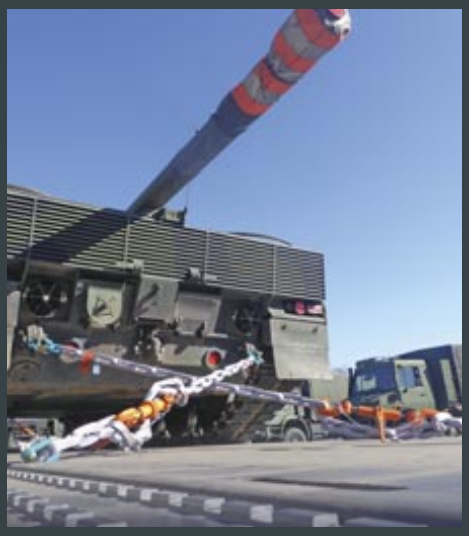
Dolezych
EINFACH SICHER

Partner for Military Technology

Safe lifting. Safe transporting.



On land

On water

In the air

We make the world safer and easier.

Official partner for your safety

Our product portfolio comprises more than 50.000 items that are available worldwide when loads need to be lifted, transported or secured on road, rail, water or in the air. This includes universal tools for standardized requirements as well as many special custom-made products.
Product innovations, engineered by Dolezych, make the daily work of users easier. The safety of the products is also guaranteed by the certified QM system and the company's own test laboratories.

As an authorized manufacturer and supplier, Dolezych accompanies the process up to the introduction with a NATO supply number. For more than 30 years, Dolezych has been equipping the German Armed Forces with an extensive NATO product range consisting of load securing and lifting equipment: from anchor points to lashing straps.

By participating in relevant national and international DIN CEN standardization committees and VDI committees, Dolezych products already meet future product requirements worldwide. Collaboration with universities and technical colleges ensures strong connections to research and development.
This leads to numerous patented product innovations in the field of lifting and transport technology. In addition to developing, manufacturing and providing its products, the Dortmund based medium-sized company offers a comprehensive range of services:
Consulting, maintenance, testing and repair of all lifting, slinging and load securing equipment are part of the service package.

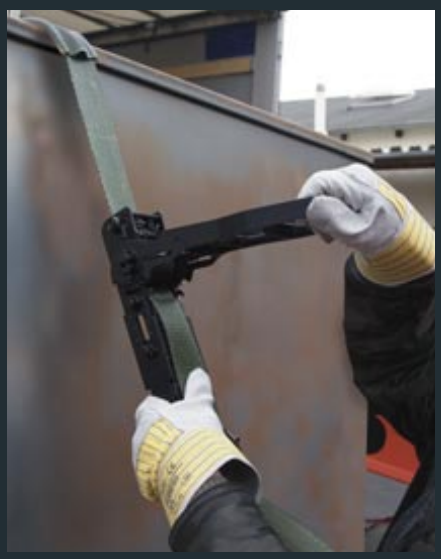
Dolezych also offers a wide range of training programs with proof of qualification. Users receive cross-product information in practice oriented seminars about safe lifting and transporting. It should be emphasized that Dolezych developed the BPL training program, is an approved training provider for the BPL (Beauftrage Person Ladungssicherung) and conducts training courses for the German Armed Forces.

Dolezych has been a BwFPS framework agreement partner for load securing equipment since 2007.

More information

Do*Vario2* modular system
Do*2Step* pull ratchet

NATO Stock Number	Part. no.	Description
3990 – 12 – 373 – 7927	SET-26505912-001	Set of lashing straps for loads, vehicle (6 x lashing strap, 6 m)
3990 – 12 – 373 – 1875	11-26505712-006000-001	Lashing strap for loads, vehicle (lashing strap, 6 m)
3990 – 12 – 389 – 5203	11-26505715-006000-001	Lashing strap for transport rack
3990 – 12 – 300 – 1904	11-26505734-009000-001	Lashing strap for loads, vehicle (lashing strap, 9 m)



Lashing straps for loads, vehicle (lashing strap, 6 m)	
Lashing Capacity (LC)	2.000 daN
Length	6.000 mm
Strap width	50 mm
Material	PES
Standard	DIN EN 12195-2
Tensioning device	Do*2Step* tension ratchet with integrated preload indicator
Fittings	Swivel hook with twist-housing

Controlled pre-release guarantees safe opening of the pull ratchet. No whipping effect when releasing.

Your advantages with the Do*Vario 2* modular system and the Do*2Step*p pull ratchet:

- Automatic return of the safety slide
- Highest preload forces due to long ratchet lever
- Optimized handle – easy operation even when wearing gloves
- Particularly ergonomic thanks to the principle "pulling instead of pushing"
- 4 gear wheels with 20 teeth each for long service life
- Can be opened safely even under load with little manual force
- You determine the length of the straps yourself, the length of the short part is individually adjustable
- Combination options with other systems are available (e.g. chain construction kit)
- Hook can be rotated 360° and swivelled 180°

Lashing strap, 6 m

Load securing – quick, easy, safe

Additional equipment for lashing strap

NATO Stock Number	Part. no.	Content	NSN name description	Description
3990 – 12 – 404 – 0619	SET-16001194-001		Lashing gear, loads, vehicle	Additional equipment for lashing strap
3940 – 12 – 404 – 2050	21-06990043-000000-000	6 x	Protection, strap	Edge protection corner
9320 – 12 – 404 – 1433	21-06990044-000000-000	24 x	Rubber panel, solid	Anti-slip mat, granulate
8105 – 12 – 404 – 0528	06-06990042-000000-000	1 x	Bag, tools and spare parts	Bag additional equipment

Edge protection corner	
Dimensions (Length $_1$ x width x length $_2$)	approx. 185 mm x 145 mm x 150 mm
Thickness	approx. 20 mm
Anti-slip mat	
Length x width	approx. 250 mm x 150 mm
Thickness	approx. 8 mm
Standard/regulation	VDI 2700 sheet 14/15
Bag additional equipment	
Outer bag dimensions (L x W x H)	approx. 480 mm x 160 mm x 290 mm
Number of storage compartments	3

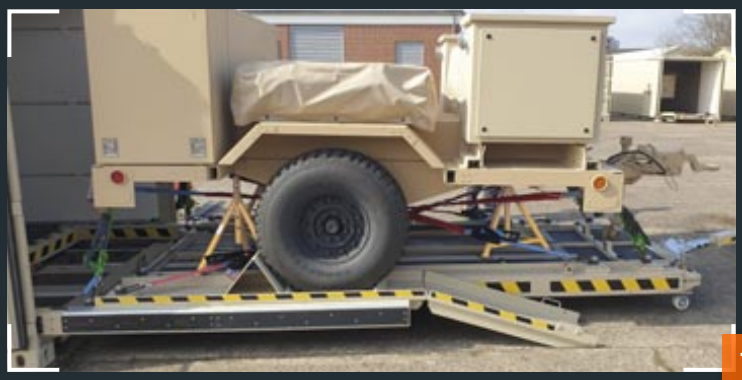
Intended use – area of application

The supplementary equipment of lashing straps described here consists of 6 edge protection corners and 24 pads of anti-slip mats, which can be stowed and carried in a transport bag. This additional equipment is used for lashing straps up to 50 mm width in the tie-down lashing method and is compatible with the 6 m and 9 m lashing straps.

Dolezych lashing strap set, trailer securing inside the container

Article number	SET-26000100-001

Product designation	Content	Description
Dolezych lashing strap Do*Zurr* 5000	2 x	2-part; DIN EN 12195-2; Lashing Capacity (LC): 2.500 daN Do*2Step*, webbing width: 50 mm; PES; with double j-hook; nominal length LG: 3.800 mm, red
Dolezych lashing strap Do*Zurr* 5000	2 x	2-part; DIN EN 12195-2; Lashing Capacity (LC): 2.500 daN Do*2Step*, webbing width: 50 mm; PES; with double j-hook; nominal length LG: 3.800 mm, blue
Dolezych lashing strap Do*Zurr* 5000	4 x	2-part; DIN EN 12195-2; Lashing Capacity (LC): 2.500 daN Do*2Step*, webbing width: 50 mm; PES; with double j-hook; nominal length LG: 1.000 mm, green



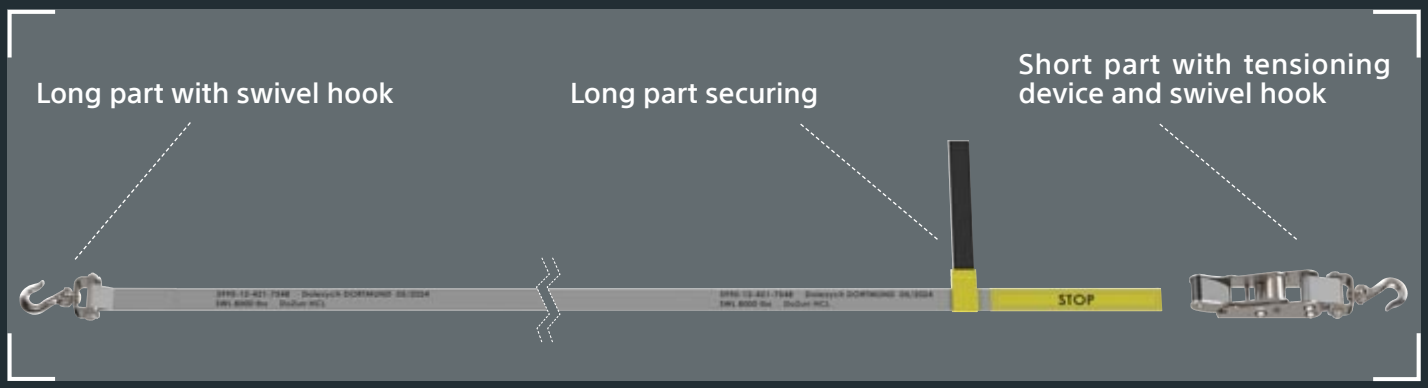
The load securing set contains various strap systems, e.g. to secure a single-axle trailer for air transport in a container. The single-axle trailer is secured on a frame. Special straps have been designed for this purpose to ensure safe transportation.
Different colors were chosen for the straps to ensure that they can be attached without confusion. The straps are also equipped with an abrasion protection and are therefore protected against damage during transportation. The tried and tested Do*2Step* ratchet was chosen as the tensioning element.

Do*Zurr* HCL Helicopter-Lashing

NATO Stock Number	Part. no.	Description
3990 – 12 – 421 – 7548	11-26452573-006000-001	Dolezych lashing strap Do*Zurr* HCL, 2-part
4030 – 12 – 423 – 0341	11-26542572-000320-001	Dolezych lashing strap Do*Zurr* HCL, Short part with tensioning device and swivel hook
1680 – 12 – 422 – 6815	11-26452574-006500-001	Dolezych lashing strap Do*Zurr* HCL, Long part with swivel hook
8315 – 12 – 422 – 3407	49-06450099-000350-001	Dolezych lashing strap Do*Zurr* HCL, Long part securing, velcro and fleece strap

Do*Zurr* HCL, e.g. for the multi-purpose helicopter NH90

- Safe Working Load (SWL): 8.000 lbs
- With Over-Center-Buckle
- Webbing width: 45 mm
- PES
- With swivel hook without safety catch
- Nominal length LG: 6.000 mm
- Ergonomic working due to lower weight compared to steel chains
- Intuitive handling thanks to clear belt markings
- Avoidance of surface load damage

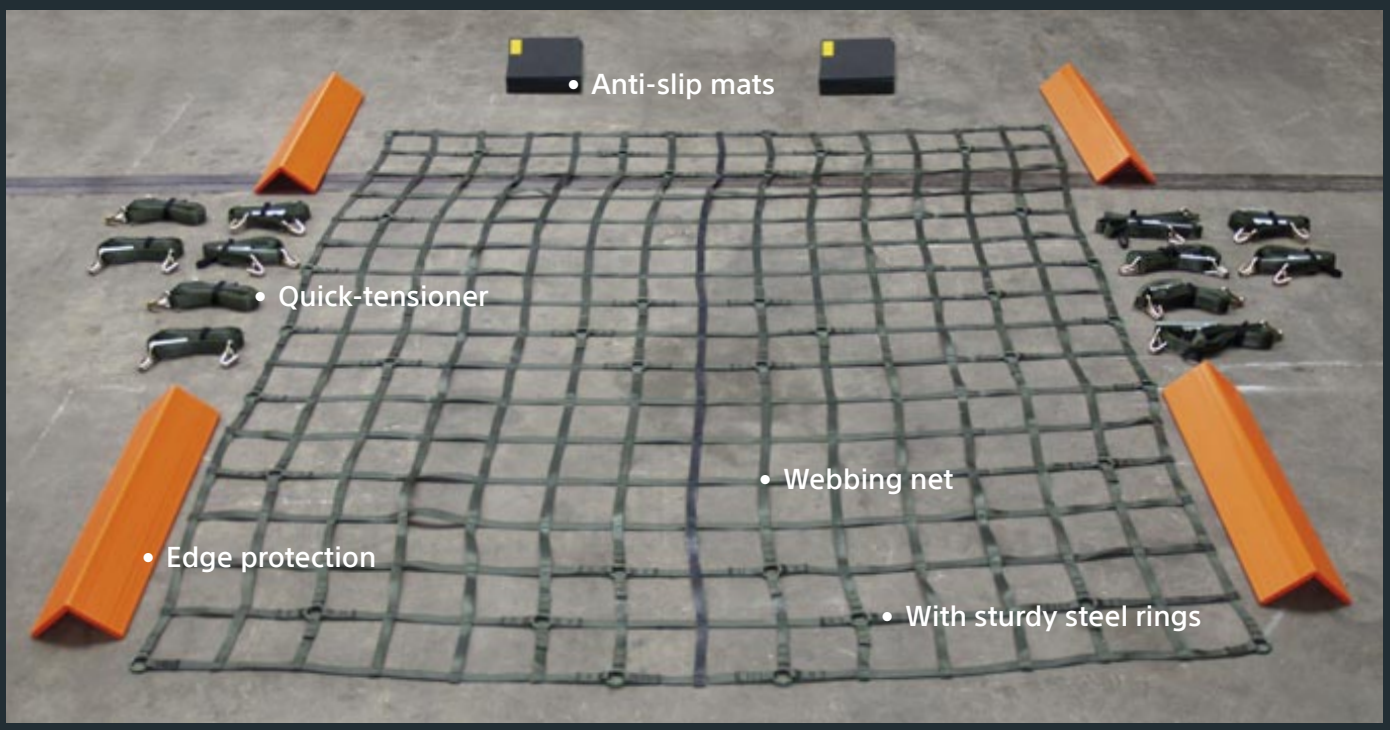


Safe Working Load (SWL)	8.000 lbs
Length total length when looped in	6.000 mm
Webbing width	45 mm
Color	White
Tensioning device design	Over-Center-Buckle
End fitting design	Swivel hook without safety catch
Webbing material	PES
Weight	2,85 kg
Elongation	≤ 5 %

Do*KEP*® load securing "Transport of unstable loads"

NATO Stock Number	Part. no.	Description
2540 – 12 – 382 – 2445	Set-16001192-001	Do*KEP*® load securing equipment for transporting unstable loads

NATO Stock Number	Part. no.	Content	Description
3940 – 12 – 384 – 8497	14-16000058-000000-001	1	Do*KEP*® webbing net
3990 – 12 – 384 – 9360	11-26502050-004000-001	12	Quick-tensioner
9320 – 12 – 384 – 9449	21-06104109-000000-000	16	Anti-slip mat (granulate)
4030 – 12 – 384 – 9362	21-06000105-001000-000	4	Edge protection
8105 – 12 – 384 – 9809	06-06990035-000000-000	2	Carrier bag, type A
8105 – 12 – 385 – 0212	06-06990036-000000-000	1	Carrier bag, type B
-	04-06999990-000000-000	1	Protractor and calculation template



Length x width x mesh size	approx. 3.760 mm x 3.290 mm x 235 mm
LC net fixing point	2.000 daN
LC net total	5.000 daN
Max. load weight	5.000 kg
Standard	VDI 2700 sheet 3.3 in accordance with EN 12195-2
Number of fixing points (rings)	40
Edge protection	Length: 300 mm, Width: 250 mm, Thickness: 10 mm

Do*KEP*® load securing system Hägglund trailer Bv 206 S

NATO Stock Number	Part. no.	Content	Description
3940 – 12 – 392 – 0114	14-16000064-000000-001	-	Do*KEP*® load securing system for trailer BV 206 Hägglund, net and quick-tensioner
–	14-16000067-000000-001	1	Do*KEP*® load securing net for trailer BV 206 Hägglund
3990 – 12 – 402 – 6967	11-16000053-002000-001	10	Do*KEP*® quick-tensioner for trailer BV 206 Hägglund

Length x width x mesh size	3.720 mm x 2.715 mm x 300/30 mm
LC net fixing point	500 daN
LC net total	1.000 daN
Standard	VDI 2700 sheet 3.3 in accordance with EN 12195-2
Number of fixing points (rings)	32

Easy to use with quick-tensioner and suspension function

Do*KEP*® load securing system for MOWAG EAGLE IV

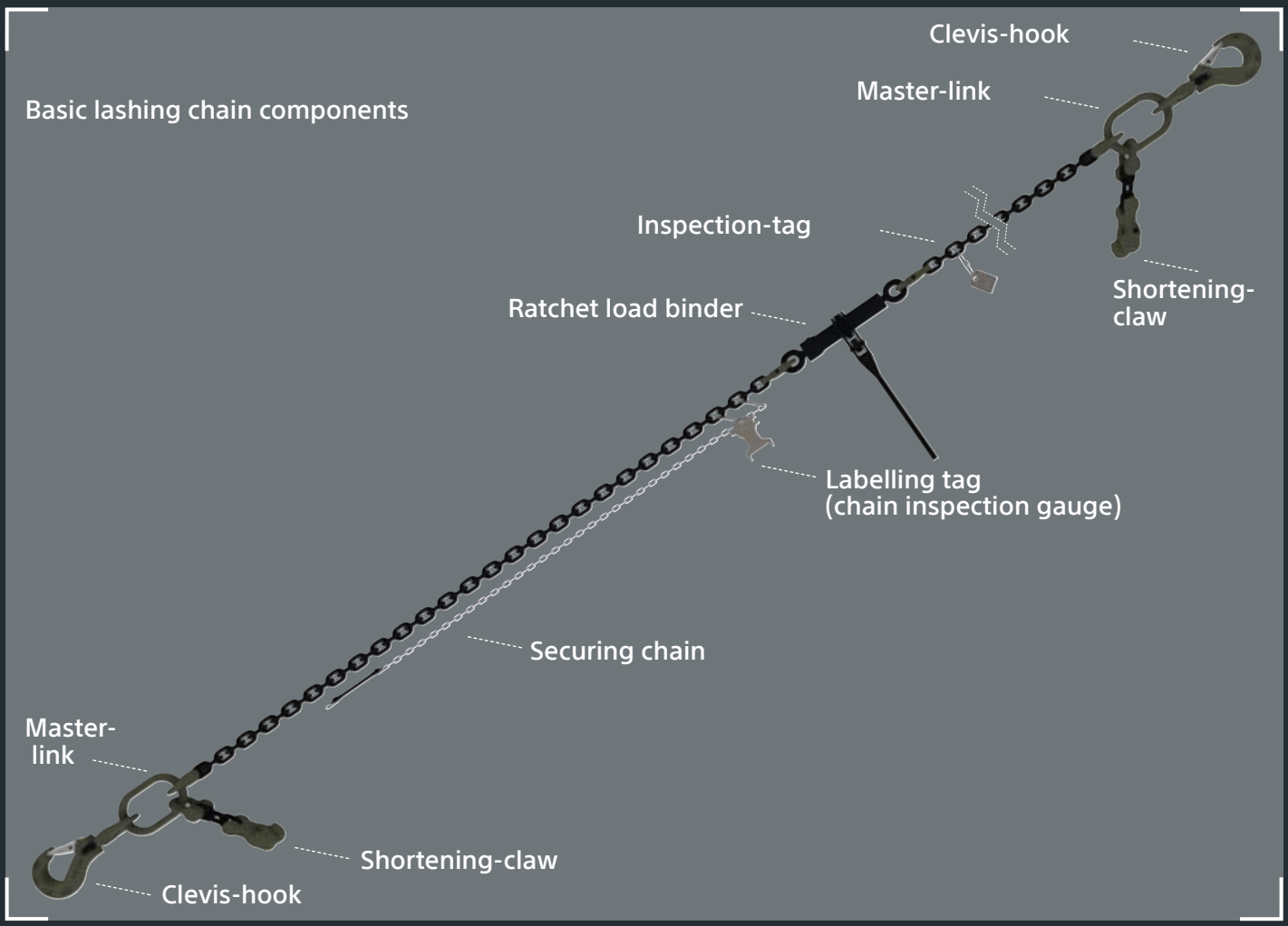
NATO Stock Number	Part. no.	Content	Description
3940 – 12 – 388 – 0373	SET-16003003-001	-	Do*KEP*® load securing system for Eagle IV
–	14-16003004-000000-001	1	Do*KEP*® load securing net for Eagle IV
3940 – 12 – 395 – 5998	21-16003005-000000-001	10	Do*KEP*® lift-system Eagle IV (incl. fixing material)

Length x width x mesh size	2.045 mm x 1.710 mm x 300/30 mm
LC net fixing point	500 daN
LC net total	1.000 daN
Standard	VDI 2700 sheet 3.3 in accordance with EN 12195-2
Number of fixing points (rings)	6

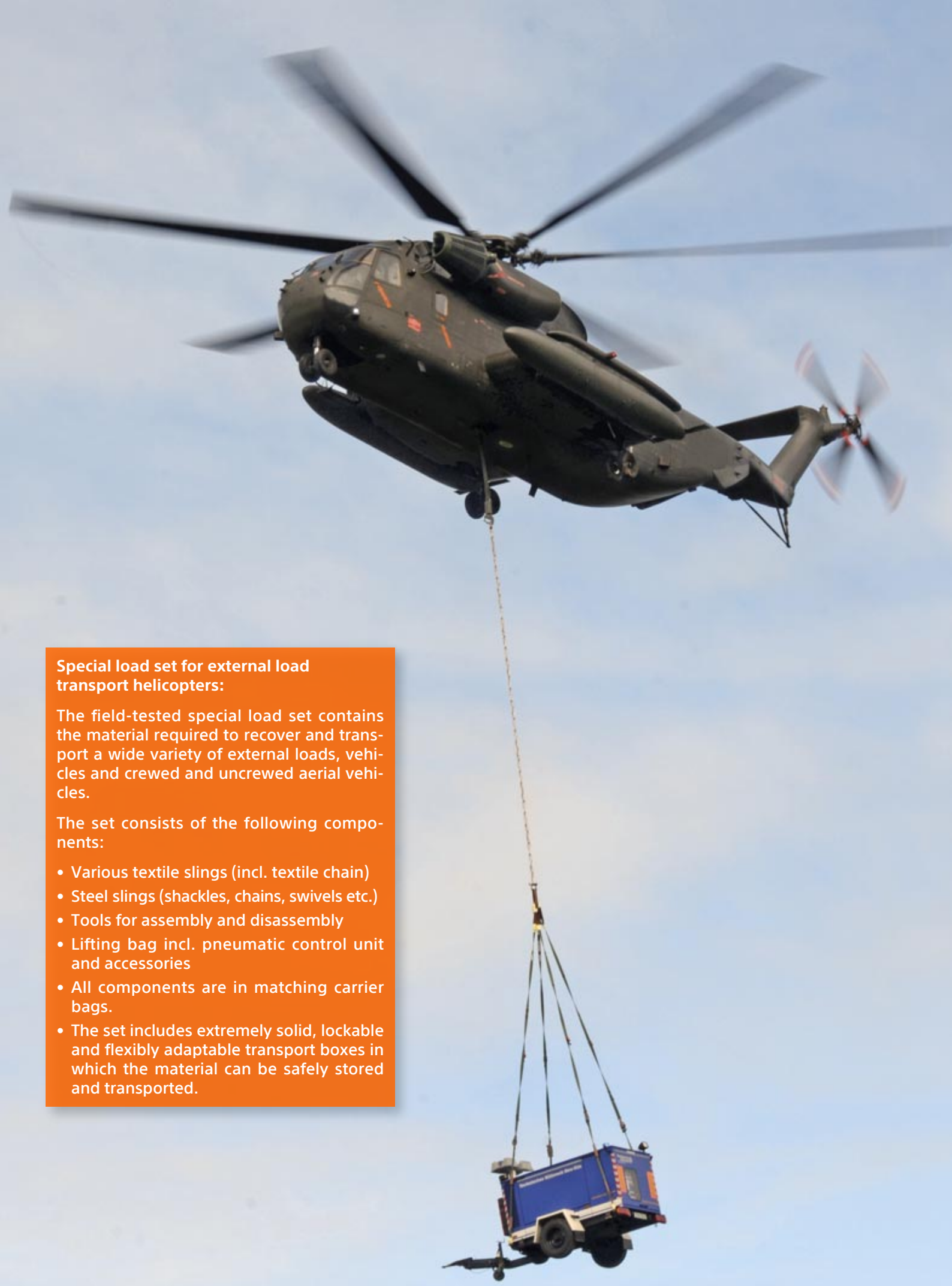
Load securing system with lift function

Basic lashing chain

NATO Stock Number	Part. no.	Description
–	13-59860601-004200-001	Basic lashing chain, 1-part, with clevis-hook with safety snap, type basic lashing chain 6/10
–	13-59860801-004300-001	Dolezych tensioning lashing chain, 1-part, with clevis-hook with safety snap, type basic lashing chain 8/10
–	13-59861001-004500-001	Dolezych tensioning lashing chain, 1-part, with clevis-hook with safety snap, type basic lashing chain 10/10
–	13-59861301-004500-001	Dolezych tensioning lashing chain, 1-part, with clevis-hook with safety snap, type basic lashing chain 13/10



Chain type	Ratchet load binder	Lashing Capacity LC	Nominal length	Nominal chain size	Chain grade	Weight
6/10	Do*Ra*50	2.800 daN	4.200 mm	6	100	8,4 kg
8/10	Do*Ra*100	5.000 daN	4.300 mm	8	100	15,7 kg
10/10	Do*Ra*100	8.000 daN	4.500 mm	10	100	25,6 kg
13/10	Do*Ra*200	13.4000 daN	4.500 mm	13	100	45,6 kg



Special load set for external load transport helicopters:

The field-tested special load set contains the material required to recover and transport a wide variety of external loads, vehicles and crewed and uncrewed aerial vehicles.

The set consists of the following components:

- Various textile slings (incl. textile chain)
- Steel slings (shackles, chains, swivels etc.)
- Tools for assembly and disassembly
- Lifting bag incl. pneumatic control unit and accessories
- All components are in matching carrier bags.
- The set includes extremely solid, lockable and flexibly adaptable transport boxes in which the material can be safely stored and transported.

Special load set

Easier securing and lifting with the textile chain Do*Nova*®

Reliable aids are essential for ensuring precise transport and lifting operations on road and rail, on water and in the air. The safety of loads and those involved is always in the focus.
The textile chain Do*Nova*® revolutionizes the lifting and securing of heavy loads by combining lightweight and strength. Made from Dyneema® fiber, it offers the tensile strength of a steel chain but weighs up to 85 percent less. The chain not only simplifies use, but also protects the loads and the user.

With the PowerLash lashing chain, you can secure loads quickly and efficiently. Their low weight makes handling considerably easier, so that even long lashing chains with a high LC of 10 t and more can be used by a single person. The Do*Nova*® *PowerLash* is just as efficient as high-strength steel chains up to grade 120 and nominal sizes up to 16 millimeters.

Special Do*Nova*® clevis-hooks at the end of the textile chain allow it to be easily hooked into the lashing point. Using the Do*Ra* ratched load binder, the textile chain can be shortened and the load secured quickly and easily.

The lifting chain Do*Nova*® *PowerLift* offers easy handling as well as protection for sensitive loads. The soft, flexible webbing chain is ideal for gentle lifting of sensitive loads. If necessary, the chain can be easily shortened using shackles or special hooks.

The modular system
Do*Nova*® *PowerLash* and *PowerLift* are designed as a modular system and can be flexibly configured. Integrated clevis-hooks enable even easier handling and save weight. In addition, customized systems can be easily adapted.

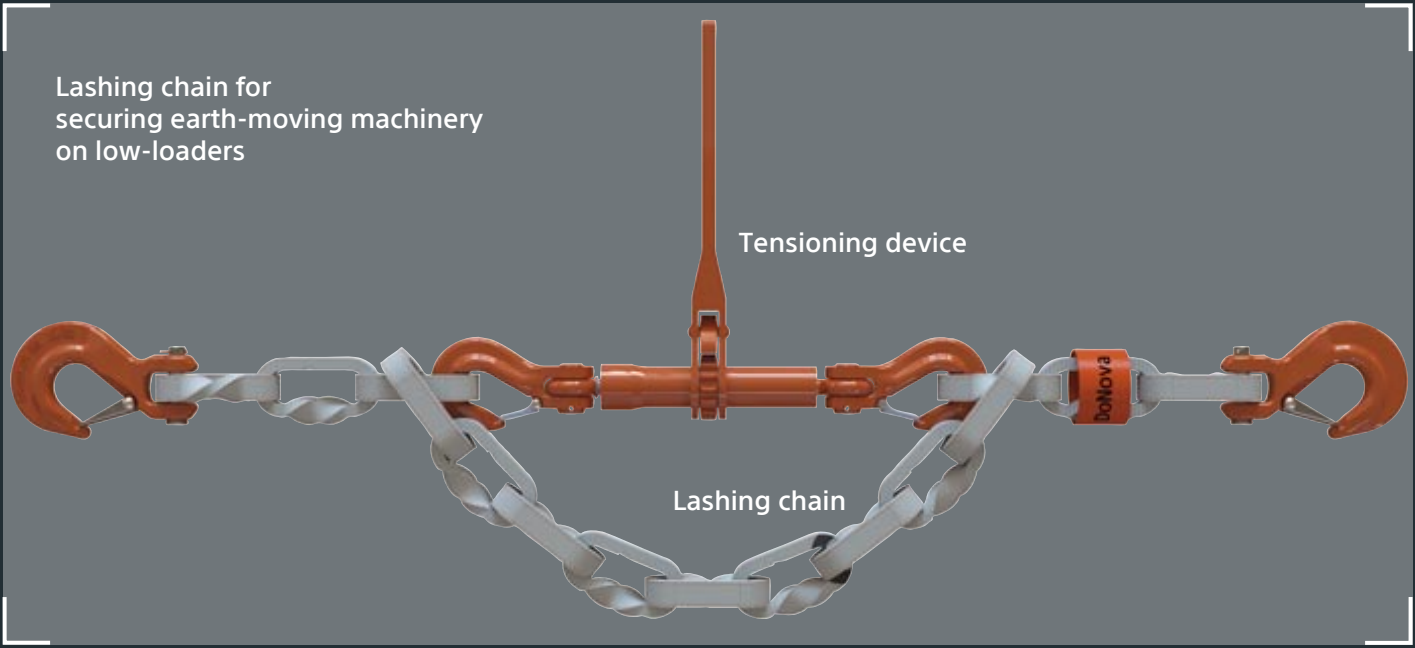
Design	12/6	25/6	25/8	25/10	30/8	30/10
Item number	49-76120600	49-76250600	49-76250800	49-76251000	49-76300800	49-76300800
Material	Dyneema®	Dyneema®	Dyneema®	Dyneema®	Dyneema®	Dyneema®
Minimum breaking force (MBF)	60 kN	150 kN	200 kN	250 kN	320 kN	400 kN
Working Load Limit, WLL (SF 4:1)	1.500 kg	3.400 kg	5.000 kg	6.300 kg	8.000 kg	10.000 kg
Lashing Capacity, LC (SF 2:1)	3.000 daN	7.500 daN	10.000 daN	12.500 dan	16.000 daN	20.000 daN

DoNova® PowerLash 25/8 with DoRa100

NATO Stock Number	Part. no.	Description
4010 – 12 – 424 – 1478	13-77250800-003500-001	Lashing chain
3990 – 12 – 424 – 1036	29-03850101-000000-001	Tensioning device

The Do*Nova*® textile chain can be used with the ratchet load binders from the Do*Ra* series to enable fast and efficient securing of earthmoving machinery on low-loaders while also protecting personnel. The significant weight reduction compared to steel lashing chains makes loading easy.

Advantages that speak for themselves!
The low weight enables better handling and is easy on the user's back. Shortening is particularly easy as the ratchet load binder can be hooked directly into each chain link. Additional components, such as shortening claws, are not required.



Variant	25/8
LC	10.000 daN
Tensioning distance	approx. 270 mm
Length	3,5 m
Tensioning device design	
Weight of tensioning device	6,2 kg
Hook version	Do*Nova*® clevis-hooks on both sides
Do*Nova*® weight	approx. 5,6 kg

Heavy load, light securing

Load securing equipment for BwFuhrparkService GmbH

Examples of the load securing equipment for BwFuhrparkService GmbH
Do*Zurr* 5000 tensioning strap with preload indicator and snap hook
Locking bar for trucks with box bodies
Do*KEP*® Load securing net for cars 1.975 mm x 1.000 mm
Do*KEP*® Load securing net for cars 1.000 mm x 1.000 mm
Do*KEP*® Load securing net Trapo with telescope cargo bar 1.975 mm x 1.650 mm
Extension net Trapo 1.000 mm x 1.650 mm
Do*KEP*® Load securing net truck with locking bar 2.510 mm x 2.730 mm
Extension net for trucks 2.510 mm x 2.730 mm

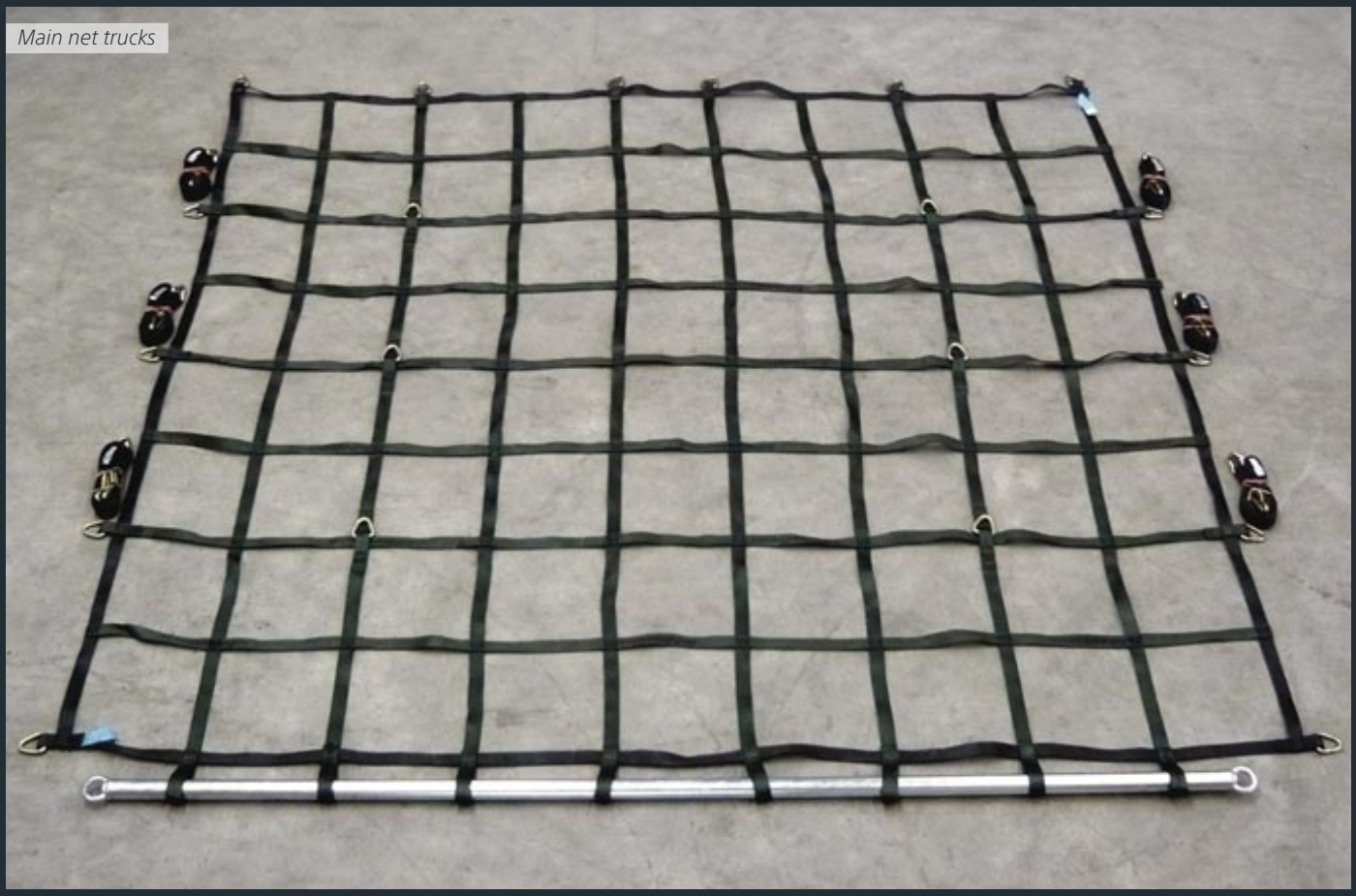
Car load securing net

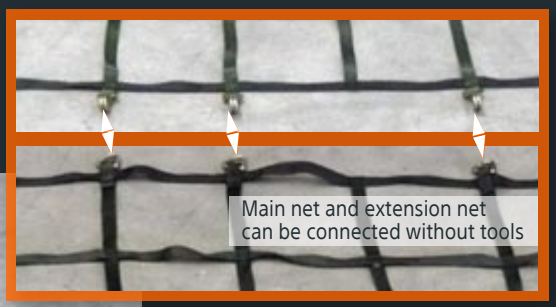
Load securing for truck/car lashing strap DoZurr 5000 with integrated preload-indicator

Load securing net in use

Telescope cargo bar in lashing points on the floor

Dolezych has been a framework agreement partner of BwFuhrpark Service GmbH since 2007.
For further information on our load securing products, please contact our team.


Main net trucks

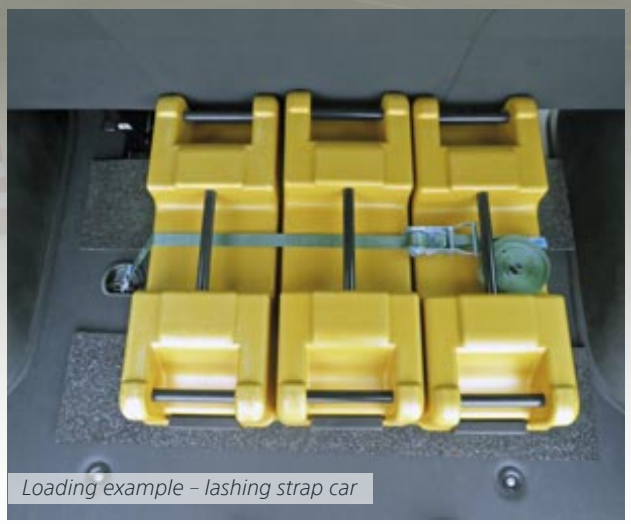

Main net and extension net can be connected without tools

Extension net trucks

Load securing equipment for BwFuhrparkService GmbH

Examples of the load securing equipment for BwFuhrparkService GmbH
Lashing strap for car Do*Zurr* 1000, 25 mm strap width with snap hooks
Do*KEP*® Load securing net standard flatbed truck 2 t, 3.130 mm x 3.130 mm
Extension net for standard flatbed truck 2 t, 960 mm x 3.130 mm
Do*KEP*® Load securing net standard flatbed truck 5 t, 4.060 mm x 3.130 mm
Extension net standard flatbed truck 5 t, 2.200 mm x 3.130 mm
Anti-slip mats (ASM) truck 2 t hümS, 2.800 mm x 300 mm x 4 mm
Anti-slip mats (ASM) truck 5 t hümS, 4.150 mm x 300 mm x 4 mm

Lashing strap car


Loading example – lashing strap car

Loading example – standard flatbed 5 t hümS

Example of a net, combination of different load securing components

Truck load securing net, version available for both 2 t and 5 t loads

- Main net
- Extension net
- Quick-tensioner
- Telescope cargo bar
- Bag

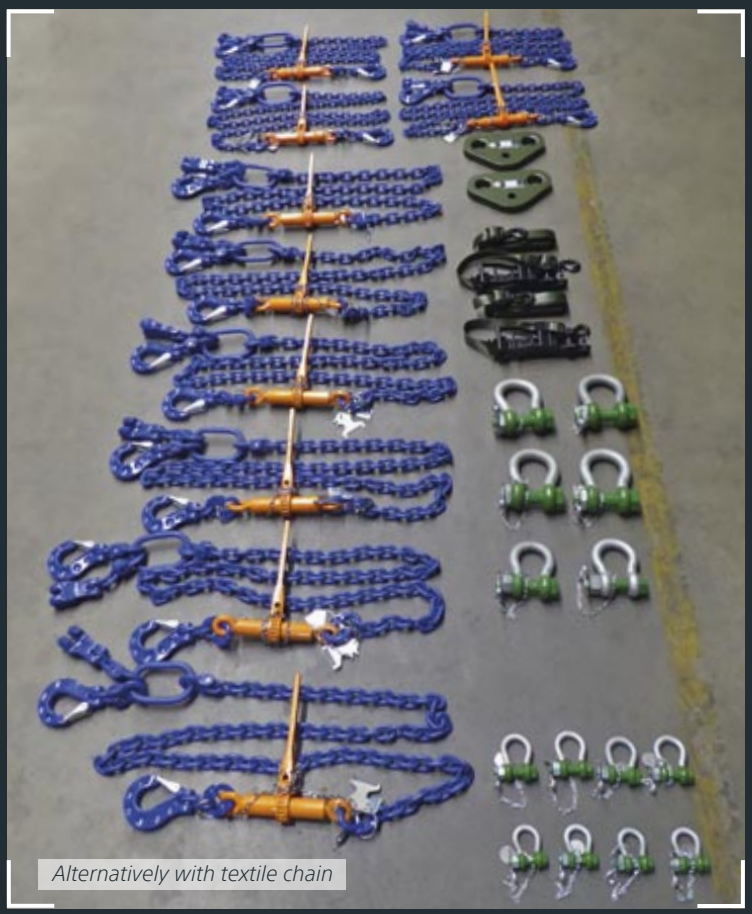
Anti-slip mats, 2 t/5 t

Attachment of DoKEP® load securing net for empty runs

DoKEP® load securing net for trucks in use

Load securing equipment for BwFuhrparkService GmbH

HTkz	Content	Description
SET-06189922-001		Lashing equipment low loader 30 t hümS, STEEL
13-59871301-004470-001	6	Dolezych lashing chain 13/10, 1-part, Lashing Capacity (LC) 13.400 daN, nominal length L1: 4.400 mm
13-59871001-004410-001	4	Dolezych lashing chain 10/10, Lashing Capacity (LC): 8.000 daN, nominal length L1: 4.400 mm
13-06189924-001000-001	2	Dolezych wreath chain-sling with shortening 10/10, Lashing Capacity (LC): 8.000 daN, nominal length L1: 1.000 mm
11-26505712-006000-001	2	Dolezych lashing strap, Lashing Capacity (LC): 2.000 daN, nominal length L1: 6.000 mm
84-08142948-000000-000	2	Dolezych compensator, Lashing Capacity (LC): 26.8000 daN
69-03299127-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 50.000 daN, Working Load Limit (WLL): 17.000 kg
69-03299118-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 32.000 daN, Working Load Limit (WLL): 12.000 kg
69-03299114-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 18.000 daN, Working Load Limit (WLL): 6.500 kg
69-03299111-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 9.750 daN, Working Load Limit (WLL): 3.250 kg



Alternatively with textile chain

HTkz	Content	Description
SET-06189910-001		Lashing equipment SLT „heavy“ TEXTILE
13-06189913-003000-001	4	Dolezych lashing chain Do*Nova*® *PowerLash*, Lashing Capacity (LC): 16.000 daN, nominal length L1: 3.000 mm
13-06189912-004000-001	4	Dolezych lashing chain Do*Nova*® *PowerLash*, Lashing Capacity (LC): 16.000 daN, nominal length L1: 4.000 mm
13-06189911-003000-001	2	Dolezych lashing chain Do*Nova*® *PowerLash*, Lashing Capacity (LC): 20.000 daN, nominal length L1: 3.000 mm
84-08142934-000000-000	2	Dolezych compensator, Lashing Capacity (LC): 32.000 daN
69-03299127-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 50.000 daN, Working Load Limit (WLL): 17.000 kg
69-03299118-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 32.000 daN, Working Load Limit (WLL): 12.000 kg
69-03299114-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 18.000 daN, Working Load Limit (WLL): 6.500 kg
69-03299113-000000-001	4	Dolezych shackle Green Pin polar, Lashing Capacity (LC): 13.400 daN, Working Load Limit (WLL): 4.750 kg

Dolezych safety tips

Lack of time, loads that are too different, lack of lashing equipment – the list of "reasons" for neglected load securing is long.

Practical load securing must be adaptable to different loads and must not take up much time. In addition to the appropriate load securing solution, the following safety tips should be observed:

- Seamless stowage, form-fit before force-fit
- Heavy items should be stowed as low as possible, preferably at the bottom
- The load should be distributed evenly and the load distribution plan must be followed
- Securing the load with nets or lashing straps ensures greater safety in the vehicle
- Avoid gaps between the back seat and the load in the car
- Closing the rear three-point seat belts crosswise ensures greater stability of the rear seat bench
- With the additional use of Do*Matt* anti-slip mats, you can increase safety in the vehicle even more
- Drive at a speed appropriate to the load condition of the vehicle

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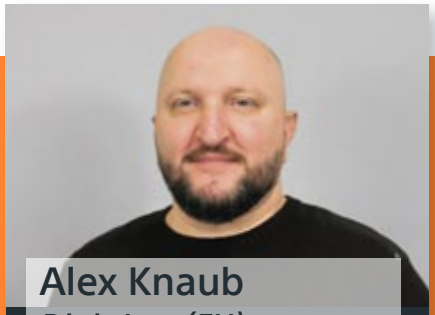

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Your use case was not included?

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