

Protective sleeves for textile lifting gear

Legend: ○ Suitable
● Our recommendation
✱ Professional consultant required!

○ Suitable for turning
□ Not suitable for turning

| Type | secumove | NoCut® pad | SFX | easyClip | veloxClip | SF-1 | SF-2 | Clip-SC | secuwave | NoCut® sleeve |
|---|--|--|--|---|--|--|--|--|--|--|
| Design | Firm protective sleeve, flexible coating | Woven protective plate protected on one side | Protected on one side sealed on the back | Simple protective sleeve, protected on one side | Flexible flat protective sleeve, protected on one side | Protective sleeve, protected on one side | Protective sleeve, protected on both sides | Protective sleeve, protected on one side | Protective sleeve, with wavy structure protected on one side | Woven protective sleeve, protected on both sides |
| Cross section | | | | | | | | | | |
| Smooth edge Not sharp | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Rough edge Not sharp | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Broken edge Sharp | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Rolling edge r > 2 mm, sharp | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Very sharp edge* r > 1 mm, very sharp | ○ | ●* | ○* | ○* | ○* | ○* | ○* | ○* | ○* | ○* |
| Super-sharp edge* r < 1 mm, super-sharp | ○ | ●* | ○* | ○* | ○* | ○* | ○* | ○* | ○* | ○* |

| | | | | | |
|--|--|--|--|---|---|
| | | | | | |
| Lifting straps: Illustration of type 1 Protective sleeve over the entire working surface | Lifting straps: Illustration of type 2 Protective sleeve pair for contact surfaces | Round slings: Illustration of type 3 Protective sleeve over the entire working surface | Round slings: Illustration of type 4 Protective sleeve pair for contact surfaces | Round slings: Illustration of type 5 Protective sleeve pair over the entire working surface | Round slings: Illustration of type 6 Protective sleeve pairs for contact surfaces |

Use



Radius gauge



NoCut® pad



NoCut® sleeve



SF1 protective sleeve with reinforcement



Joint edge protector for chain/wire rope



veloxClip

TIP: Safely turning loads

Turn by 90°

Step 1: Protective sleeve minimum length

$$2 \times H \text{ [height]} + 2 \times W \text{ [width]} + 2 \times \text{Supernatant } 25 \text{ cm}$$

Length of protective sleeve

Step 2: Lifting strap minimum length

$$1.5 \times \text{Protective sleeve} + 2 \times \text{Loop length}$$

Length of protective sleeve

Sheer strap length (1.5 x protective sleeve)

Turn by 180°

Step 1: Protective sleeve minimum length

$$2 \times H \text{ [height]} + 3 \times W \text{ [width]} + 2 \times \text{Supernatant } 25 \text{ cm}$$

Length of protective sleeve

Step 2: Lifting strap minimum length

$$2 \times \text{Protective sleeve} + 2 \times \text{Loop length}$$

Length of protective sleeve

Sheer strap length (2 x protective sleeve)

■ When raising/turning with NoCut sleeves overlap by at least +20% the length of the sleeve.

TIP: NoCut® Finder

In line with the low intrinsic weight of NoCut®, we also make the selection of products easy. Using the free Product-Finder, you can define the appropriate NoCut® product for textile lifting gear online in just a few steps.

www.spanset-nocut.de

TIP: Lifting app

The new SpanSet app, "Lifting Calculator" determines the necessary load-bearing capacity quickly and accurately. For textile lifting gear, such as lifting straps and round slings and chains, wire rope, the program is free of charge and available at the AppStore and at GooglePlay.

www.spanset.de APPS

10 commandments of sharp edges

- 01 Do not lift loads without receiving prior training!**
- 02 Carefully plan the lifting procedures using the construction documentation as an aid!**
- 03 Read the operating manual for textile lifting gear before lifting!**
- 04 If the radius of the edge is unknown, this has to be determined using measurement tools!**
- 05 Lifting gear always has to be protected from sharp edges!**
- 06 Never lift edge radii smaller than 1 mm without having received prior professional consultation!** Don't take any risks and arrange a consultation appointment with our applications engineers.
- 07 Use coating lifting belts only with mounting hardware when suspending with a choke hitch!**
- 08 Use the flexible NoCut sleeve and pad for deflections and narrow gaps!**
- 09 Use protective sleeves to balance the lifting gear when lifting sharp-edged loads!**
- 10 Relative motion between the load and the cut protectors is not permitted!** Don't take any risks and arrange a consultation appointment with our applications engineers.

"Sharp edges"

Edge radius

If the edge radius, **r**, is smaller than the thickness of the lifting belt/round sling **d**, the edge is considered sharp.

Deviating shape

Loads with a protruding edge and sharp or jagged outer contour, such as gears, turbine blades, etc.
Solution: Enlarging the deflection radius by using cut-proof sleeves

Structure

Very raw surfaces such as a prefabricated concrete component. **Solution:** Movements on rough edges are avoided using cut-proof sleeves. They lie firmly at the edge and the textile lifting gear can therefore move within the sleeve safely.

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