

02.7 PROTECTIVE SLEEVES

NoCut®

Certified: DEKRA-tested!

The protective effect of NoCut® sleeve and NoCut® pad was tested on edges with varying degrees of sharpness and certified by DEKRA.



Movie: NoCut® in operation!

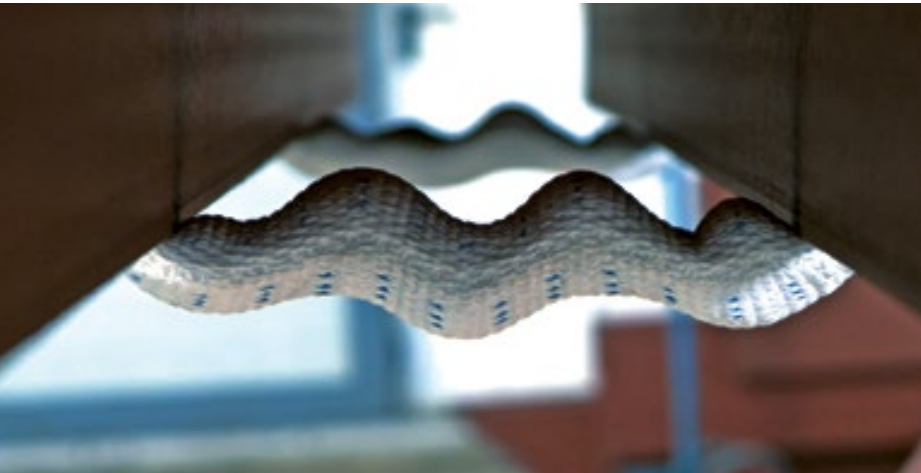
Want to see how NoCut® works e. g. when raising or lifting sharp-edged loads? Watch the application video at www.spanset-nocut.de. Simply scan the QR code.



02.7 PROTECTIVE SLEEVES

NoCut®

- Very low dead weight
- Flexible construction
- Unique ribbed structure enables turning and rotating of sharp loads
- High operational safety due to tested quality
- High cut resistance
- Sewn label with handling instructions



NoCut® – the textile high-tech cut protection

Optimal protection against the „sharp edge“

In addition to the external factors, such as temperature, chemical environment or mechanical stress, „sharp edges“ still represent one of the main causes of damage to the lifting gear itself and are therefore a frequent cause of accidents. The majority of damages on sharp or rough edges occur by moving the load transversely to the lifting gear. If the edge is „sharp“, it can, in the worst case, cut through the lifting gear – accidents and damage are bound to happen. You should therefore protect your lifting gear with edge protection made of high-performance fibres developed especially for sharp edge: NoCut®!

Cut protection made of high-performance fibres

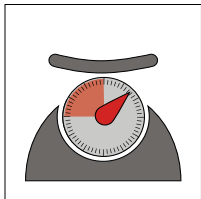
The high cut and wear resistance of HMPE (high-molecular polyethylene) led to the development of NoCut® sleeve and NoCut® pad. A trend in lifting technology! Because of their excellent properties, high-performance fibres are being used more and more frequently in the development of textile cut protection, sleeve hoses and lifting gear.

For the development of NoCut®, special testing equipment was constructed and built to allow the cut resistance of the fabric to be determined while testing the cutting impact at nominal load. The protective effect of NoCut® sleeve and NoCut® pad was tested on edges with varying degrees of sharpness and certified by DEKRA. Defined knowledge that does not leave any question unanswered during use and that has been certified by DEKRA!

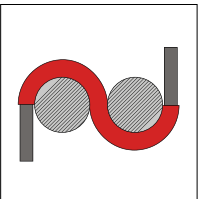
Excellent properties

Of course NoCut® has been adapted to the different widths of the SpanSet flat slings and round slings. NoCut® is therefore excellent for protecting textile lifting gear, such as PowerStar flat slings and SupraPlus round slings – especially against damages caused by sharp edges when lifting loads. NoCut® cut protection has a very low dead weight and a compact design to ensure particularly ergonomic handling with less effort.

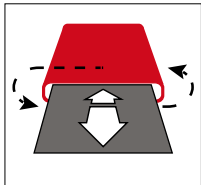
Learn more about NoCut® sleeve and NoCut® pad on the following pages!



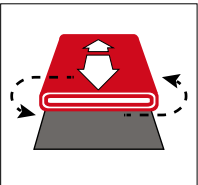
Low dead weight



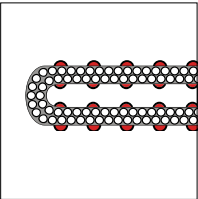
Flexible construction



Equally high all-round cut resistance



Tested cut protection



Unique ribbed structure

NoCut® sleeve

- Very low dead weight
- Flexible fabric construction
- Unique ribbed structure enables raising of sharp loads
- High operational safety due to tested quality
- High cut resistance
- Sewn label with handling instructions



NoCut® sleeve



NoCut® sleeve – woven protective sleeve for more safety

NoCut® sleeve is a woven protective sleeve for flat slings and round slings. The protective sleeve is simply slid over the lifting gear and positioned on the sharp edge of the load to protect the lifting gear. To protect the lifting gear, the fabric sleeve can also be used either for flat slings as shown in Fig. 1 or for round slings as shown in Fig. 3. On request, the single legs of a round sling can also be fitted with NoCut® sleeve as shown in Figure 5.

Flexible and extremely cut-resistant

NoCut® sleeve is designed with a fabric rib on both sides. On the outside, the ribbed design increases the cut resistance, and on the inside it makes it easier for the lifting gear to slide back and forth in the sleeve, which enables raising of sharp-edged loads. The textile construction of NoCut® sleeve is supple and flexible, allowing NoCut® to be easily positioned on the load even in tight spaces.

The design of the sleeve with equally high all-round cut resistance allows for a long service life, as it can be used on both sides, and offers the highest level of operational safety, as application errors are excluded. This is further supported by the label with handling instructions and clear identification sewn into the NoCut® sleeve.

Low dead weight

Products of the NoCut® series have a markedly low dead weight in comparison with conventional protective sleeves and are thus easier to handle. The material HMPE enables the use of NoCut® sleeve at a temperature range of -40 °C to +60 °C. The protective sleeve is delivered as a prefabricated cut with trimmed ends.

Tested safety

The cut resistance of NoCut® has been successfully tested in the laboratory and in field tests and certified by DEKRA. On page 86 you will find details about the edge radii on which NoCut® sleeve can be used.

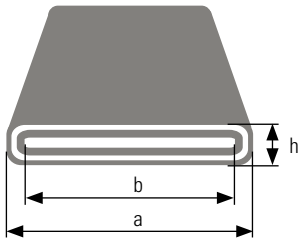
NoCut® sleeve – protective sleeve with a low dead weight

The protective sleeve NoCut® sleeve is available for use with flat slings and round slings with lengths in 250-mm increments as standard. Widths of 45 mm to 315 mm are available, so

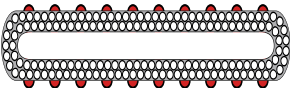
that NoCut® sleeve is suitable for both the compact 0.5-t SupraPlus and for the 25-t powerhouse MagnumPlus sling.

Designation NoCut sleeve	Approx. outside width a [mm]	Approx. outside height h [mm]	Approx. weight per running m [kg]	combinable with flat slings as shown in Fig. 1	combinable with round slings as shown in Fig. 3
NCS-045	55	13	0,4	PowerStar 1.000 Liftfix 1.000	
NCS-075	85	13	0,6	PowerStar 2.000 Liftfix 2.000 CS-Hebeband 2.000	SupraPlus 500, 1.000, 2.000 Twintex 1.000, 2.000 Liftfix 500, 1.000, 2.000
NCS- 105	115	13	0,8	PowerStar 3.000 Liftfix 3.000 CS-Hebeband 4.000	SupraPlus 3.000, 4.000 Twintex 3.000 Liftfix 3.000 Magnum-X 10.000
NCS- 135	145	13	1,1	PowerStar 4.000 Liftfix 4.000 CS-Hebeband 6.000	SupraPlus 5.000, 6.000 Twintex 4.000 Liftfix 4.000
NCS- 165	175	13	1,4	PowerStar 5.000 Liftfix 5.000 CS-Hebeband 8.000	SupraPlus 8.000 Twintex 5.000, 6.000, 8.000 Liftfix 5.000, 6.000, 8.000 Magnum-X 20.000
NCS- 195	205	13	1,6	PowerStar 6.000 Liftfix 6.000 CS-Hebeband 10.000	Liftfix 10.000 MagnumPlus 10.000
NCS- 255	265	13	2,0	PowerStar 8.000 Liftfix 8.000 CS-Hebeband 12.000	Liftfix 15.000
NCS- 315	325	13	2,7	PowerStar 10.000 Liftfix 10.000 CS-Hebeband 16.000	Liftfix 20.000, 25.000 MagnumPlus 20.000, 25.000

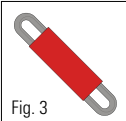
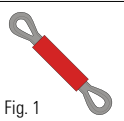
NoCut® sleeve is available in outer widths of up to 325 mm.



Unique ribbed structure of NoCut sleeve with equally high all-round cut resistance.

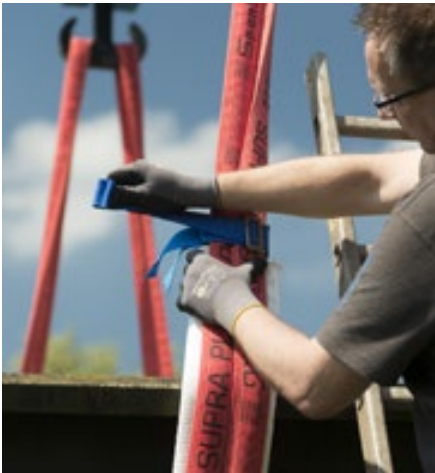


i Protective sleeves can also be fitted by the user as shown in Fig. 1 and Fig. 3. Fitting by the factory as shown in Fig. 5 on request. Special designs available on request.



NoCut® pad

- Very low dead weight
- Flexible fabric construction
- Unique ribbed structure enables raising of sharp loads
- High operational safety due to tested quality
- High cut resistance
- Sewn label with handling instructions



NoCut® pad



NoCut® pad – protective plates against the „sharp edge“

NoCut® pad for round slings and flat slings is the combination of NoCut® sleeve with an internal fabric bridge that has fastening elements (see table) on both ends. NoCut® pad is mounted there where the lifting gear lies flat against the sharp edge. For the user this means: High flexibility, low material requirement and high safety when handling sharp-edged loads! The size of the edge protection can be exactly dimensioned for the danger area and precisely positioned on the sharp edge.

Multiple layers against sharp edges
NoCut® pad is offered as a 2-layer or 4-layer version. This multilayer design achieves an extremely high level of cut protection and offers the user many options, also for critical lifting procedures. Even the smallest edge radii are no problem for the pads (see p. 86).

As with NoCut® sleeve, use of the high-performance fibres allows the user to deploy the textile protective plate in temperatures ranging from -40 °C up to +60 °C.

NoCut® product finder
All SpanSet flat slings and round slings can be protected against sharp edges with NoCut® pad. Should you be unable to find the right pads using the table below, you can use the NoCut® product finder, which helps you to easily identify the right NoCut® product for textile lifting gear in just a few steps online (p. 87).

NoCut® pad – various NoCut® fastening elements

Different designs

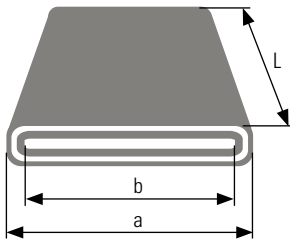
NoCut® pad offers the user three alternatives to fasten the protective plate to the lifting gear: Velcro strap **1**, Velcro strap with a frame buckle **2** or 2-piece metal buckle (frame or triple bridge) **3**.

As standard, NoCut® pad is produced in lengths from 500 mm to 1,500 mm in 250-mm increments. The maximum width of the NoCut® pads is 315 mm.

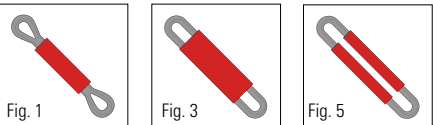
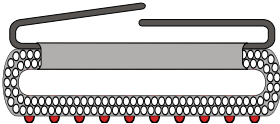
Additional attachment loop

NoCut® pad is usually used in short lengths. Additional attachment loops are available for longer versions. On request, the attachment loops **4** can be optionally supplied with all three fastening elements and for any NoCut® pad width. Ask us about it!

NoCut pad is available in inner widths of up to 315 mm and a length of 1.5 m.

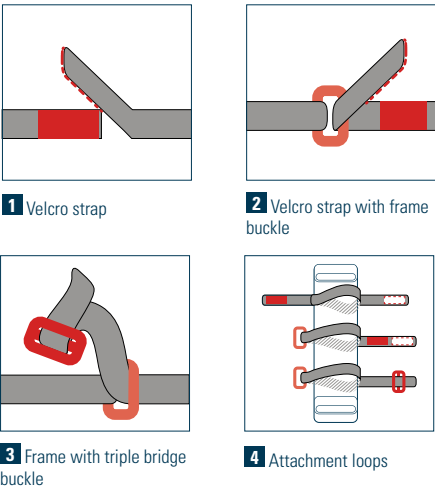


NoCut pad: the combination of NoCut sleeve and fabric bridge with a fastening element.



NoCut pad	Approx. inside width [mm] b	Approx. outside width [mm] a	Designation NoCut pad
with Velcro strap	45	55	NCP-055-KB
	75	85	NCP-055-KB
with Velcro strap and frame buckle	105	115	NCP-115-KR
	135	145	NCP-145-KR
	165	175	NCP-175-KR
	195	205	NCP-205-KR
	255	265	NCP-265-KR
	315	325	NCP-325-KR
with frame and triple bridge buckle	45	55	NCP-055-RD
	75	85	NCP-085-RD
	105	115	NCP-115-RD
	135	145	NCP-145-RD
	165	175	NCP-175-RD
	195	205	NCP-205-RD
	255	265	NCP-265-RD
	315	325	NCP-325-RD

Fastening elements:



1 Protective sleeves can also be fitted by the user as shown in Fig. 1, Fig. 3 and Fig. 5. Special designs available on request.

NoCut®-edge radii



NoCut® – for use with even the smallest edge radii

Even with the smallest radii and razor-sharp edges, NoCut® offers the right protection for your flat slings and round slings. NoCut® is DE-KRA-certified. The values marked with the „tick“ in the table refer to the smallest radii on which NoCut® may still be used. Larger edge radii are covered by the respective marking.

Ask us about it!
With the support of our application engineers, even sharper edges can be „managed“. Let NoCut® convince you in a practical demonstration. Our SpanSet application engineers will be pleased to give you a live demonstration of NoCut® sleeve at no cost, to answer your questions and support you with valuable know-how. Simply call us and make an appointment!

Microsite: NoCut® on the web!

For more information, including important documents and video material about the NoCut® product range, please visit our product homepage:
www.spanset-nocut.de




Product finder



NoCut®-Produkt-Finder – product selection made easy

- 1** First you have to select the lifting gear being used. The most common flat slings and round slings of SpanSet can be selected in a drop-down menu.
 - **Flat slings** HB, PB, PC, PCS
 - **Round slings** Liftfix, MagnumPlus, Magnum-X, SupraPlus, Twintex
- 2** Next, the load capacity [WLL] of the lifting gear has to be selected.
- 3** The working length of the lifting gear is then entered.
- 4** After that, you enter the edge radius of the load. Radii from **0 mm to 3 mm** can be entered.

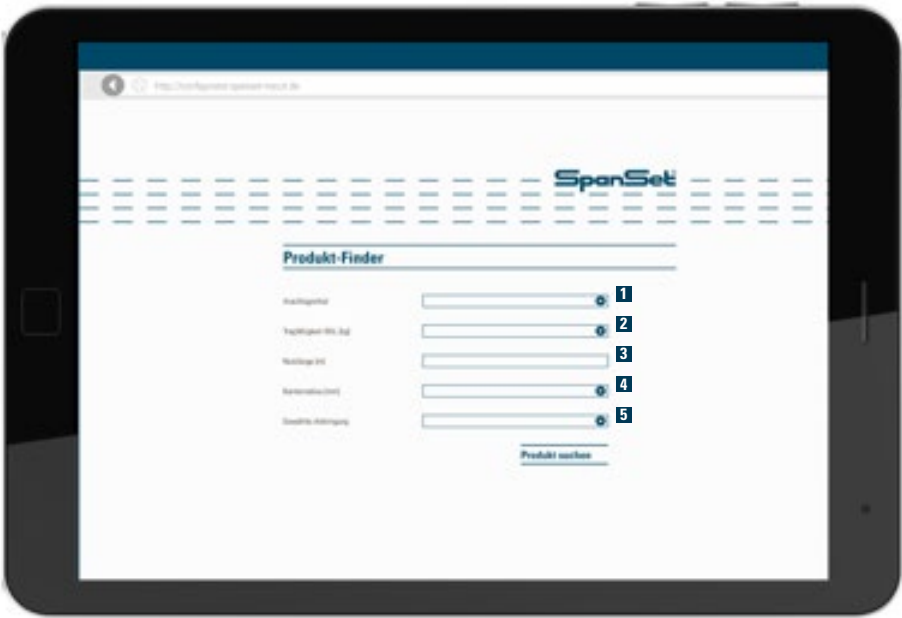
- 5** In the next step you define whether you want to use a **single- or double-stranded strap**.
- 6** Finally, the length of the NoCut® sleeve/pad has to be defined. Should NoCut® pad be the right product for your application, you can still choose between different versions of the fastening element.

Simply complete the contact form and send your request – done! A SpanSet employee will contact you to answer any remaining questions. This guarantees that the right cut protection has been selected for the application in question.

In line with the low dead weight of NoCut®, we also make it easy for you to select the right product.

With the free product finder you can easily define the correct NoCut® product for textile lifting gear in just a few steps online.

Lifting gear		NoCut® sleeve			NoCut® pad 2-ply			NoCut® pad 4-ply		
SpanSet flat slings		✓			✓			✓		
MagnumPlus, SupraPlus, Twintex, Liftfix	≤ 20 t WLL	✓			✓			✓		
MagnumPlus, SupraPlus, Twintex, Liftfix	≤ 30 t WLL		✓		✓			✓		
MagnumPlus, SupraPlus, Twintex, Liftfix	≤ 50 t WLL				✓			✓		
Magnum-X	≤ 20 t WLL			✓			✓	✓		
Magnum-X	≤ 30 t WLL						✓	✓		
EK	≤ 20 t WLL			✓	✓			✓		
EK	≤ 30 t WLL				✓			✓		
EK	≤ 40 t WLL				✓			✓		
Radius [mm]		1	2	3	1	2	3	0	1	2



Try it and be convinced

The NoCut product finder is available online at <http://configurator.spanset-nocut.de>, or simply scan the QR code below.

