# EUSR-MED


Education and Culture DG
Lifelong Learning Programme


EUSR
European•Union•Special•Rescue

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## Anchor points

**Anchor points are parts of objects and installations that are used for attaching ropes and have the necessary stability.**

**The minimum durability shall be 10 kN.**

**Anchor points must be**
**- static suitable**
**- appropriate for the location**
**- appropriate for the equipment**

**If stability and sustainability are not unequivocally established, prove these or to take additional safety precautions (eg use of multiple anchor points.)**

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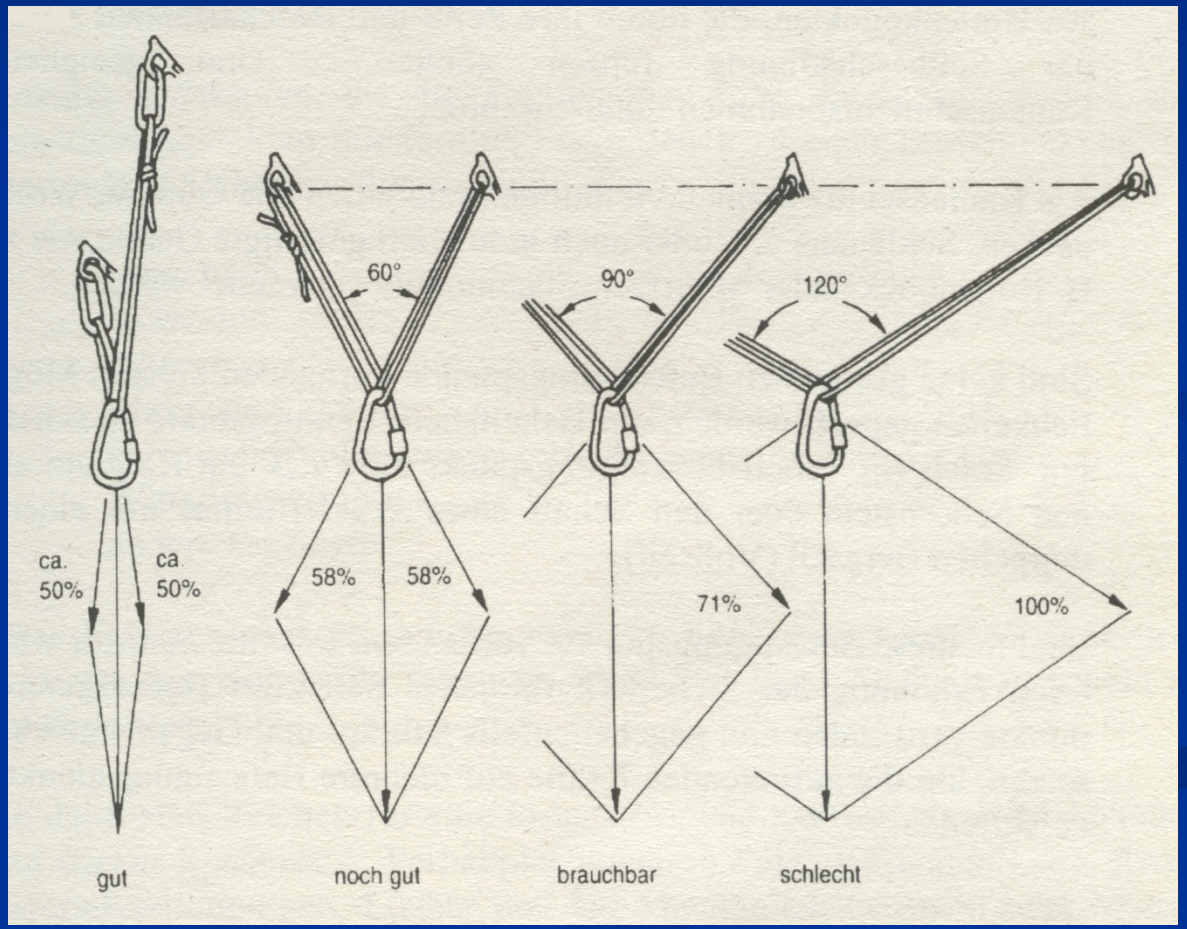
## Anchorpoints

**The importance of selecting the correct anchor points and cable guide can be seen on the adjacent samples.**




**good** **Still good** **acceptable** **bad**

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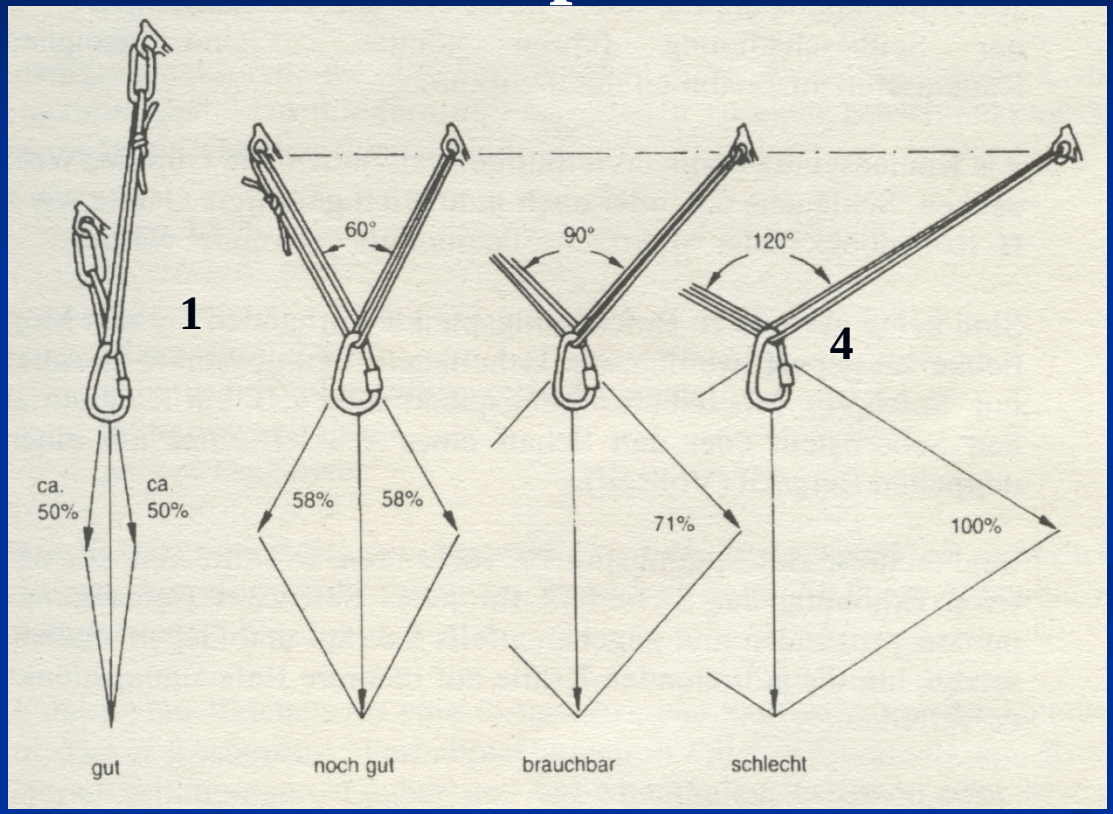
## Anchorpoints




**good Still good acceptable bad**

**In example 1 to the force per rope is about 50% of the load, while in example 4 100% of the load is acting on each rope and the anchor point.**

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## Examples of good anchor points

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## Anchor points


**Should the vehicle be exceptionally used as an anchor point, beware the following.**

**- Sufficient stability;**

**-Remove the ignition key,**

**-- pull the parking brake;**

**- engage a gear;**

**- - Wedge the wheels in the direction of pull**

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## Anchorpoints

Stair railings are basically suitable as anchor points, if they are made of metal and welded together, thus forming a continuous element. To avoid the effect of leverage, it is necessary that the safeguard rope is fixed as tight as close as possible to the floor inlets or fittings and not on the handrails.

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## Anchor points

**Damaging effects that reduce the carrying capacity or the stability of anchor points and thus lead to a restriction of the general security are:**

- **Wear**
- **Corrosion**
- **Aging**
- **Fatigue**
- **Chemical and thermal stress**
- **Weather conditions**
- **Other factors**

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## Inappropriate anchor points

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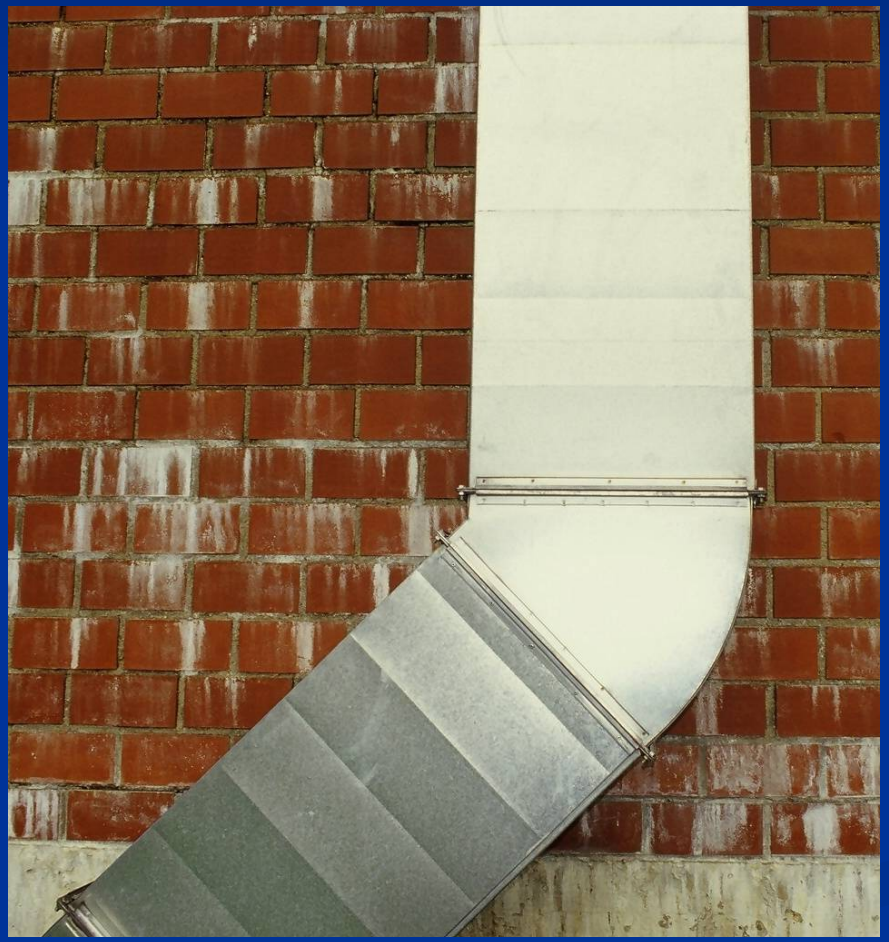
## Inappropriate anchor points



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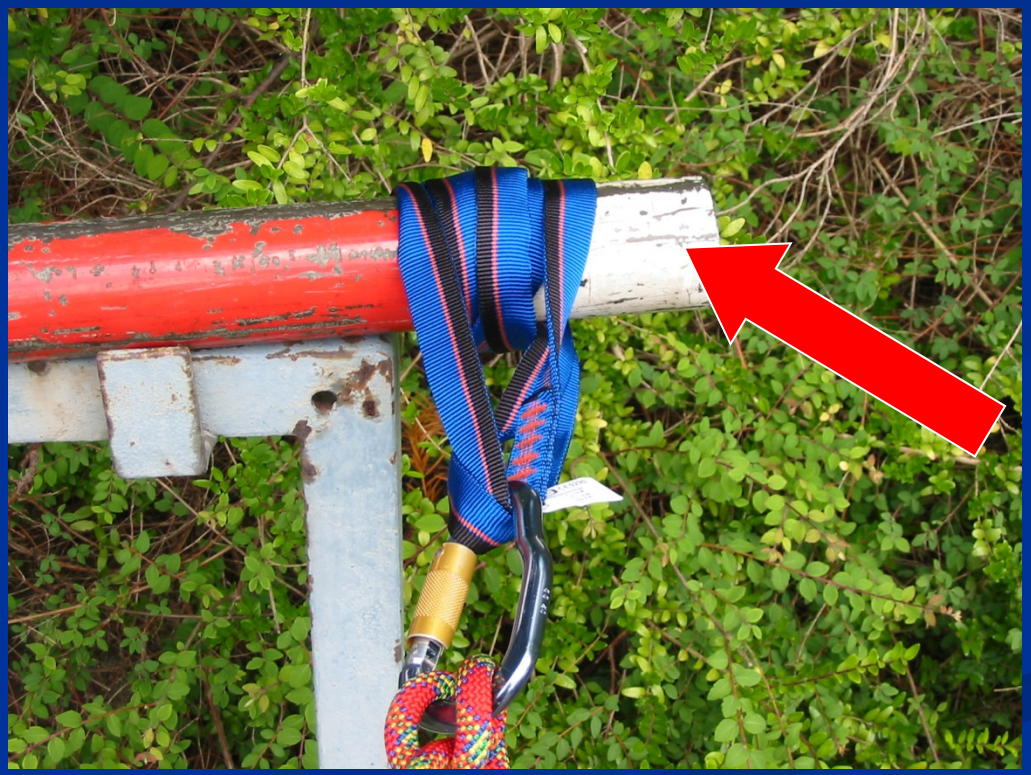
## Inappropriate anchor points



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## Anchor point

**Every anchor point has limits.....**