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- Maintenance free
- No lubrication
- Low level noise
- Extreme high tensile strength

uni XLB K318

## The perfect choice for skid conveyors

### Improve performance and reduce cost

NEW

uni CHAIN



## The perfect choice for skid conveyors

A skid-system ensures a steady material flow of various automotive parts through the entire manufacturing process.

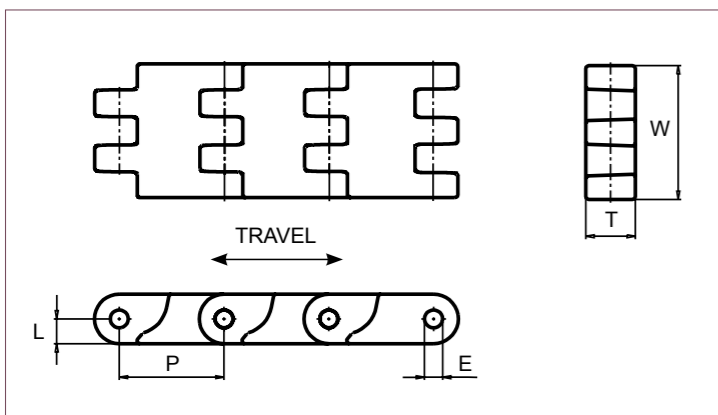
The old skid-system with roller lanes or woven belts encounters several disadvantages which are eliminated with the new system.

The old systems require lubrication which can cause inconvenience. Along the finishing line, the noise level is high.

Slip on friction driven flat belts may cause misalignment/ orientation of the skid.

When using the uni XLB K318 no lubrication is needed and noise level is reduced. A compact construction and a transmission with sprockets enable a low building height with high traction forces. With the positive sprocket drive full synchronised movement of parallel lanes is possible – thereby ensuring correct position and orientation of the skid.

uni XLB K318 fits in existing applications.



## uni XLB K318

	<b>Straight running</b>
	<b>P = 63.5 mm (2.50 in.)</b>
<b>Material</b>	<b>POM-NLAS</b>
	<b>Pin: <math>\varnothing</math>10 mm (0.39 in.)</b> SS304
	<b>Backflex radius</b> 100 mm (3.94 in.)
	<b>Supply unit</b> 3.048 m = 10 ft No. of links/unit: 80
	<b>Working load</b> 7000 N (1574 lbf)

### Industries and applications

Automotive  
Carwash  
Furniture and wood industry  
Palletizing  
Paper and cardboard industry  
Skid conveyors

	mm	in.
E	10.5	0.41
L	15.0	0.59
P	63.5	2.50
T	30.0	1.18



### Standard Material

#### POM-NLAS

POM-NLAS contains no lubricant and contains additives reducing the electrical resistance, thereby helping to dissipate static electricity. Surface resistivity of POM-NLAS according to IEC 60093/ASTM D257:  $1 \times 10^{11}$  Ohm x cm.



### Chain Weight

	uni reference	width W		weight	
	POM-NLAS	mm	in.	kg/m	lb/ft
uni XLB-K318	73NLASS00318K	81.0	3.18	3.1	2.08

### Sprockets for uni XLB

No. of teeth	pitch diameter		overall diameter		hub diameter		bore min.		uni reference no.
	mm	in.	mm	in.	mm	in.	mm	in.	
	10							sq 38.1	
							sq 40.0	sq 1.57	7333XLB10NR240MMSQ
							sq 50.8	sq 2.00	7333XLB10NBBR220INSQ
							sq 60.0	sq 2.36	7333XLB10NBBR260MMSQ
							sq 63.5	sq 2.50	7333XLB10NBBR225INSQ
13	265.3	10.44	264.4	10.41	-	-	$\varnothing$ 40.0/120.0*	$\varnothing$ 1.57/4.72*	7333XLB13NPR2
15	305.4	12.02	305.9	12.04	-	-	$\varnothing$ 40.0/120.0*	$\varnothing$ 1.57/4.72*	7333XLB15NPR2

\* Minimum/maximum round bore.

**Standard material: Polyamide.**

Other sprocket sizes are available upon request.  
Please contact uni-chains for further information.



**Width of sprockets: 33.0 mm (1.30 in.)**  
**Tooth width: 16.0 mm (0.63 in.)**