that exceed the loads associated with the function of NoCut.
– The use of NoCut in conjunction with chemicals is only permitted after consultation with the manufacturer. The following information is required: Chemical, concentration, temperature, dwell time.
– Before use, make sure that the lifting gear is undamaged and that NoCut is correctly positioned for use.
– Do not use NoCut outside a temperature range of - 40°C to + 70°C 18.
– When using NoCut, observe the rules of the German Social Accident Insurance Institutions, DGUV Rule 109-017.
– Operating load handling attachments and slings in hoist operation and keep the NoCut operating instructions in a safe place.

## 3 Operation of NoCut®

### 3.1 Fitting NoCut® to the lifting gear

In this context, please also refer to 3.3 "Selecting the right size" and 3.4 "Positioning on the load". If the sling is already captively connected to NoCut at the factory, there is no need for assembly.

## 9 How to mount NoCut® sleeve

I. Insert the sling into the hose openings.
II. pull the protective sleeve over the sling until its center protects the sling from the subsequent sharp-edged load.

It may be difficult to pull long NoCut sleeve protective sleeves onto the sling! In such a case, first feed a thin strap or rope through the protective sleeve. Attach the end of the strap/rope to the corresponding sling 10. Now you can use the strap/rope to pull the sling through the protective sleeve. Please also refer to 3.3 Selecting the right size.

The combination of round slings with NoCut sleeve across the single leg (as shown in figure 5 12 II) is available as a special item. The protective sleeve and round sling are inseparably connected/married during production. We would be happy to assist you with the selection and combination.

The combination of round slings with NoCut sleeve over both strands (according to figure 3 12 I) is possible as a special item with guide seam on both sides from a protective sleeve length of > 1 meter. The protective sleeve and round sling are inseparably connected/married during production. We are happy to assist you with your selection and combination.

When determining the length of NoCut sleeve in combination with lifting slings, the length of the sleeve must not exceed the free bearing area.

11 12 The sharp-edged load can now be attached.

## 13 To assemble the NoCut® wrap

I. Open the NoCut wrap at the hook and loop fastener.
II. position the NoCut wrap over the sling until its center is positioned over the sharp edge of the sling.

Please also refer to 3.3 Selecting the right size.

The sharp-edged load can now be attached.

The hook and loop fastener of NoCut wrap must be positioned opposite the support surface!

**Attention!** NoCut wrap must not be used for twisting and turning!

**Attention!** Installing NoCut wrap as shown in figure 3 is not recommended!

### 14 How to fit the NoCut® pad

When slinging with round slings, it must be decided in advance whether one or both strands of the round sling are to be protected. Please also refer to 3.4 Load arrangement.

**Fastening systems:**

I. Frame buckle: Pass the webbing through the frame buckle, pull tight and secure with Velcro, Figure 14 I.

II. buckles: Close the buckles and pull tight at the strap ends, Fig. 14 II.

III Velcro fastener: Place the shorter side of the Velcro fastener tightly on the sling and close tightly with the longer side, Fig. 14 III.

14 IV The NoCut pad is now fixed and can be attached to the load. It is essential to refer to the radius table 20 to assess the sharpness.

As the length increases, NoCut pads should be secured against twisting with additional fixing loops. This is the only way to protect the sling against the cutting effect of the sharp edge. The fixing loops must not rest against the sharp edge, but should be positioned in the immediate vicinity of the edge. For this reason, additional loops are sewn with the corresponding fixing aids from an order length of 0.75 m. The fixing aids serve to stabilize the NoCut pad and prevent the sling from slipping.

**Danger!** The correct position of the NoCut bumper must be checked before lifting! The ends of the NoCut bumper must protrude evenly on both sides by at least 50 mm beyond the width of the lifting gear 19!

### 3.2 Edge radius

Edge radii **≥ 1 mm**: If edge radii of **1 mm** or more are present, you can use NoCut subject to the restrictions set out in the radius table 20. Edge radii **< 1 mm**: For edge radii **< 1 mm**, the lifting process must be planned and carried out with particular care to ensure that the lifting gear remains undamaged 17. In this case, always contact your dealer or SpanSet for technical support before using the product. Note: NoCut sleeve products are generally not suitable for radii **< 1mm** for round slings!

Please refer to the table 20 on the fold-out back.

The values marked with a tick in the table 20 refer to the smallest radius at which the NoCut series product named in the table header may still be used. Larger edge radii are included by the respective marking.

Never use NoCut on edges where sharp burrs protrude or on edges that are unevenly shaped (e.g. steps, notches and splinters).

### 3.3 Selecting the Right Size

Select the NoCut size appropriate for your lifting device. The cross-section of the lifting device must not be constricted. Also consider that the support width of the round sling increases under load! When placing NoCut over both legs of a round sling, ensure that both legs fit side by side, do not cross over, and do not overlap. **15** The length limit for NoCut wrap depends on the lifting device used. For round slings, the protective length may not exceed $0.8 \times L_1$, and for lifting straps, it may not exceed $0.6 \times L_1$.

### 3.4 Positioning on the Load

When using a NoCut pad, the lifting device must be supported across its entire width. Ensure that the NoCut pad is secured to the lifting device in such a way that the sharp edge is covered during the entire lifting process. When using NoCut pads in combination with round slings, please ensure that the individual NoCut pad, even if it has sufficient overhang, is only suitable for protecting a single strand.

### Using NoCut® bumper

The NoCut bumper is supplied without any fixing aids and must be placed between the lifting gear and the load so that it is clamped during lifting.

### 3.5 Turning Sharp-Edged Loads

Protective sleeves are essential when turning and erecting coils. The lifting sling is hooked onto the crane hook and attached to the load with the protective sleeve **16**. During lifting, the lifting sling must move freely within the protective sleeve, while the sleeve is firmly in place against the load. Our tips for safe turning:

– Lifting and turning only in combination with a lifting sling and NoCut sleeve.
– The lifting sling must be positioned exactly at 12 o'clock in the eye of the coil.
– Only individual, unwrapped, and neatly wound coils may be turned.
– A non-slip surface, such as the secutex turning mat, and spacers (e.g., squared timber, secutex beams) must be used.
– The coil must be prevented from rolling into the lifting sling or slipping across the lifting sling. Avoid pulling out a coil at an angle.

**16 Turn 90°**

**Step 1:** Minimum length of **L** protective tube
2 x **H** [Height] + 2 x **B** [Width] + 2 x overhang 25 cm = **L** protective tube

**Step 2:** Minimum length of **L** lifting strap
1.5 x protective tube + 2 x loop length = **L** Lifting sling

**16 Turn 180°**

**Step 1:** Minimum length of **L** protective tube
2 x **H** [Height] + 3 x **B** [Width] + 2 x overhang 25 cm = **L** protective tube

**Step 2:** Minimum length of **L** lifting sling
2 x protective tube + 2 x loop length = **L** lifting sling

Please also see 3.4 Load Arrangement take into account.

Turning sharp-edged loads with NoCut sleeves may only be carried out in combination with SpanSet lifting slings.

When lifting and turning coils, only NoCut sleeves may be used.

Further product information and the NoCut product finder can be found on the website www.spanset.de.

### 3.6 Operating NoCut®

Due to the material properties, high surface pressures can lead to plastic deformation of the NoCut products, which can have an unfavorable effect on the round sling. Therefore, when using round slings above a WLL of 10 tons, especially with NoCut sleeves, care must be taken to ensure smooth slinging surfaces (see also 2) . Under no circumstances should additional protective sleeves be used on the contact surfaces, as these can lead to additional wrinkling.

### 4 Inspection, maintenance, repair and decommissioning

NoCut must be checked for obvious defects and soiling before each use. If you discover any defects that impair safety, you must no longer use NoCut. NoCut must no longer be used if you discover any of the following defects:

– Traces of exposure to heat
– Damage caused by exposure to aggressive substances such as acids or alkalis
– Contamination by hardening substances such as varnishes, adhesives, etc.
– Completely or partially severed yarns
– Cuts/holes/crushed areas
– Thread displacements in the fabric/unevenly dense fabric
– Large areas of hardening that lead to loss of flexibility, unless these can be worked out by kneading with little effort.
– Unevenly wide fabric
– NoCut pad: defective seams/fastening elements impaired in their function
– NoCut pad / NoCut bumper: visibility of the colored inner band if the fabric is damaged.

Repairs may only be carried out by the manufacturer or a person authorized by the manufacturer. Repairs to the NoCut are limited to the fastening elements of the NoCut pad. If the cut-resistant fabric of NoCut is damaged, it cannot be repaired. NoCut must then no longer be used. NoCut can be disposed of with household waste as long as the fabric is not contaminated by e.g. oils or operating materials. If the fabric is contaminated

by chemicals, NoCut must be disposed of as hazardous waste.

## 5 Storage and Cleaning

Store NoCut in a cool, dry, well-ventilated place, and free from chemical influences. Air dry NoCut only. To accelerate drying, do not heat directly; instead, dry in a well-ventilated area at room temperature. Remove any foreign matter such as metal shavings, sand, etc. Rinse NoCut with water if necessary. Dirt may reduce the adhesion of the NoCut wrap. Remove coarse dirt with tweezers, then carefully clean the hook-and-loop fastener with a small brush in one direction until it is largely clean.

## 6 Useful information and training

NoCut is used primarily to protect round slings according to DIN EN 1492-2 and lifting straps according to DIN EN 1492-1 against sharp-edged loads. The manufacturing process for NoCut sleeve, NoCut pad, NoCut wrap, and NoCut bumper is DIN EN ISO 9001 certified. Observe the German Industrial Safety Ordinance (Betriebssicherheitsverordnung) and local occupational safety regulations for the use of textile lifting gear, such as the rules of the professional associations in Germany. Further information and sources of the regulations are available from your SpanSet dealer or directly from SpanSet. NoCut is woven from high-performance UHMPE fibers.

| | |
|---|---|
| EN | Language code: English |
| | Mandatory reading: Follow warnings and safety instructions |
| | Warning: Special care and attention |
| | Prohibition sign |
| | Handling information |

Use SpanSet training courses and instructions to train and educate your employees. At the safety training center, we offer regular seminars in the areas of slinging, load securing and height safety technology. Of course, we can also train you on site. Enquire or visit our seminar pages on the Internet: www.spanset-seminare.de
Take advantage of the know-how of the SpanSet specialists in the preparation and design of expert reports, risk assessments, hazard analyses and operating instructions.