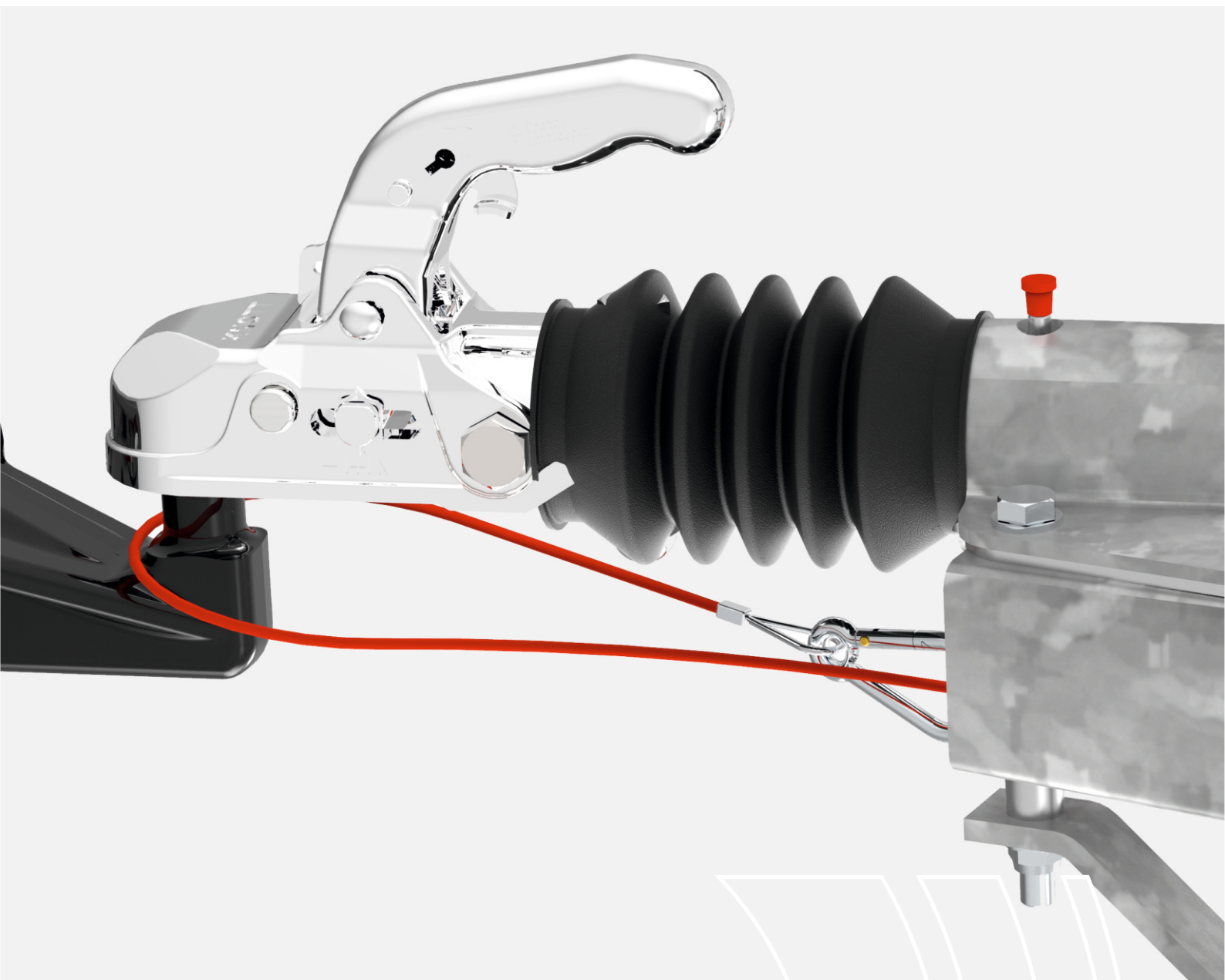


# Newsletter

20.2020

Breakaway rope

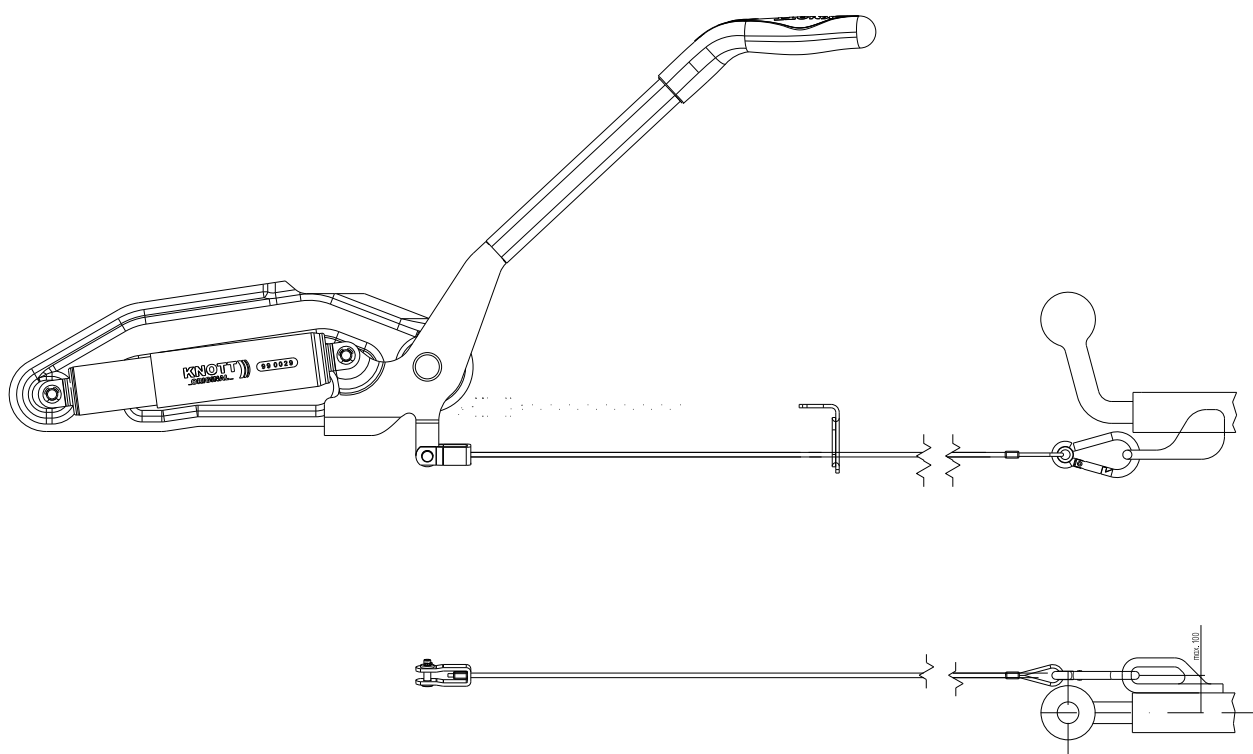


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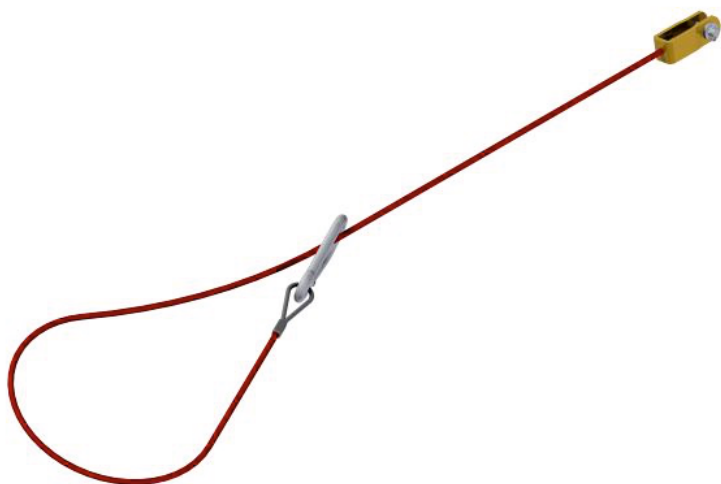


Dear Sirs,

The following publication aims to familiarize you with the role of the brakeaway rope, whose task is to force the trailer to brake when the hitch "disengages" from the ball of the towbar. For this reason, it is extremely important to properly install the brakeaway rope on the hook of the towing vehicle to allow it to function properly.



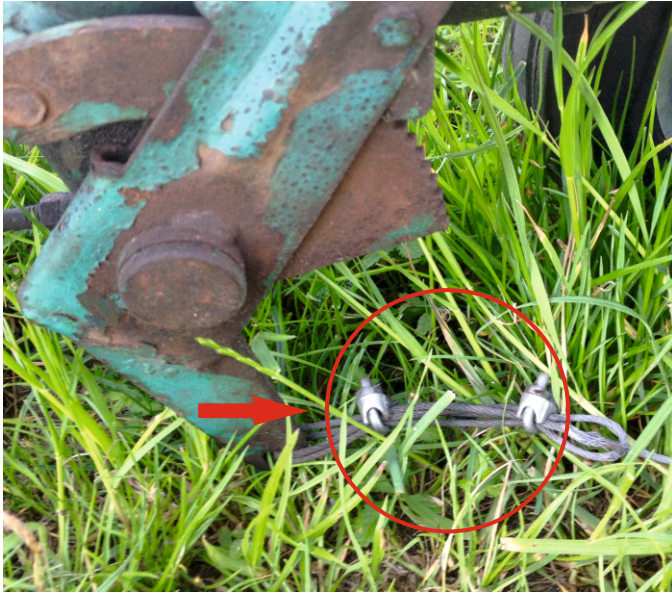
The above shows the correct connection of the security cable



The lanyard must not release the force transmitted by the towing vehicle until a minimum breaking load of  $F = 5000\text{N}$  is achieved.

In addition, the maximum breaking load of  $7500\text{N}$  must not be exceeded. The handbrake lever must be in the braking position after the cable breaks.

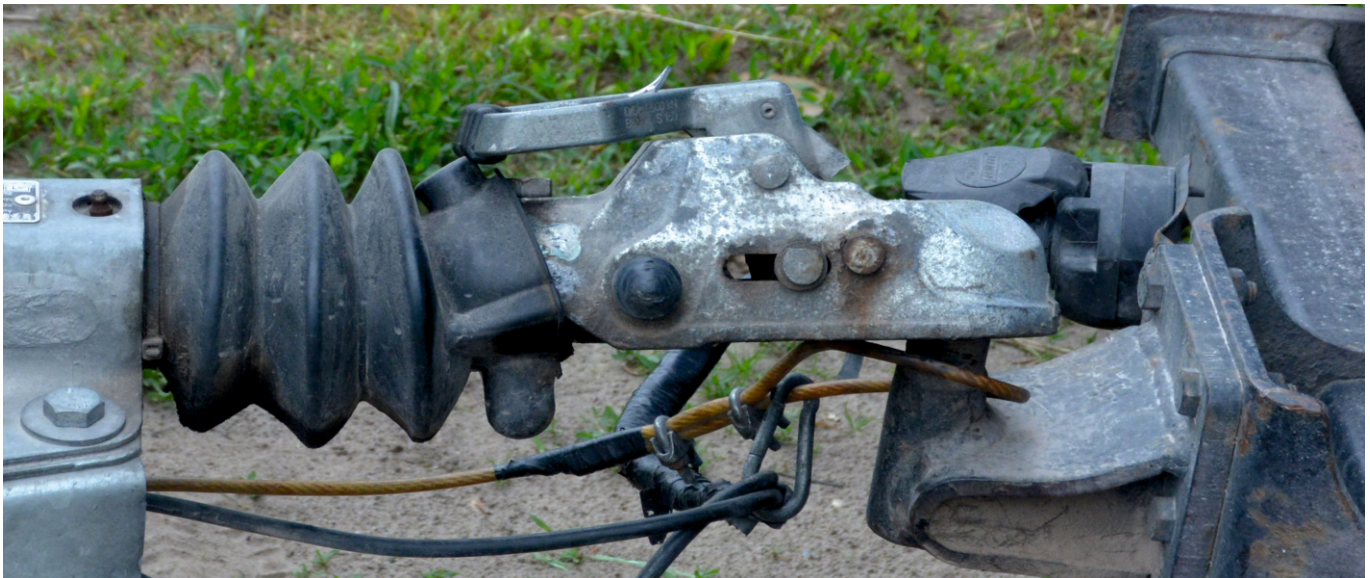
Below we present a few mistakes of trailer users related to the breakaway rope that translate into driving safety



Use of a steel cable hooked in this way will not allow the trailer to brake and in the event of the trailer will be pulled by the rope

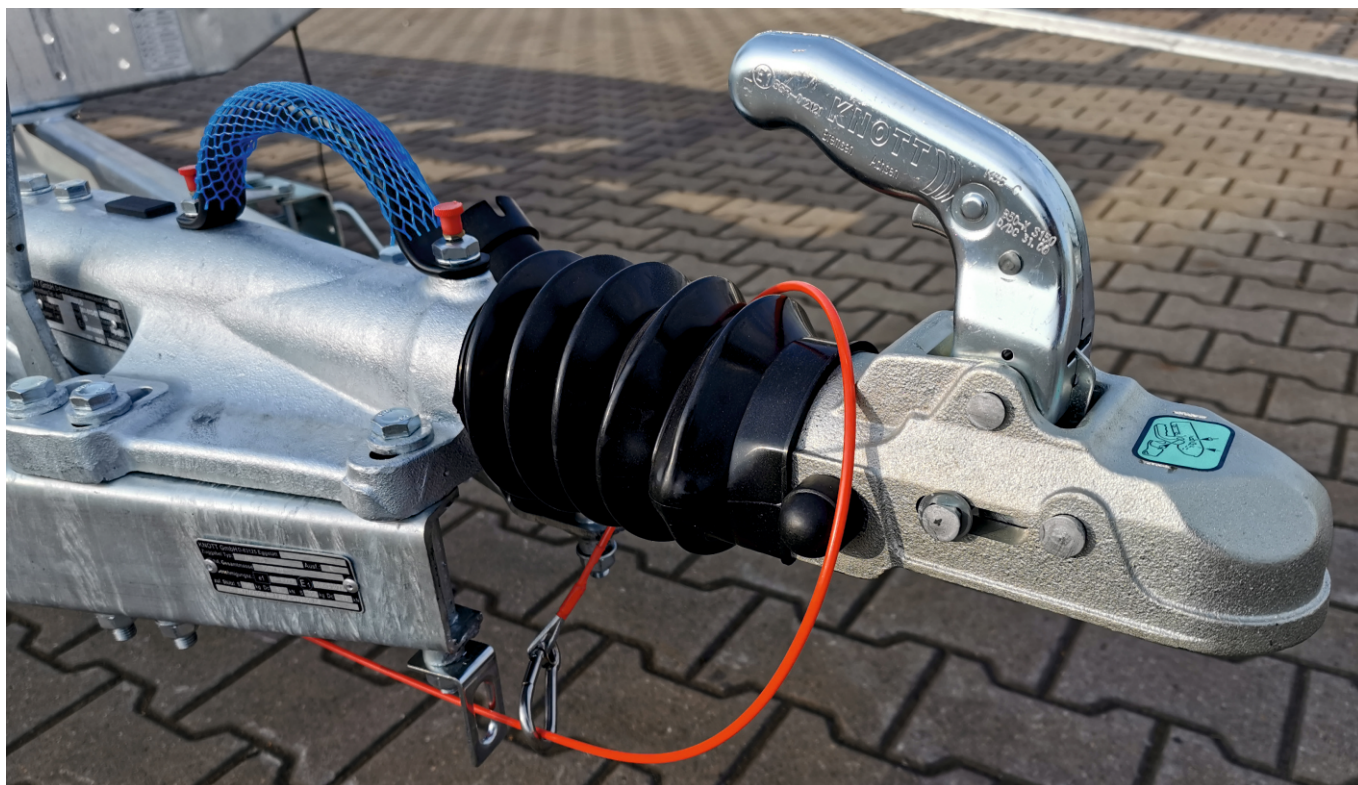


Using a chain instead of a cable will brake the trailer but it will not brake torn off and will be hooked all the time on the hook of the towing vehicle.



The breakaway rope cannot be repaired or replaced with any other type of fastener, such as chain or steel rope. The photo above shows the line with a tape and additionally stiffened rigidly, so if unfastened, there is a risk that the brake will not be applied.

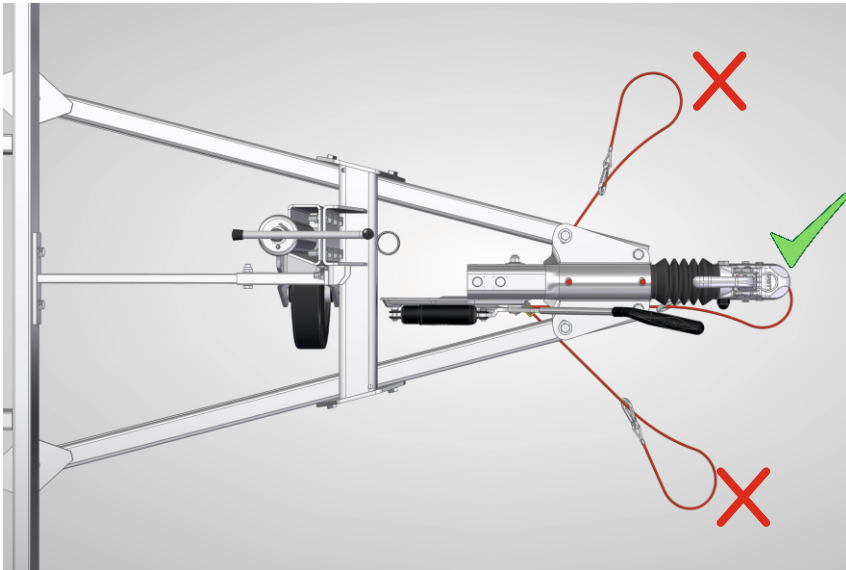
It is very important that the brakeaway rope is installed correctly and that it passes through the eyelet supplied with the device.



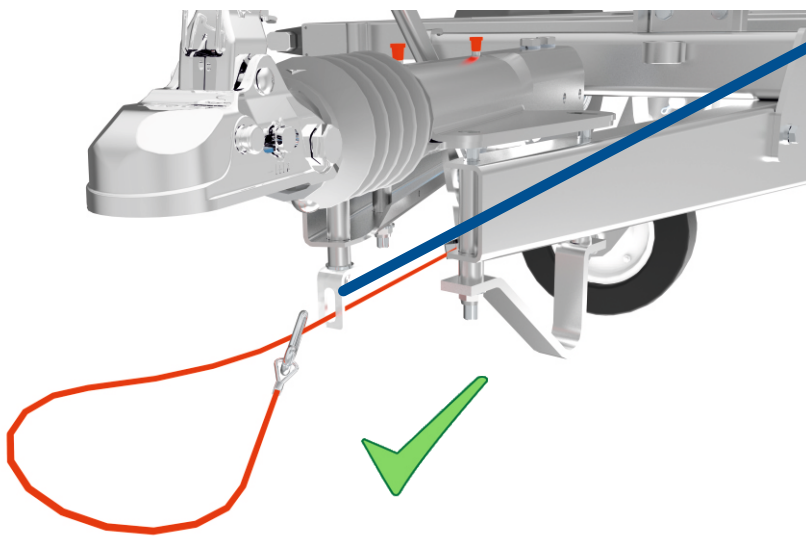
Any other positioning of the link may result in incorrect operation. The brakeaway rope may not engage the brake lever or it may not break. Additionally, the eyelet prevents damage to the brake cable armor.



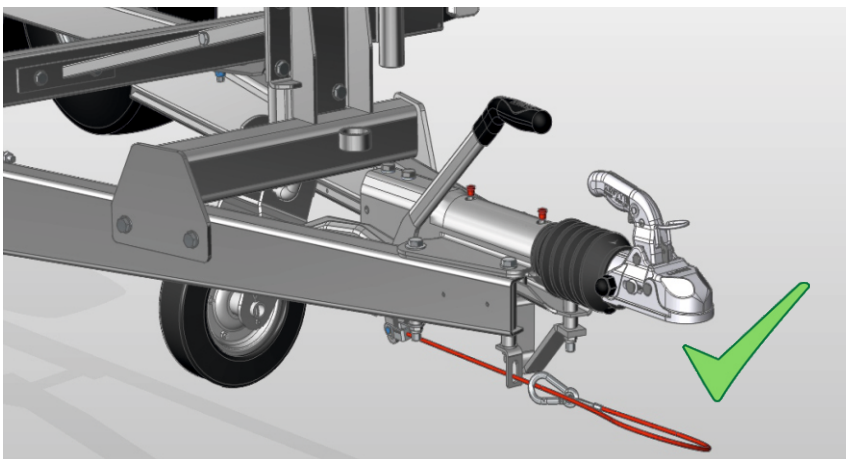
The photo shows incorrect installation of the brakeaway rope, the armor of which can be easily damaged by the fact that the line hangs freely and touches the ground.



Incorrect cable setting causes a bad distribution of forces, so the overrun brake lever will not work properly.

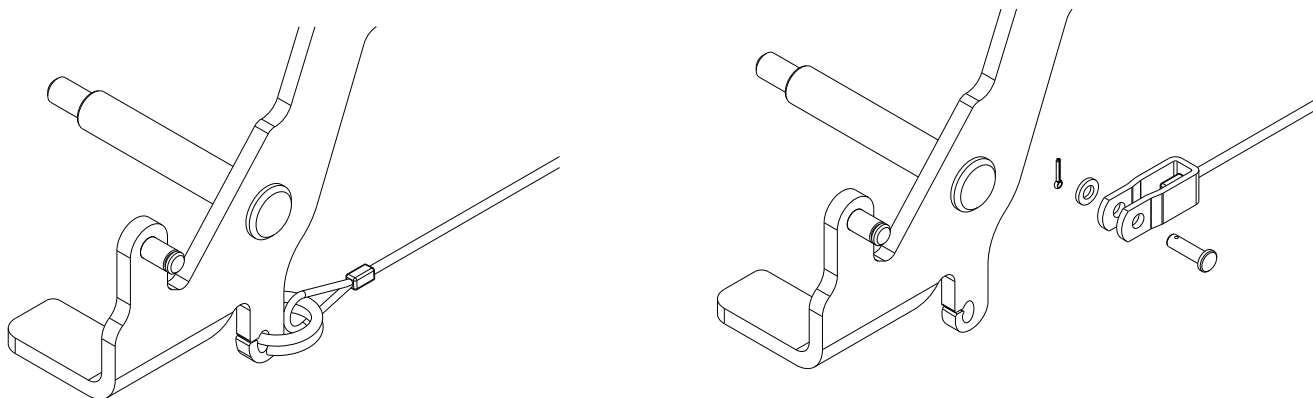


It is very important that the cable is passed through the cable holder supplied with each overrun device. It protects the cable against abrasion and forces the correct position during use.

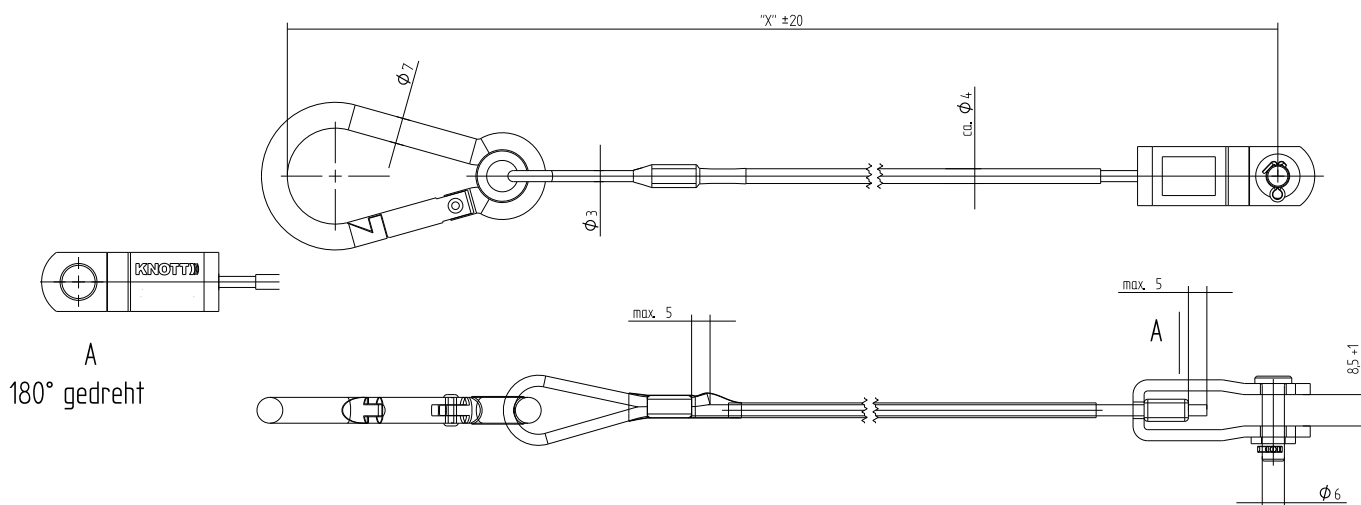


In this case, the setting of the brakeaway rope is correct and only then the cable will work properly and fulfill its purpose. He will engage the handbrake and it will break.

The brakeaway rope is available in the old version, where the attachment to the brake lever was carried out with an eyelet, and in the "new" version, mounted with a pin. Both of the mentioned versions are 100% compatible and can be used interchangeably



Below we present the brakeaway rope for the brake lever of the overrun device, which comes in several dimensions.



Art. Nr	Nazwa
203202.001	Breakaway rope 1055 mm
203202.002	Breakaway rope 1200 mm

Detailed information about the products is provided by the Trade Department of KNOTT Sp. z o.o.

KNOTT Sp. z o.o.

63-011 Pławce  
 Zdziechowice 100  
 tel. 61 287 60 00  
 fax 61 287 60 01  
 info@knott.pl  
[www.knott.pl](http://www.knott.pl)

