

LIFT ABC



**expert in
textile
technology**

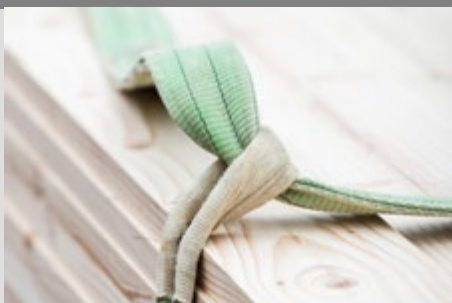
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Using roundslings and lifting slings in accordance with EN 1492-1/EN 1492-2

Product features

Roundslings and lifting slings are never permitted to be:

- used for loads above the value calculated from the specified nominal bearing load and the anchor type concerned
- used around sharp edges without corresponding protection
- placed on the tip of a lifting hook
- pulled out from underneath the load that has been set down
- used with or around chemicals

They are not permitted to be used if

- they are damaged
- they are knotted
- their label is illegible
- the tilt angle is larger than 60° (see reverse)
- the temperature in the area of application is higher than 100°C
- they are not checked at least once a year

Bearing capacity of roundslings and lifting slings with different anchor types (EN 1492-1 / EN 1492-2)

| Bearing capacity | Marker yards | Colour | Width | Bearing capacity in t with 1 sling / lifting sling | | | | Bearing capacity in t with 2 slings / lifting slings | | | | | |
|------------------|--------------|--------|-------|--|------|----------|---------------------|--|---------------------|--------------|---------------------|--------------|-----|
| | | | | Direct | Tied | Parallel | *Tilt angle β | | *Tilt angle β | | *Tilt angle β | | |
| | | | | | | | >7 °-45 ° | >45 °-60 ° | >7 °-45 ° | >45 °-60 ° | >7 °-45 ° | >45 °-60 ° | |
| 1 | I | | 30 | 1 | 0.8 | 2 | 1.4 | 1 | 0.7 | 0.5 | 1.4 | 1 | 0.8 |
| 2 | II | | 60 | 2 | 1.6 | 4 | 2.8 | 2 | 1.4 | 1 | 2.8 | 2 | 1.6 |
| 3 | III | | 90 | 3 | 2.4 | 6 | 4.2 | 3 | 2.1 | 1.5 | 4.2 | 3 | 2.4 |
| 4 | IIII | | 120 | 4 | 3.2 | 8 | 5.6 | 4 | 2.8 | 2 | 5.6 | 4 | 3.2 |
| 5 | IIIII | | 150 | 5 | 4 | 10 | 7 | 5 | 3.5 | 2.5 | 7 | 5 | 4 |
| 6 | IIII III | | 180 | 6 | 4.8 | 12 | 8.4 | 6 | 4.2 | 3 | 8.4 | 6 | 4.8 |
| 8 | IIII IIII | | 240 | 8 | 6.4 | 16 | 11.2 | 8 | 5.6 | 4 | 11.2 | 8 | 6.4 |
| 10 | | | 270 | 10 | 8 | 20 | 14 | 10 | 7 | 5 | 14 | 10 | 8 |
| 15 | | | 270 | 15 | 12 | 30 | 21 | 15 | 10.5 | 7.5 | 21 | 15 | 12 |
| 20 | | | 300 | 20 | 16 | 40 | 28 | 20 | 14 | 10 | 28 | 20 | 16 |
| 25 | | | 300 | 25 | 20 | 50 | 35 | 25 | 17.5 | 12.5 | 35 | 25 | 20 |
| 30 | | | 300 | 30 | 24 | 60 | 42 | 30 | 21 | 15 | 42 | 30 | 24 |
| 40 | | | 300 | 40 | 32 | 80 | 56 | 40 | 28 | 20 | 56 | 40 | 32 |
| 50 | | | 300 | 50 | 40 | 100 | 70 | 50 | 35 | 25 | 70 | 50 | 40 |
| 60 | | | | 60 | 48 | 120 | 84 | 60 | 42 | 30 | 84 | 60 | 48 |
| 70 | | | | 70 | 56 | 140 | 98 | 70 | 49 | 35 | 98 | 70 | 56 |
| 80 | | | | 80 | 64 | 160 | 112 | 80 | 56 | 40 | 112 | 80 | 64 |
| 90 | | | | 90 | 76 | 180 | 126 | 90 | 63 | 45 | 126 | 90 | 76 |
| 100 | | | | 100 | 80 | 200 | 140 | 100 | 70 | 50 | 140 | 100 | 80 |

*The tilt angle β reduces the permitted bearing capacity. Tilt angles larger than 60° are not permitted.

Instruction manual

Read the instruction manual

It is essential that you read the information in the instruction manual supplied with your product.



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