

# SMARTLOK<sup>®</sup>

BY LOADLOK<sup>®</sup>

## LIGHT COMMERCIAL VEHICLE ASSORTMENT

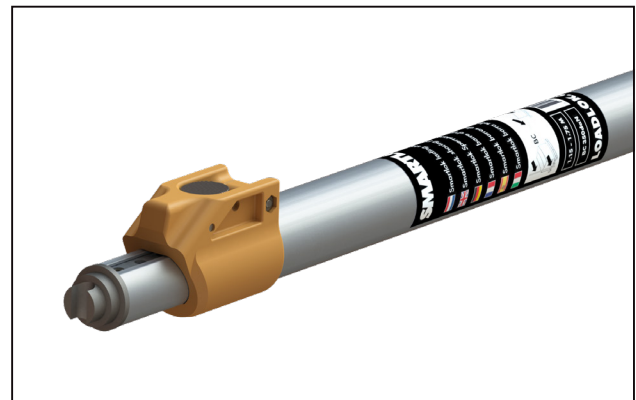
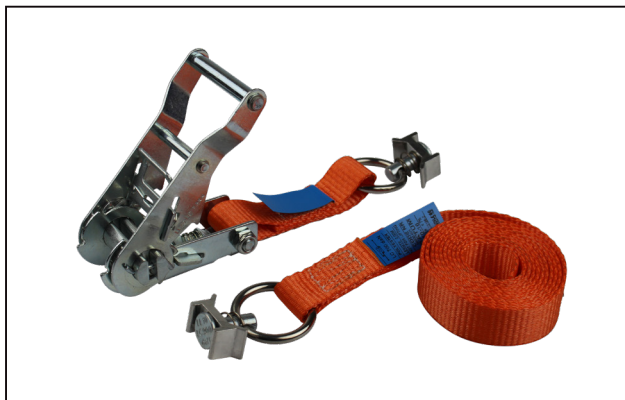


# INTRODUCTION

## IT IS IMPORTANT TO KEEP YOUR LOAD SAFE AND SECURE – AT ALL TIMES!

Traffic announcements frequently report of transport loads that have obstructed roads or motorways and the importance of securing cargo correctly is still widely misunderstood. All drivers and companies now have a responsibility to both other road users and themselves. With increasing legislative controls now placed on companies and their drivers they both face increased exposure to fines or even prison sentences in respect of inadequately or incorrectly secured loads.

During road transport, G-forces are created due to the frequent stopping, starting and when changing direction through bends which impacts on the load within the vehicle. Incidents happen when drivers and operators underestimate the restraint needed to keep a load secure on a vehicle. Dynamic forces are much higher than static forces. For example, more force is required to secure a load when it is moving (dynamic) than when it is stationary (static).



If the load is inadequately secured, then it will move or tip, which may result in it falling from the vehicle. At the same time, the view of the driver must remain unobstructed at all times and must not be impeded by any of the transported items. The law in most countries stipulates the liabilities and responsibilities of the person loading the vehicle, the driver and the vehicle owner.

Within the meaning of safety and security for all, it is recommended that you familiarize yourself with all the statutory and technical requirements prior to loading your vehicle. This includes being familiar with the type of material used for securing the load as well as actual capability and application of lashing straps to be used.

In this brochure we will provide information about our new range of swift, suitable and efficient systems to correctly secure the load in your vehicle. We will be glad to advise you on the best options for your vehicle park or individual transport vehicles.

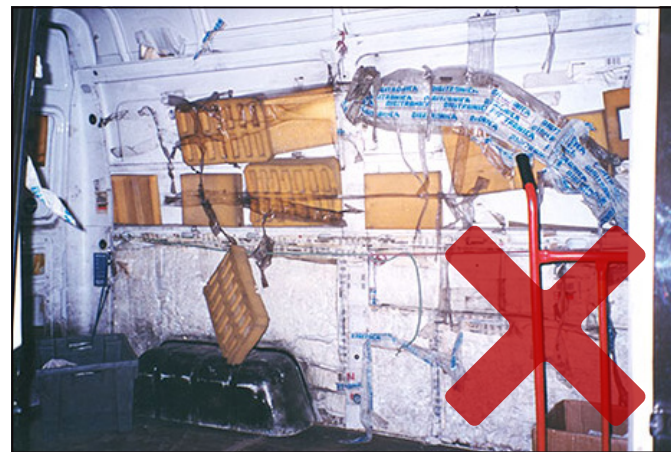




# SECURE YOUR LOAD CORRECTLY

## 10 TIPS TO SECURE YOUR LOAD CORRECTLY

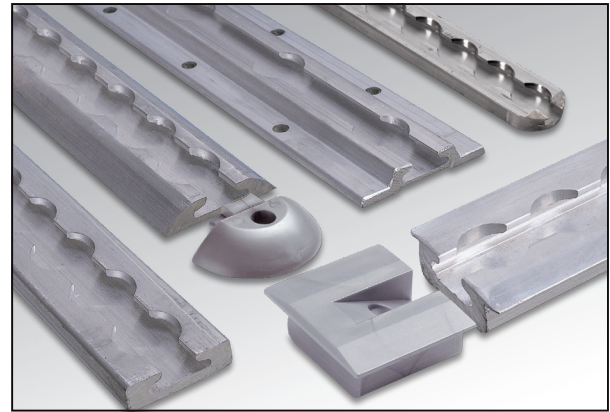
1. The driver is responsible for the load securing unless the vehicle has been sealed by customs for transfer via the dispatcher.
2. Distribute the load centrally and throughout the vehicle so that the individual axles are not overloaded. Otherwise, the vehicle may roll or even tip over, in the worst case.
3. Always check whether the vehicle is suitable for the intended transport.
4. Only transport loads in the cargo area and not in the driver's cab.
5. Observe the maximum loading forces for the lashing points and lashing equipment. Multiple systems can be used in conjunction with each other to achieve the desired load restraint needed. Equip the vehicle with lashing straps, securing nets, anti-slip mats, locking bars and other load securing equipment.
6. Always secure the load – even if you only want to briefly transport something from A to B: because the unexpected can easily happen, especially over short distances across town. Even on journeys like these you may have to brake sharply or swerve to avoid something.
7. The partition in your van is robust, but can easily be damaged. So make sure that there is no charge around loose.
8. Distribute the crates or cartons so that the entire loading surface is covered without leaving any gaps. This prevents anything from slipping and you have created an "interlocking" load. The heavy boxes should always be on the bottom on the lighter ones on top. Bulky furniture or equipment should be positioned in the middle of the loading surface on an anti-slip mat and secured with lashing straps.
9. Remember that stacked loads may suddenly fall out when you open the door if they are not properly secured.
10. When driving a heavily laden vehicle it will be significantly effected in respect of braking, acceleration and handling.



# TRACKS

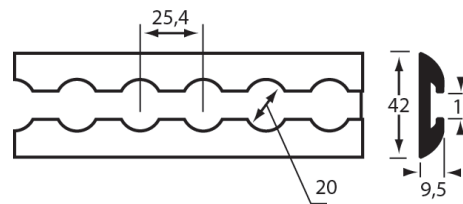
The Smartlok system has been developed for the increasing movements of goods, with smaller vehicles in towns and cities, keeping the safety of all traffic participants in minds. Specific details of the tracks:

- Lightweight, high-strength Aluminium material
- Suitable for surface mounting
- Can be used horizontally and vertically, on the floor, the wall and the ceiling
- Can be used in vans and trailers
- Can be combined with Smartlok fittings and Smartlok straps
- Your own straps can also be used

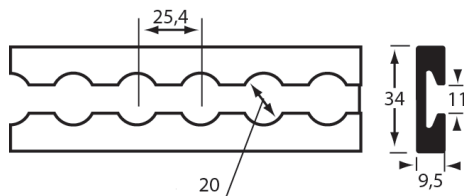


**5001** - Heavy duty aluminium captive track suitable for horizontal wall and floor mounting. Compatible with strap assemblies with 5012, 5013, 5014, 5018 & 5030 end fittings. Plastic end cap 2101.

SAP No.	Material	Length	Weight
10010651	Aluminium	178 mm	0,1 kg
10010652	Aluminium	330 mm	0,2 kg
10010653	Aluminium	483 mm	0,3 kg
10010654	Aluminium	635 mm	0,4 kg
10010655	Aluminium	787 mm	0,6 kg
10010656	Aluminium	940 mm	0,7 kg
10010696	Aluminium	3000 mm	2,1 kg

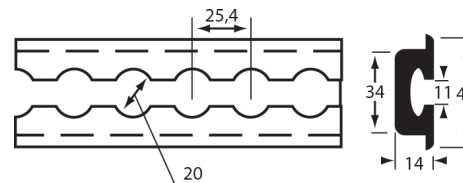


**5002** - Heavy duty aluminium captive track suitable for horizontal wall and floor mounting. Compatible with strap assemblies with 5012, 5013, 5014, 5018 & 5030 end fittings.



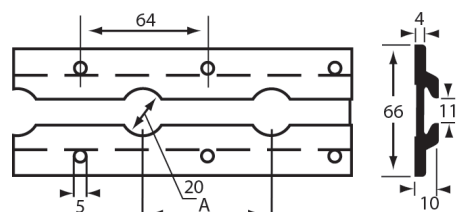
SAP No.	Material	Length	Weight
10010709	Aluminium	3000 mm	1,6 kg

**5004** - Heavy duty aluminium captive track suitable for horizontal wall and floor mounting. Compatible with strap assemblies with 5012, 5013, 5014, 5018 & 5030 end fittings. Plastic end cap 2104.



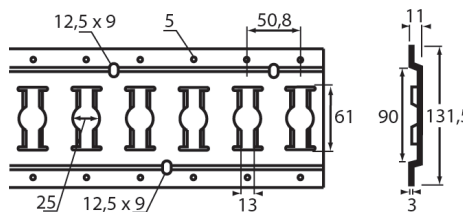
SAP No.	Material	Length	Weight
10010710	Aluminium	3000 mm	2,7 kg

**5008** - Heavy duty aluminium captive track suitable for horizontal wall and floor mounting. Compatible with strap assemblies with 5012, 5013, 5014, 5018 & 5030 end fittings.



SAP No.	Material	Length	Weight	A
10008710	Aluminium	3000 mm	1,8 kg	25,4 mm

**3009** - Medium duty track suitable for horizontal wall mounting. Compatible with Loadlok shoring poles, garment rails, decking beams, 1845 & 1846 decking beam brackets and securing straps with 1825 and 1826 end fittings. Plastic end cap 2109.



SAP No.	Material	Length	Weight
10010703	Aluminium	3000 mm	3,0 kg

# SHORING & DOUBLE-DECKING

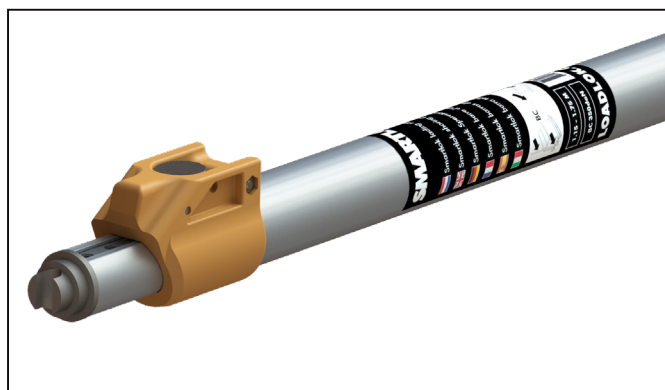
The Smartlok system contains poles, beams and tracks and is designed to secure & optimise your vehicle load in any configuration. With this system, you can be sure your cargo will always reach it's destination safely and secured.

## BENEFITS

- Create your own loading space lay-out
- Safe & Secure
- Convenient & Quick: 'Plug & Play'
- Can be self assembled
- Equipped with mounting holes
- Made of light-weight, high strength aluminium
- Economic
- For vans and small trailers

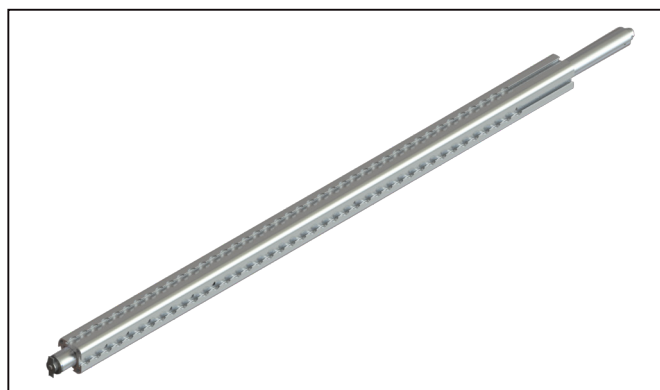


## SMARTLOK SHORING POLES



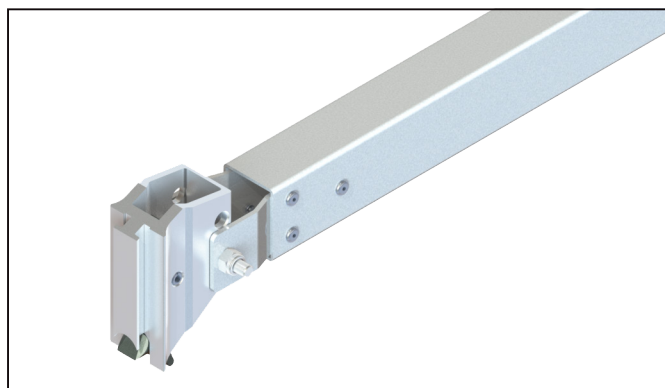
SAP No.	BC	Weight	Working Range
10012442	300 daN	2,5 kg	1160 - 1760 mm
10012443	300 daN	3,2 kg	1700 - 2300 mm

## SMARTLOK COMBI POLES



SAP No.	BC	Weight	Working Range
10013316	350 daN	3,2 kg	1050 - 1350 mm
10013321	350 daN	3,6 kg	1300 - 1600 mm
10013317	350 daN	3,9 kg	1550 - 1850 mm
10013322	350 daN	4,3 kg	1800 - 2100 mm

## SMARTLOK DOUBLE DECK BEAMS



SAP No.	BC	Weight	Working Range
10013314	300 daN	1,7 kg	800 - 1000 mm
10013320	300 daN	2,3 kg	950 - 1300 mm
10013315	300 daN	1,9 kg	1250 - 1750 mm



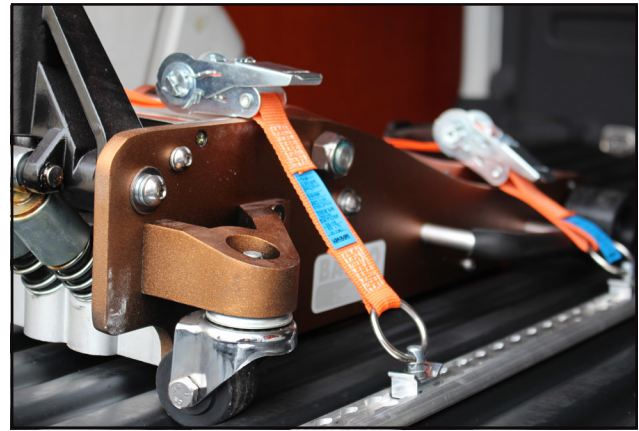
ALL PRODUCTS ARE TESTED & CERTIFIED BY LOADLOK



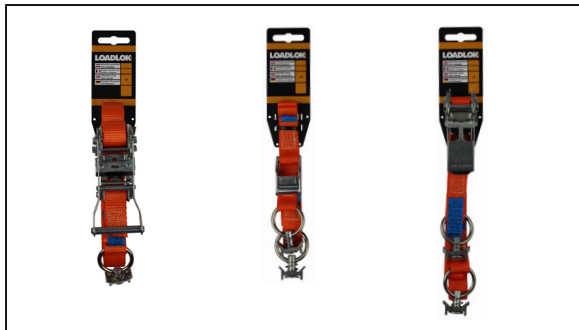
# LASHING

With straps you can easily secure all the goods in your van.

- Create securing points where you want
- Can be combined with Smartlok tracks and fittings
- Easy to use
- For all vans and small trailers
- Flexible solution for any load formation



## Straps to be used with airline tracks 5001, 5002, 5004, and 5008



SAP No.	Description	Bandwidth	Length	LC	BS
10010668	Smartlok strap with cam buckle	25 mm	0,75 m	LC175 daN	LC350 daN
10010669	Smartlok strap with cam buckle	25 mm	1,5 m	LC175 daN	LC350 daN
10010667	Smartlok strap with ratchet	25 mm	1 m	LC400 daN	LC800 daN
10010666	Smartlok strap with ratchet	25 mm	2 m	LC400 daN	LC800 daN
10010664	Smartlok strap with ratchet	25 mm	1 m	LC750 daN	LC1500 daN
10010665	Smartlok strap with ratchet	25 mm	2 m	LC750 daN	LC1500 daN

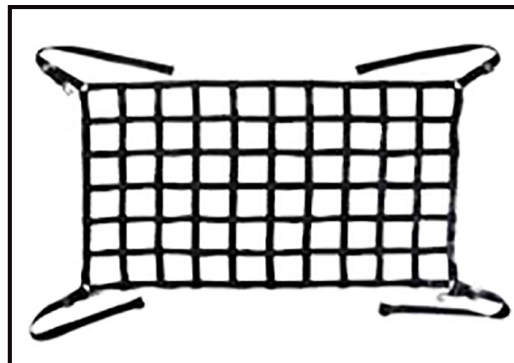
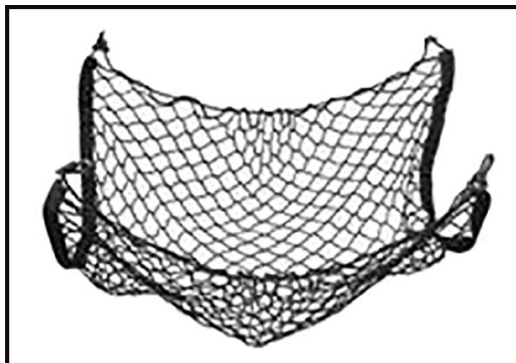
## Straps to be used with the 3009 track



SAP No.	Bandwidth	Length	LC	BS	Ratchet	Hook
14004244	50 mm	4 m	LC675 daN	LC1350 daN	916	1826

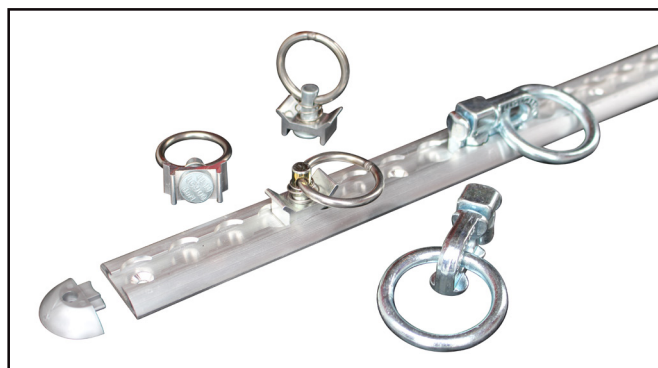
# LOAD-SECURING NETS

Nets for load securing are available at request.  
We can manufacture nets in every size and with all fittings.



# ACCESSORIES

- Large assortment of accessories
- For individual use or to be combined with other elements of the Smartlok system
- For vans and small trailers
- Create your own load securing solution



## FITTINGS



SAP No.	Description	LC
10010773	SmartLok fitting 2pcs	900 daN
10010774	SmartLok fitting Heavy Duty	1125 daN

## END CAPS



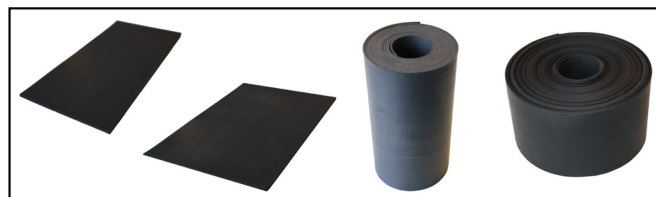
SAP No.	Description	Width	Depth	Height
12010462	2109 Plastic end cap for track 3009	18 mm	12 mm	132 mm
10010778	2101 Pair of plastic end caps for track 5001	26 mm	12 mm	42 mm
14000984	2104 Plastic end cap for track 5004	40 mm	12 mm	44 mm

## ELASTIC CORDS



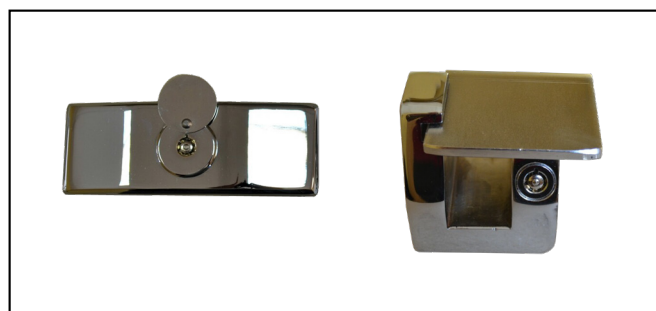
SAP No.	Description	Length	Thickness	Packaging
10010758	Elastic cord with spider hook	200 mm	6 mm	2 pcs
10010759	Elastic cord with spider hook	250 mm	6 mm	2 pcs
10010760	Elastic cord with 2 spider hooks	400 mm	8 mm	2 pcs
10010763	Elastic cord with 2 spider hooks	800 mm	8 mm	2 pcs
10010764	Elastic cord with 2 spider hooks	1000 mm	8 mm	2 pcs

## ANTI SLIP



SAP No.	Dimensions	Thickness	Packaging	Per pallet
14000853	200 x 100mm	2,5 mm	50 pieces	17600
14000855	300 x 200mm	2,5 mm	50 pieces	5600
10010089	13400 x 120mm	2,5 mm	1 roll	217

## DOOR LOCKS



Door locks are available at request.



**WE CAN MANUFACTURE TEMPWALLS IN EVERY SIZE  
AND IN COMBINATION WITH LOAD SECURING**

**ASK FOR ALL POSSIBILITIES**

**SMARTLOK**  
BY **LOADLOK**®

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