

KANHOOK

USER'S MANUAL - V 04 - 2017

CE 0123 RFU CNB/P/11.104


speedrunner[®]
+ SWISS MADE



The use of Kanhook on a continuous lifeline other than Speedrunner is the responsibility of the buyer

L'utilisation du Kanhook sur une ligne de vie continue autre que Speedrunner est de la responsabilité de l'acheteur

Die Verwendung von Kanhook auf einer kontinuierlichen Lebenslinie andere als Speedrunner ist die Verantwortung des Käufers

ZERTIFIKAT ◆ CERTIFICATE ◆ 證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

EC-Type Examination Certificate
 No. P5 17 03 79594 004



Product Service

Holder of Certificate: Kanopeo GmbH
 Reichensteinerstr. 16
 4053 Basel
 SWITZERLAND

Product: PPE against fall from a height
 Ropes course shuttles conform to VG11 RFU
 CNB/P/11.104

Model(s): KANHOOK 2

Parameters:

For 1 person use for attachment on steel cables Ø 12 mm - Ø 12,7 mm in 19 x 7 construction in Kanopeo ropes courses.
 Construction:
 aluminum alloy body, 151 mm x 102 mm x 25 mm; steel swivel attachment point, opening 21,5 mm x 27 mm, with M10 screw fixation; riveted steel sheet abrasion protection at cable zone; riveted stainless steel abrasion protection at gate; spring driven stainless steel gate closure mechanism with plastic handle with locking mechanism to open gate for steel wire input.
 Dimensions: 210 mm x 102 mm x 30 mm;
 Gate gap:
 closed gate gap: 1,5 mm; open gate gap: 9 mm; for installing cable gate latch can be opened by loosening screw and pushing blocking pin;
 Marking:
 product name: "read instructions"-pictogram; manufacturer, CE-marking: RFU CNB/P/11.104; Load direction pictogram "22 KN"; article no.: rope diameter:
 Weight: 402 g

This EC-Type Examination Certificate is issued according to Article 10 of Council Directive 89/686/EEC for personal protective equipment as classified in Article 8 (PPE of category 3). It confirms that the listed product fulfills the basic requirements as specified in Annex II of the Directive. This certificate refers only to the sample submitted to TÜV SUD Product Service GmbH for testing and certification and on its technical documentation. See also notes overleaf.

Test report no.: 713088632
Valid until: 2022-03-06

Handwritten signature

Date: 2017-03-10 (Mathias Völz)



TÜV SUD Product Service GmbH is Notified Body according to Council Directive 89/686/EEC for personal protective equipment, notified by publication in the Official Journal of the EC No. C 203/44 dated July 07th, 1994 with identification No. 0123.
 Page 1 of 2

TÜV SUD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany



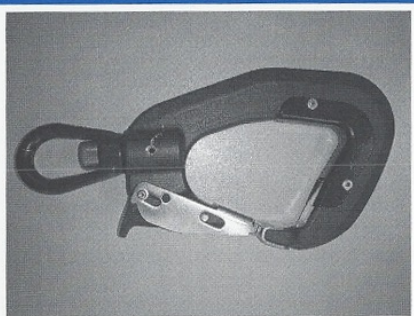
ZERTIFIKAT ◆ CERTIFICATE ◆ 證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Annex to EC-Type Examination Certificate
 No.: P5 17 03 79594 004



Product Service

Kanhook 2:



Department: GARTCP / M. Völz
Date: 2017-03-10

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ZERTIFIKAT ◆ CERTIFICATE ◆ 證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

EC-Type Examination Certificate

No. P5 13 10 79594 002

Holder of Certificate: **Kanopeo GmbH**
 Reichensteinerstr. 18
 4053 Basel
 SWITZERLAND

Product:

PPE against fall from a height
Anchor Device for ropes courses EN 795 B

Model(s):

Speedrunner 2

Parameters:

Dimensions

Body: 202 mm x 113 mm x 32 mm; forged aluminum body with riveted 1.5 mm thick stainless steel sheet abrasion protection and operable slot closure made of 1.5 mm thick stainless steel sheet, turnable riveted to the body and fixed with a M4 screw with self-securing nut, casted and galvanized steel swivel with eye 33 mm x 22mm, fixed with M10x 26 Inbus screw, secured by rivet in body, sliding ring made of bronze;

Swivel:

directional aluminum connector with gate locking device from stainless steel sheets, 1.8 mm thick; eye: Ø26 mm; dimensions: 357 mm x 189 mm x 22.5 mm; fixed in middle pulley wheel and side plates;

Connector:

plates: 9 mm; opened 15 mm; product name: "read instructions" program; manufacturer: CE-marking: EN 795 B; program lead application: 22 kN; serial no.: 379 g

Slot:

Weight:

Marking:

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Test report no.:

713023345/1

Valid until:

2018-10-07

Date:

2013-11-04

(Thomas Maier)

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TÜV[®]

ZERTIFIKAT ◆ CERTIFICATE ◆ 證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT



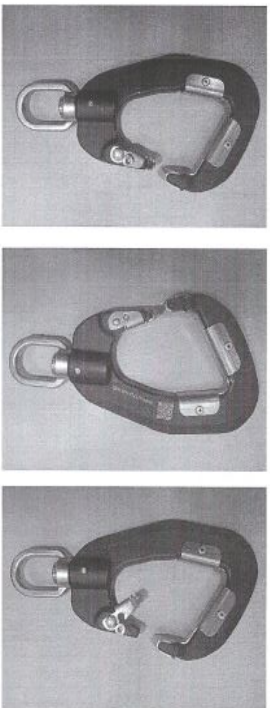
Product Service

Annex to

EC-Type Examination Certificate

No. P5 13 10 79594 002

Anchor Device for ropes courses, type Speedrunner 2:



Department: 2013-11-04

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TÜV[®]

KANHOOK

- PPE / EPI / PSA RfU 11.104
- **CATEGORIE "E" – EN 15567-1**
- DON'T REQUEST A SECOND CARABINER
- NE REQUIERT PAS DE DEUXIEME MOUSQUETON
- BENÖTIGT KEINE ZWEITE CARABINER
- SWIVEL / EMERILLON
- ANTI WEAR PROTECTION / PROTECTION CONTRE L'USURE / VERSCHLEISSSCHUTZ
- SPECIFIC TOOL FOR RESCUE / OUTIL SPECIFIQUE POUR EVACUATION / SPECIFISCHES WERKZEUG FÜR DAS EVAKUIERUNG

KANHOOK type 1

Not closing gap
EN 795 B



KANHOOK type 3

Not closing gap
Improved version of type 1



KANHOOK type 2 : AUTOMATIC GAP CLOSING SYSTEM

RfU CNB/P/11.104





22 kN

9 mm max

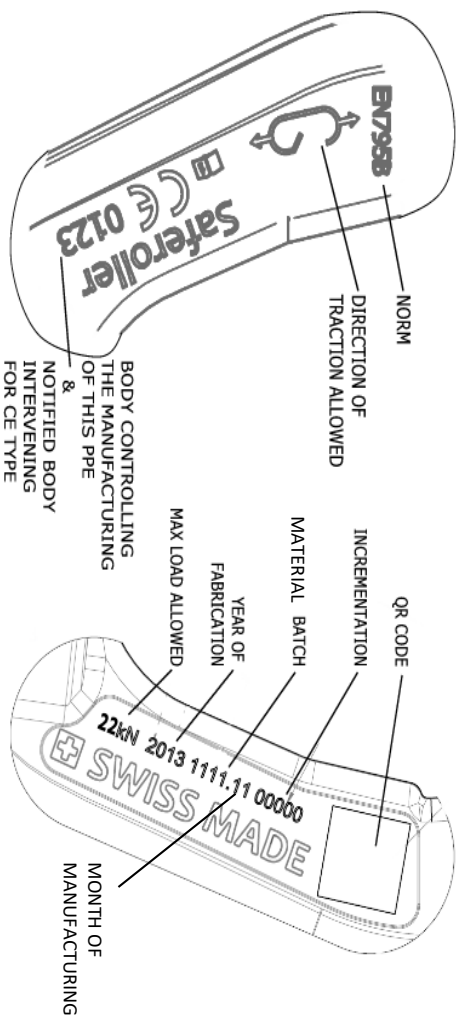
TYPE OF CABLE

12mm ≥ Ø ≤ 12.7 MM

**Recommended
 recommandé**



19x7
 12 mm to 12.7 mm
 Antigiratory
 drehungsfrei



TUV Süd Product Service GmbH - Daimlerstr. 11 DE-85748 Garching

KANHOOK type 1

TYPE OF CABLE

**Recommended
 recommandé**

19x7
 12 mm to 12.7 mm
 Antigiratory
 drehungsfrei



12mm ≥ Ø ≤ 12.7 MM

KANHOOK type 3

KANHOOK type 2 : AUTOMATIC GAP CLOSING SYSTEM

TYPE OF CABLE
12mm ≥ Ø ≤ 12.7 MM

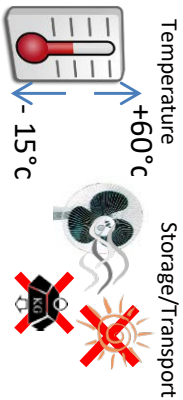
**Recommended
 recommandé**

19x7
 12 mm to max 12.7 mm
 Antigiratory
 drehungsfrei





STORAGE & CLEANING & MAIN MAINTENANCE



Temperature
Storage/Transport



Cleaning



Drying



Maintenance

info@saferoller.com



Information



ZIP LINE
TYROLIENNE
SEILRUTSCH

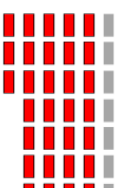
only with
seulement avec
nur mit



OR OTHER
TROLLEY



= VISUAL CONTROL
= CONTRÔLE VISUEL
= AUGEN KONTROLL



DAILY CONTROL
CONTRÔLE JOURNALIER
TÄGLICHE KONTROLLE



MONTHLY CONTROL
CONTRÔLE MENSUEL
MONATLICHE KONTROLLE

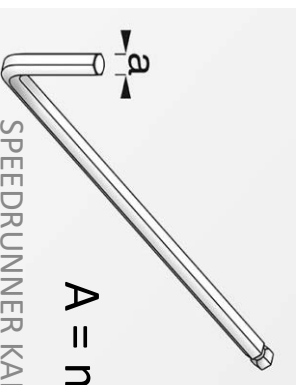


HAND CONTACT CONTROL
CONTRÔLE CONTACT MANUEL
KONTAKTPRÜFUNG



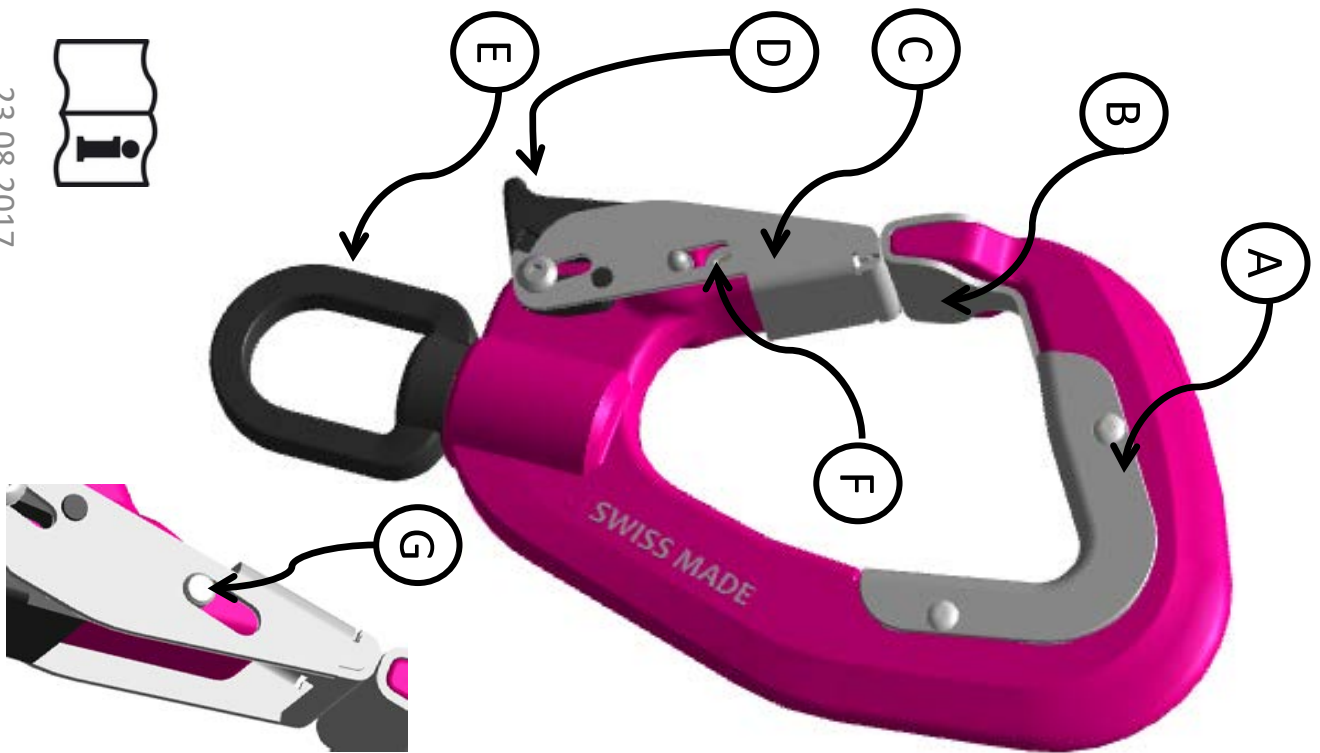
WEEKLY CONTROL
CONTRÔLE HEBDOMADAIRE
WÖCHENTLICHE KONTROLLE

EVACUATION TOOL
OUTIL D'EVACUATION
EVAKUERING WERKZEUG



A = n° 3

ALLEN KEY
CLEF ALENE
IMBUS SCHLÜSSEL



23.08.2017

NOMENCLATURA

- A - UPPER LIP AGAINST WEAR
- B - NOSE LIP
- C - SELF CLOSING LATCH (*)
- D - TRIGGER (*)
- E - SWIVEL
- F - SECURITY BOLT & BALL LOCKING DEVICE
- H - BODY OF THE KANHOOK

BEFORE USE CONTROL

(*) = TYP 2 ONLY
 MANIPULATE THE TRIGGER (D) TO CONTROL THE MECHANISM. VERIFY THE AUTOMATIC CLOSING OF THE LATCH (C) WHEN RELEASING THE TRIGGER. (*)

NOMENCLATURE

- A - LÈVRE SUPÉRIEURE CONTRE L'USURE
- B - LEVRE DU BEC
- C - LINGUET A FERMETURE AUTOMATIQUE (*)
- D - GACHETTE (*)
- E - ÉMERILLON
- F - VIS DE SECURITE & BOULE POUSSOIR

CONTRÔLE AVANT UTILISATION


(*) = TYPE 2 SEULEMENT
 MANIPULER LA GACHETTE (D) POUR VÉRIFIER LE BON FONCTIONNEMENT ET LA FERMETURE AUTOMATIQUE DU LINGUET (C) LORSQUE L'ON RELACHE CELUI-CI. (*)

NOMENKLATURA

- A - OBERLIPPE VERSCHLEISSSCHUTZ
- B - NASE LIP
- C - AUTOMATISCH VERRIEGELUNG
- D - ABZUG
- E - SWIVEL
- F - SECHERHEITSBOLZ & FEDERN DRUCKSTÜCKE
- H - KÖRPER KANHOOK

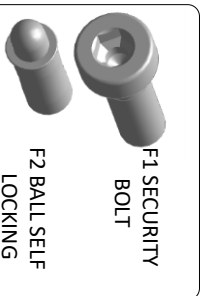
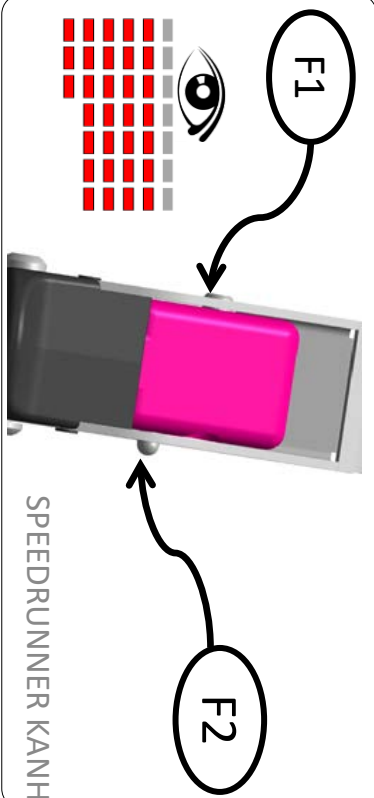
JEDE NÜTZUNG ZU ÜBERPRÜFEN BEVOR

(*) = TYP 2 NUR
 MANIPULATE THE TRIGGER (D) TO CONTROL THE MECHANISM. VERIFY THE AUTOMATIC CLOSING OF THE LATCH (C) WHEN RELEASING THE TRIGGER. (*)

 THAT THE SECURITY BOLT (F1) IS CLOSED AND IS APPARENT ON THE OTHER SIDE (G)

 QUE LA VIS DE SECURITE (F1) EST SERRÉE ET DÉPASSE DE L'AUTRE CÔTÉ DU (G)

 SECHERHEITSBOLZ (F1) IST ZU UND SICHTBAR AUF DAS ANDERE SEITE VOM VERRIEGELUNG (G)





PRESENCE OF THE AXLE SCREWS ON BOTH SIDE

PRESENCE DES VIS D'AXE DES DEUX CÔTES

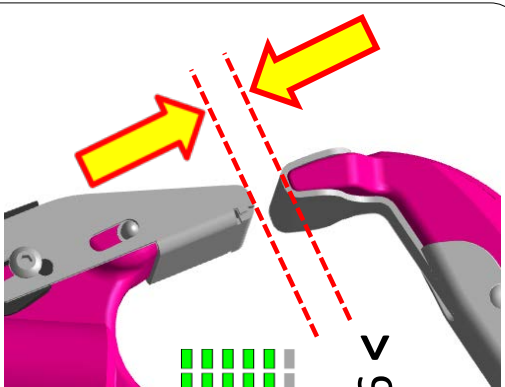
PRESENZ VOM AXLE SCHRAUBEN AUF BEIDE SEITEN

PRESENCE OF THE RIVET

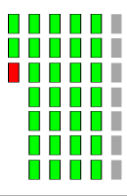


PRESENCE DU RIVET

PRESENZ VOM NIETE



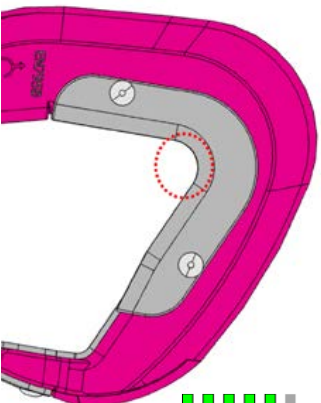
> 9 mm



OPENING OF THE GAP > 9 mm
OUVERTURE DE LA GORGE > 9 mm
ÖFFNUNG > 9 mm

E – SWIVEL

FREE ROTATION
TOURNE LIBREMENT
DREHT REIBUNGSLOS

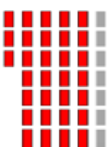


PART SHOULD BE REPLACED BEFORE WEAR APPEAR ON ALUMINIUM BODY



TEST OF THE AXLE SCREWS STILL CLOSED
TEST DES VIS D'AXES SI TOUJOURS SERREES
TEST VOM AXLE SCHRAUBEN OB IMMER FEST ANGEZOGEN

NO TOOLS ! PAS D'OUTIL ! KEIN WERKZEUG NUTZEN !



PRESENCE OF THE 5 POP RIVET

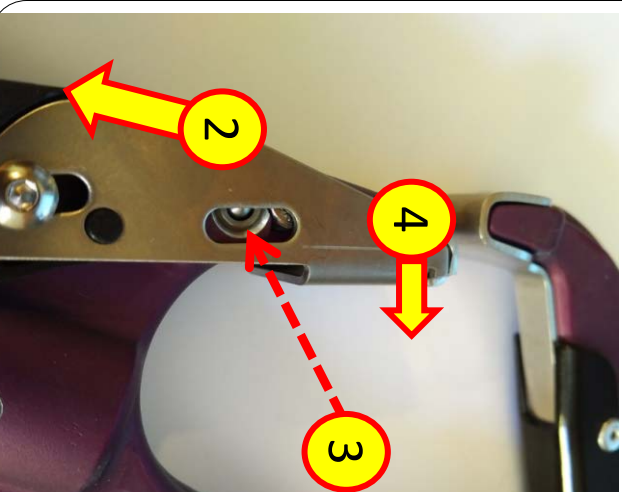
PRESENCE DES 5 POPS RIVET

PRESENZ VOM 5 POP NIETEN





1. UNSCREW THE SECURITY BOLT
OUVRIR LA VIS DE SECURITE
SICHERHEITS BOLZ AUFMACHEN



2. PULL DOWN THE LATCH
TIRER LE LINGUET EN POSITION OUVERTE
ZIEHEN DAS VERRIEGELUNG RUNTER

3. PUSH ON THE BALL
POUSSER LA BOULE POUSSOIR
RUNTERZIEHEN DIE FEDERN DRUCHSTÜCKE

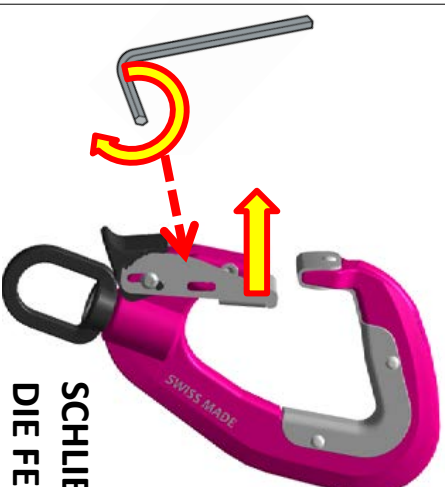
4. BY THE MEAN TIME PULL BACK
THE LATCH
DANS LE MÊME MOUVEMENT POUSSER
LE LINGUET VERS L'INTERIEUR
GLEICHZEITIG DRÜCKEN SIE DAS
VERRIEGELUNG NACH INNEN



5. REMOVE THE
KANHOOK FROM
WIRE
RETIRER LE
KANHOOK DU
CABLE

KANHOOK VOM
SEIL RAUSZIEHEN
SPEEDRUNNER KANHOOK 2017 V4 - VH
23.08.2017

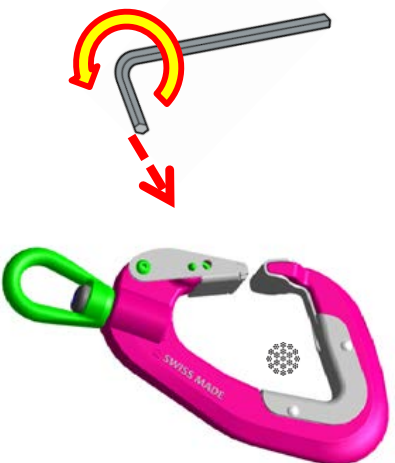
AFTER EVACUATION – APRES L'EVACUATION – NACH EVAKUIERUNG



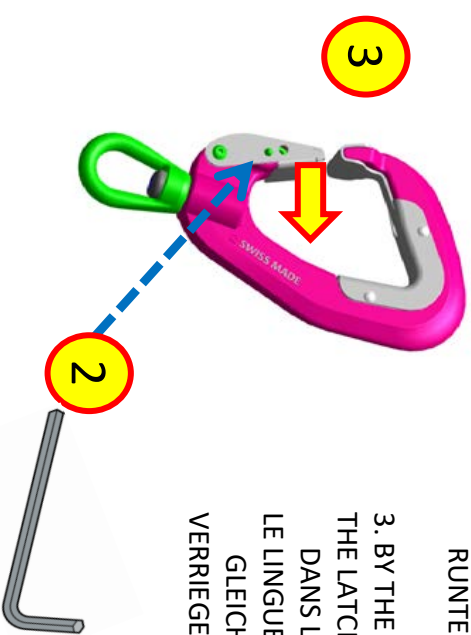
ALWAYS CLOSED BACK IMMEDIATELY THE LATCH –
THE BALL CLOSED ITSELF – THEN SCREW THE BOLT
PROPERLY BACK – CONTROL THE MECANISM

TOUJOURS REFERMER IMMEDIATEMENT LE LINGUET.
LE POUSSOIR SE REFERME TOUT SEUL.
REVISSER LA VIS DE SECURITE EN PLACE.
VERIFIER LE FONCTIONNEMENT.

SCHLIESSEN SIE SOFORT DAS VERRIEGELUNG ZURÜCK.
DIE FEDERN DRUCHSTÜCKE SCHLIESST SICH SELBST.
ZIEHEN SIE DIE SICHERHEIT SCHRAUBE AN .
ÜBERPRÜFFEN SIE DAS MECANISMUS.



1. UNSCREW THE SECURITY BOLT
OUVRIR LA VIS DE SECURITE
SICHERHEITS BOLZ AUFMACHEN

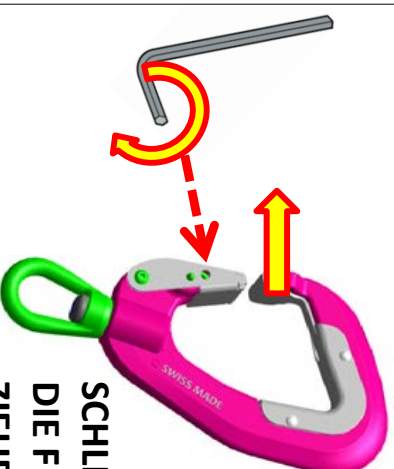


2. PUSH ON THE BALL
POUSSER LA BOULE POUSSOIR
RUNTERZIEHEN DIE FEDERN DRUCHSTÜCKE

3. BY THE MEAN TIME PULL BACK
THE LATCH
DANS LE MÊME MOUVEMENT POUSSER
LE LINGUET VERS L'INTERIEUR
GLEICHZEITIG DRÜCKEN SIE DAS
VERRIEGELUNG NACH INNEN



5. REMOVE THE
KANHOOK FROM
WIRE
RETIRER LE
KANHOOK DU
CABLE
KANHOOK VOM
SEIL RAUSZIEHEN



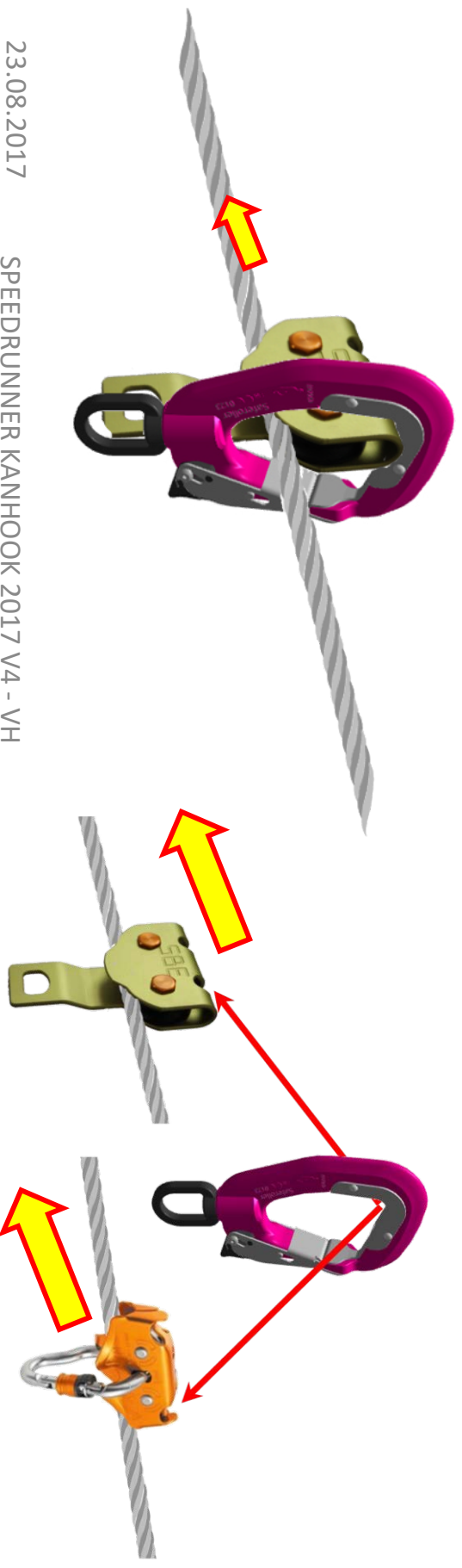
AFTER EVACUATION – APRES L'EVACUATION – NACH EVAKUIERUNG

ALWAYS CLOSED BACK IMMEDIATELY THE LATCH –
THE BALL CLOSED ITSELF – THEN SCREW THE BOLT
PROPERLY BACK – CONTROL THE CLOSING

TOUJOURS REFERMER IMMEDIATEMENT LE LINGUET.
LE POUSSOIR SE REFERME TOUT SEUL.
REVISSER LA VIS DE SECURITE EN PLACE.
VERIFIER LA FERMETURE DU LINGUET.

SCHLIESSEN SIE SOFORT DAS VERRIEGELUNG ZURÜCK.
DIE FEDERN DRUCHSTÜCKE SCHLIESST SICH SELBST.
ZIEHEN SIE DIE SICHERHEIT SCHRAUBE AN .
ÜBERPRÜFFEN SIE DAS SCHLIESSUNG.





FRONT OF TROLLEY BY ZIP LINE
IS NOT RECOMMENDED



Kanhook TYP 2 Automatic

Replace the spring

REPLACE THE SPRING PROPERLY

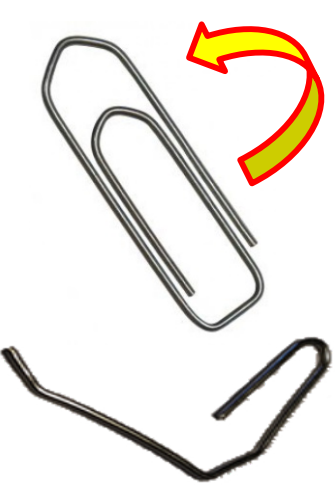
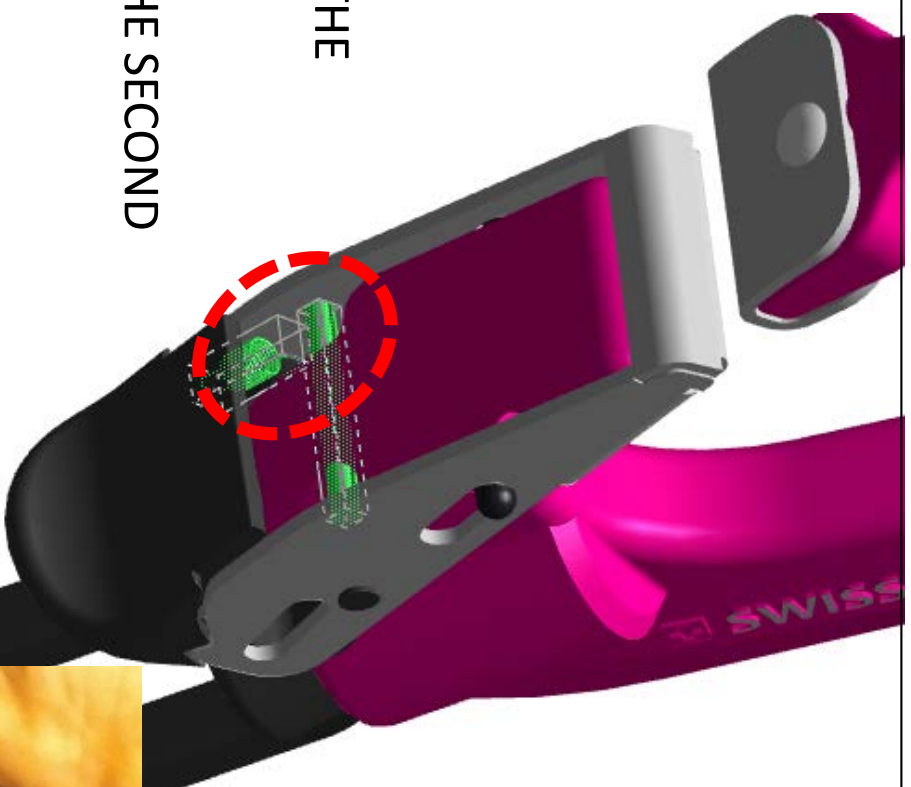
A. PULL THE TRIGGER DOWN A LITTLE BIT UNTIL YOU CAN SEE THE FIRST SPRING

B. WITH A TOOL, WITHOUT LOADING TO MUCH PLACE THE SPRING OVER THE PIN

C. MAKE THE SAME WITH THE SECOND



MANIPULATE THE TRIGGER AND CONTROL FONCTIONNALITY



MAKE YOUR TOOL !





SAFE5305028 LIP AGAINST WEAR



SAFE5300315 POP RIVET (5X)



SAFE5305029 NOSE LIP



SAFE5305020 LINGUET
 AUTOMATIC



SAFE5400653 O RING



SAFE5305022 SPRING
 (2x)

SAFE5305025 SECURITY SCREW M5X18



SAFE5305024 AXLE FOR SIDE
 SPRING PIN

SAFE5305037 AUTOMATIC PIN



SAFE5305038 SPRING FOR
 CLOSING PIN



SAFE5305021 TRIGGER

SAFE5305039 PLUG FOR CLOSING PIN 5X8 MM



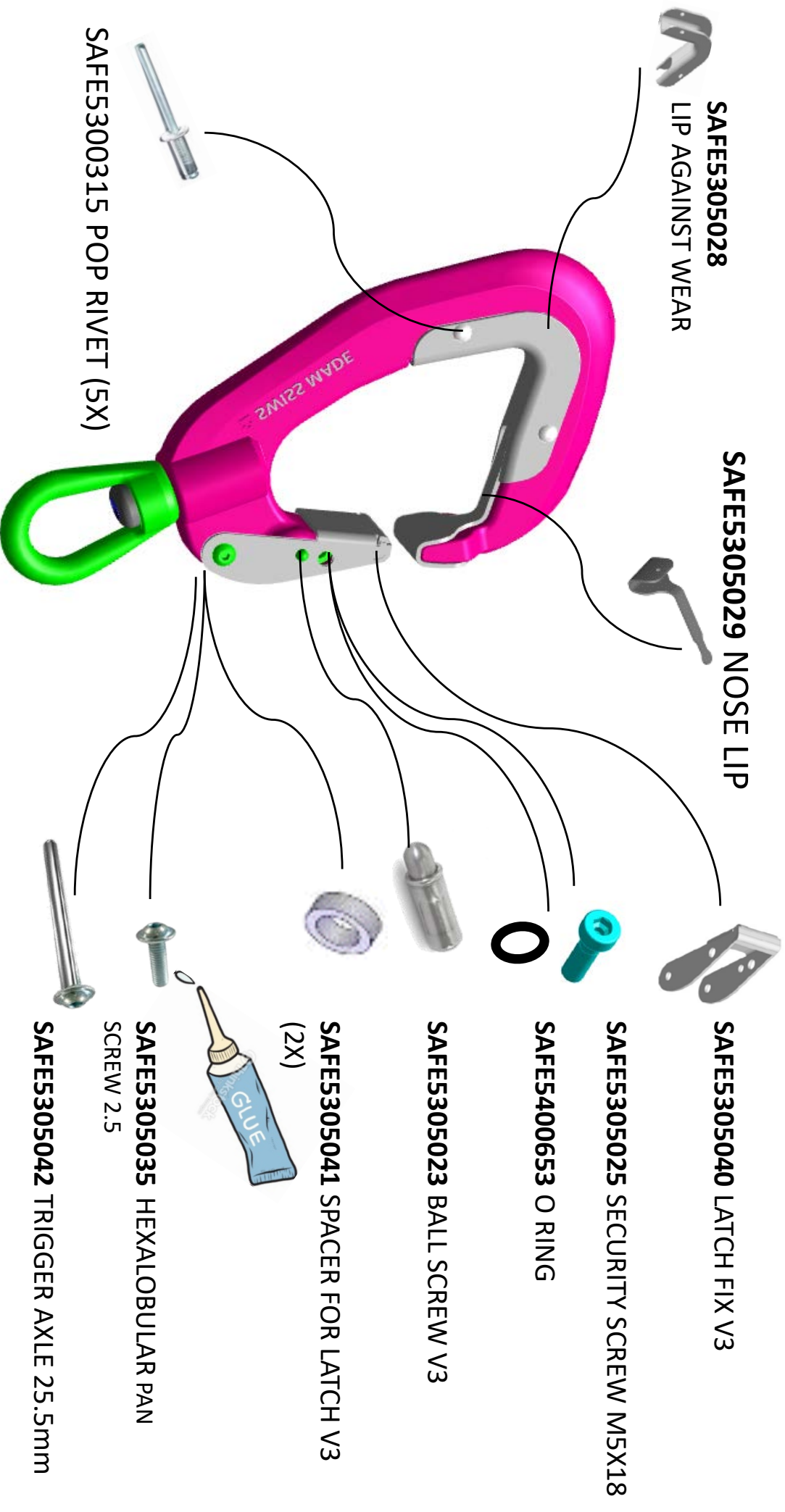
TILL SUMMER 2017

SAFE5305039 PLUG FOR CLOSING PIN 5X8 MM



SAFE5305035 HEXALOBULAR PAN
 SCREW 2.5

SAFE5305044 TRIGGER AXLE with screw

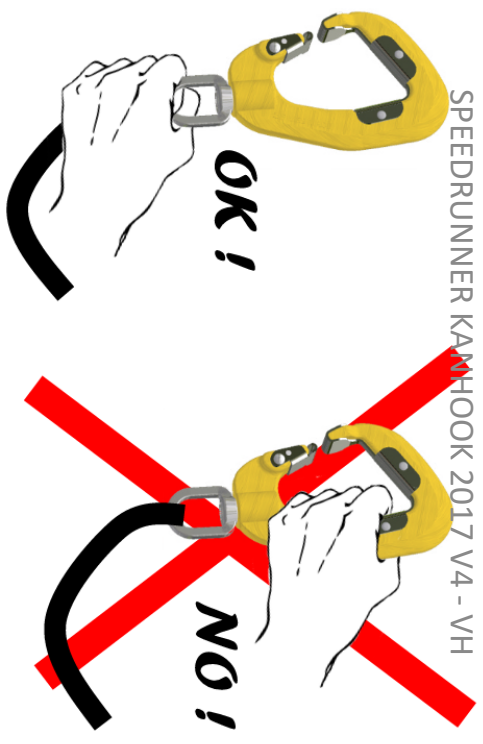
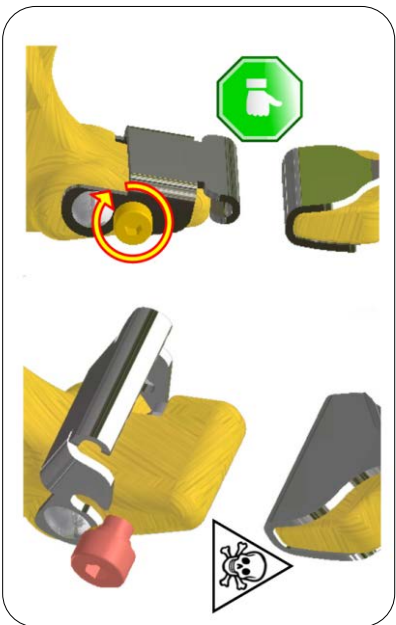
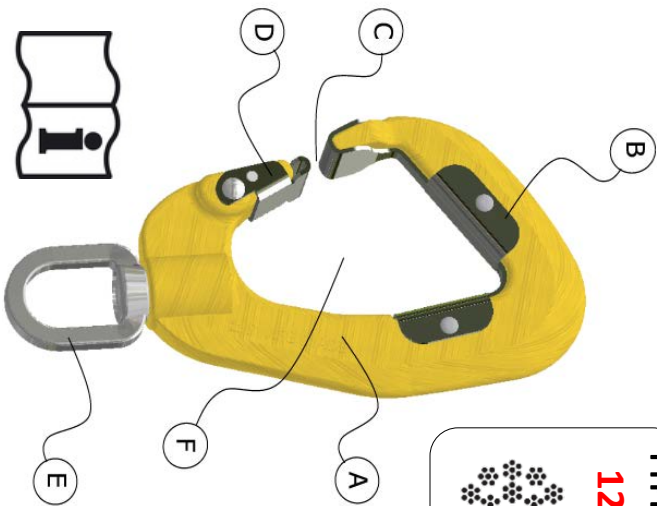




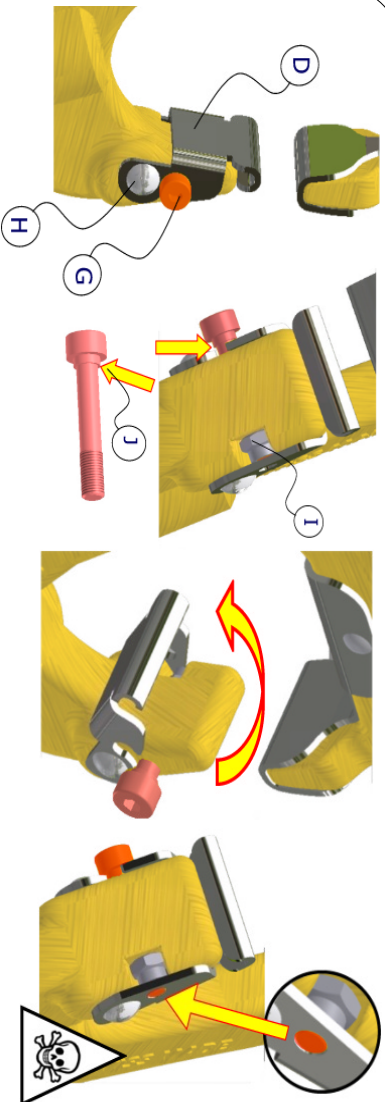
TYPE OF CABLE

12mm $\geq \varnothing \leq 12.7$ MM
19x7
12 mm to 12.7 mm
Antigratory
drehungsfrei

22 kN
 \varnothing 9 mm

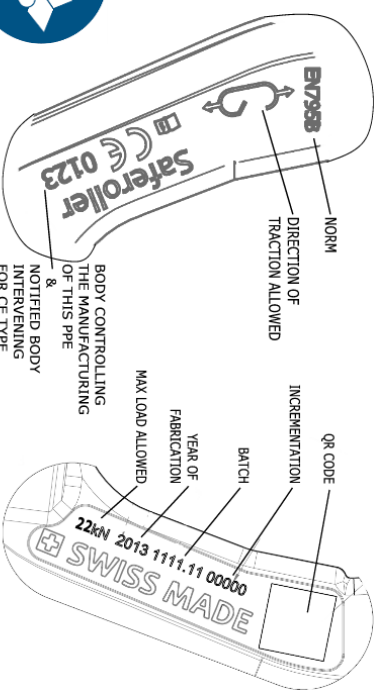
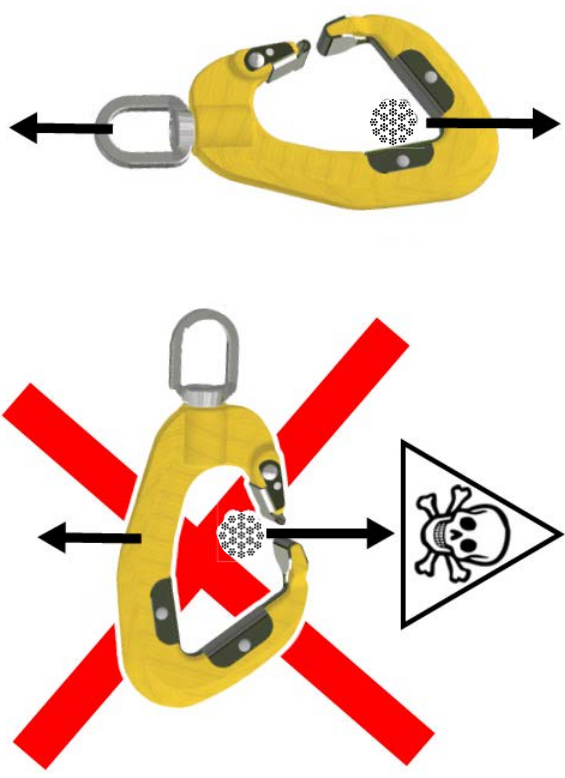


SPEEDRUNNER KANHOOK 2017 V4 - VH



**ALWAYS CLOSE BACK IMMEDIATELY
AFTER OPENING FOR RESCUE!**

Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions and decisions. The use of this product need a security briefing before use. Rescue should be done by drilled staff only!



TÜV sud Product Service GmbH - Daimlerstr. 11 DE-85748 Garching



Nomenclature

- A – Corps du Kanhook
- B – Lèvre supérieure anti usure
- C – Gorge de passage sur les supports
- D – Linguet d'évacuation
- E – Emerillon
- F – Gorge de passage du câble de sécurité

Contrôle avant chaque usage

Etat général – présence de la visserie – **LINGUET FERMÉ et VEROUILLÉ !**

Evacuation

- D – Linguet d'évacuation
- G – Vis de sécurité
- H – Rivet fixe
- I – Ecrin de sécurité
- J – limite d'ouverture de la vis

Sécuriser le participant – ouvrir la vis de sécurité de quelques tours jusqu'à ce que l'on puisse faire basculer le linguet – retirer le Kanhook du câble de sécurité – **TOUJOURS REFERMER IMMEDIATEMENT le Kanhook et RESERRER LA VIS DE SECURITE afin de VEROUILLER LE LINGUET !** Danger de mort le cas échéant !

23.08.2017

Nomenclature

- A - Body of Kanhook
- B - Upper lip anti-wear
- C - Gorge passing on the bracket
- D - Latch for rescue
- E - Swivel
- F - Gorge passing the safety cable

Check before each use

General condition - presence of screws and bolts - **CLOSED latch and locked!**

Evacuation

- D - Latch for discharge
- G - Security Screw
- H - Rivet fix
- I - Safety nut
- J - limit by opening the screw

Secure the participant - open security screws a few turns until you can swing the latch - remove the Kanhook from the safety cable - **ALWAYS CLOSE IMMEDIATELY and Kanhook Tighten the screw to SAFETY LOCK the latch !** Danger of death if necessary!

Nomenklatur

- A - Körper Kanhook
- B - Oberlippe Verschleißschutz
- C – Durchlass der Seilhaken
- D – Verriegelung für Evakuierung
- E - Swivel
- F – Durchlass vorbei das Sicherungssseil

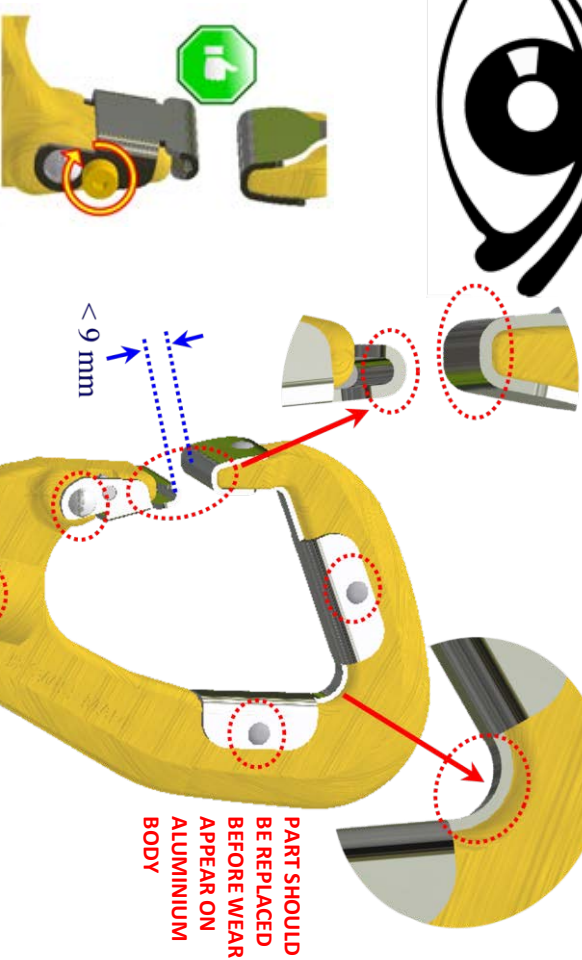
Überprüfen Sie vor jedem Gebrauch

Zustand - Vorhandensein von Normteil - **GESCHLOSSEN** Riegel und geschlossen !

Evakuierung

- D - Verriegelung Entladung
- G - Sicherheitsschraube
- H - Niete
- I - Sicherheitsmutter
- J - begrenzte Öffnung der Schraube

Sichern Sie den Teilnehmer . Öffnen Sie die Sicherungsschraube ein paar Runden, bis Sie den Riegel schwenken kann. Entfernen Sie den Kanhook vom Sicherheitssseil - **IMMIER sofort das Kanhook wieder SCHLIESSEN und ZIEHEN** Sie die Schraube zu **VERRIEGELN** dem Fang an! Lebensgefahr !



CHECK BEFORE EACH USE !

BOTH SIDES !

A VERIFIER

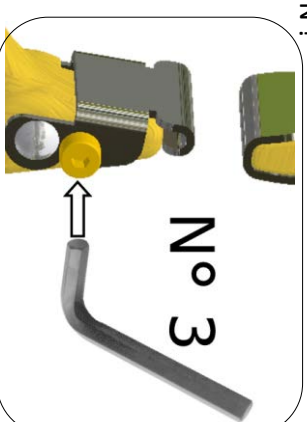
AVANT CHAQUE USAGE !

DES DEUX COTÉS !

ZU ÜBERPRÜFEN

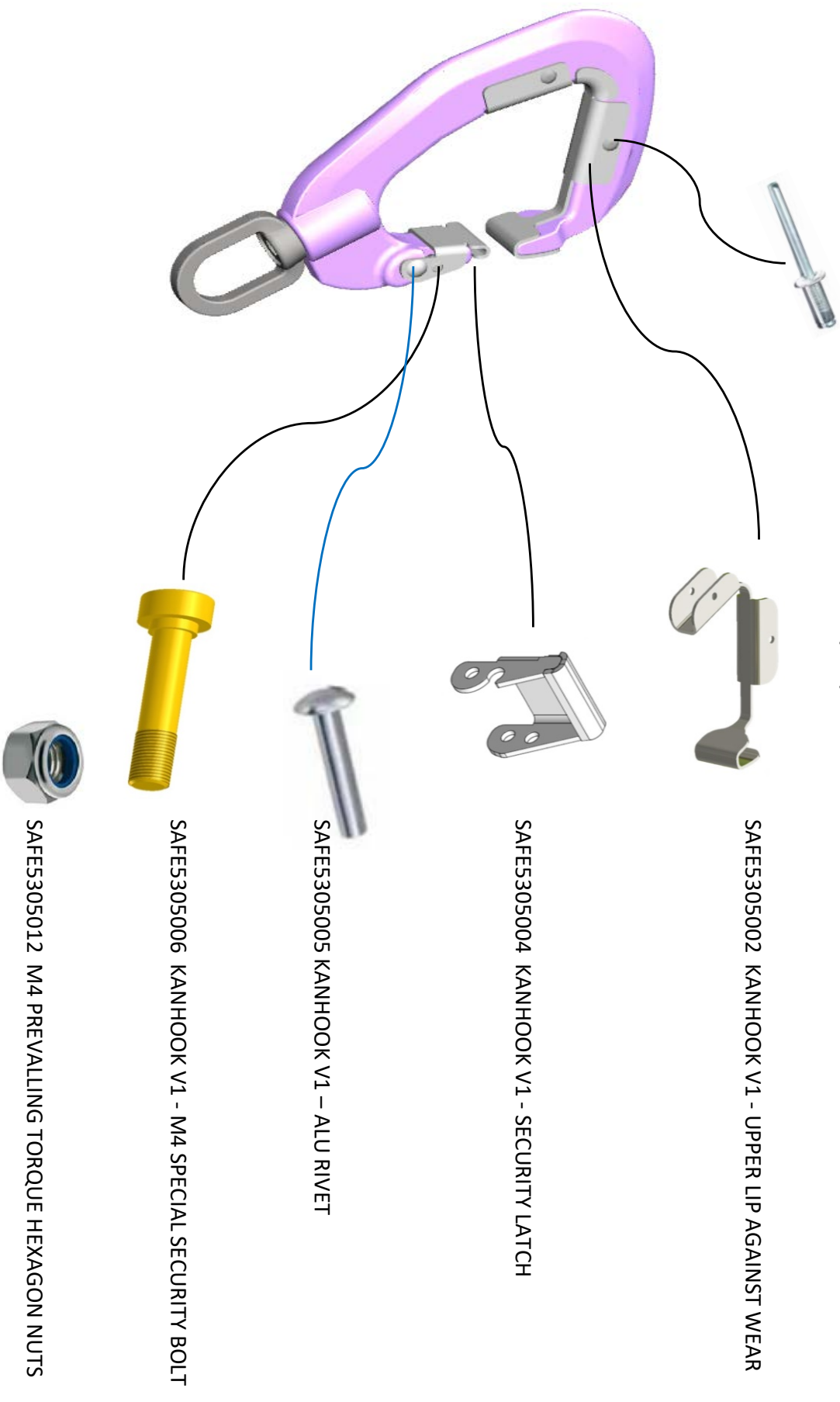
VOR JEDER VERWENDUNG!

BEIDEN SEITEN !





SAFE5300315 POP RIVET (5X)



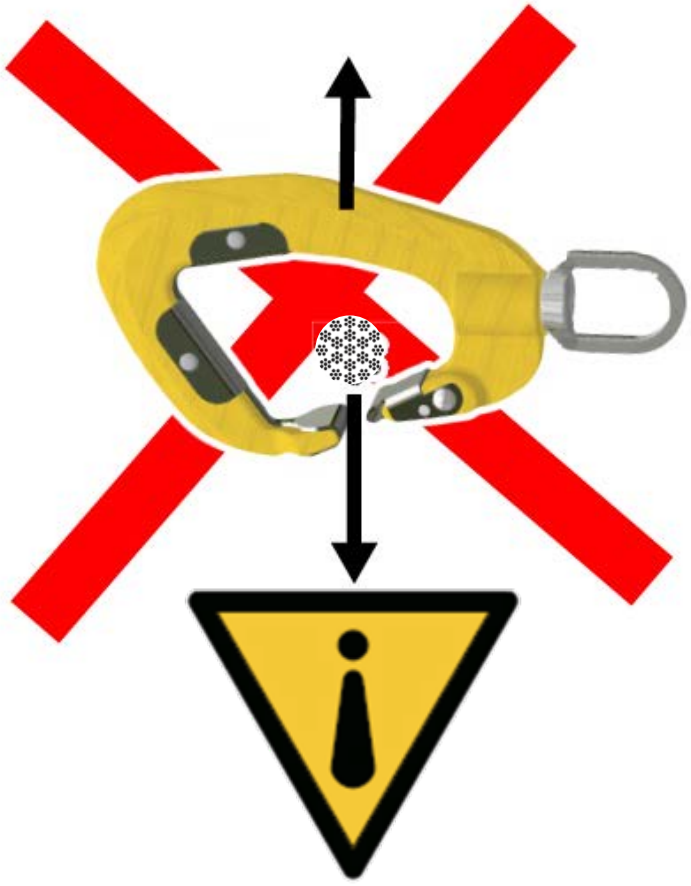
SAFE5305002 KANHOOK V1 - UPPER LIP AGAINST WEAR

SAFE5305004 KANHOOK V1 - SECURITY LATCH

SAFE5305005 KANHOOK V1 – ALU RIVET

SAFE5305006 KANHOOK V1 - M4 SPECIAL SECURITY BOLT

SAFE5305012 M4 PREVALLING TORQUE HEXAGON NUTS





EN 795 B / EN 15567-1 / ACCT standard
RfU CNB/P/11.104

applied for the use of this product
Sont applicables pour l'usage de ce produit
gelten für die Verwendung dieses Produkts

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www.kanopeo.com



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info@kanopeo.com



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