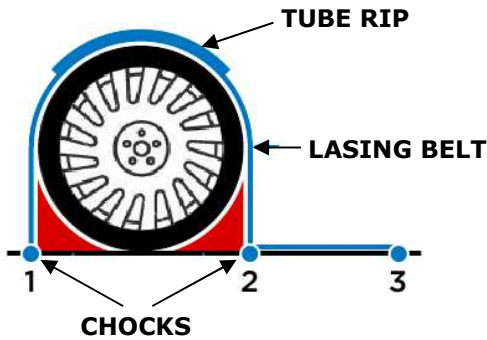


## Vehicle securing while loading

### The standards of vehicle securing based on the guidelines VDI and VDA "Load without problems"

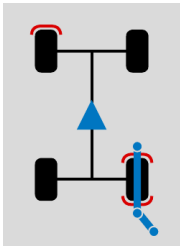


#### ATTENTION!

- The maximum angle of ramp inclination to the ground can't exceed **8°**
- The car carrier should be equipped with **two additional short ramps**, length 50 – 100 cm
- Autotransporter should be equipped with belts and chocks essential to secure the load according to VDI/VDA (recommended quantity **25 belts and 30 chocks**)
- Lashing belts extensibility  $\leq 4\%$
- Belts strength - **1500daN** (about **1,5t**)

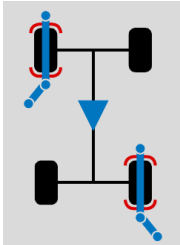
- Fasten the first hook to autotransporter deck.
- Put the belt with tube grip around the wheel, making sure that the adjustment of the belt tube grip is properly positioned (picture above).
- Fasten the second hook to autotransporter deck (other side of wheel).
- Attach the hook to the third anchor point, lying on the sides of the wheels, and tighten (pull) the belt with tube grip by the ratchet wheel mechanism.

#### Securing of vehicles loaded in the driving direction:



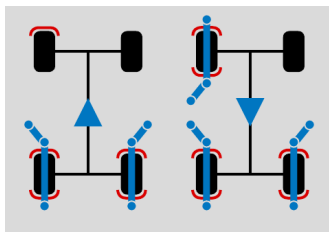
- One chock on the front and one on the rear, on one of the rear wheels.
- In addition, secure the same rear wheel with three-point fixing belt with tube grip.
- Diagonally to this wheel fix one chock and one belt in front of a suitable front wheel.

#### Securing of vehicles loaded in the opposite to driving direction:



- One chock on the front and one on the rear, on one of the rear wheels.
- Diagonally to this wheel fix two chocks on a suitable front wheel.
- In addition, secure the both chocked wheels with three-point fixing belts with tube grips.

#### Additional securing of vehicles loaded at an angle or at the rearmost:



- Vehicles loaded at an angle and rearmost vehicle, loaded behind car transporter's rear axle, must be additionally fixed on two wheels of the rear axle with two chocks and one belt with tube grip for each.

**If the chock can't be used for technical reasons, an additional wheel must be fixed with the belt with tube grip.**

#### ATTENTION!

##### Please keep the following minimum distances:

- between the vehicles, bumper from bumper: fist (**10 cm**)
- between the roof of the vehicle and upper deck: fist (**10 cm**)
- between the overlapping vehicles: fist (**10 cm**)
- between the chassis of the vehicle and the deck (**5 cm**)
- between the vehicle on truck and vehicle on trailer (**30cm**)