



CRANE & HOIST TECHNOLOGY

Fast and economical!



Hose sheave
Ø 1.100 mm to a ground
auger device



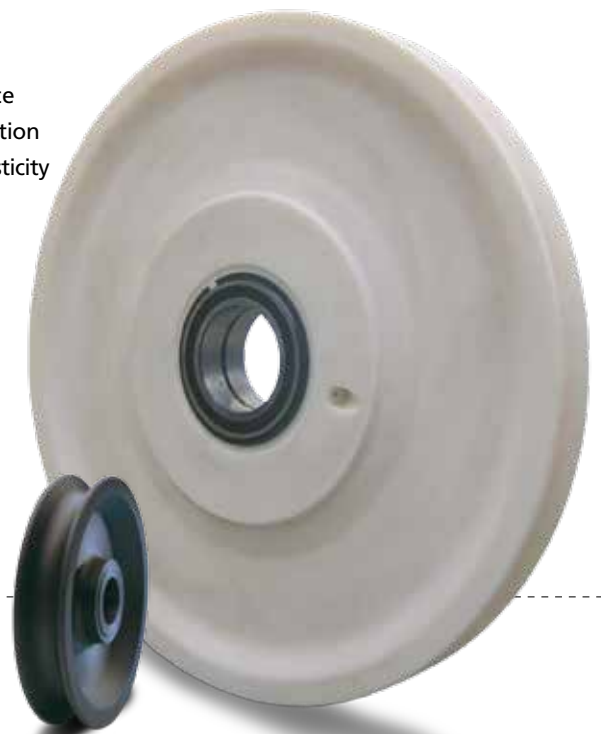
Rope sheave in
construction equipment



Sheave block in a
lattice-boom crane

Rope pulleys of cast **LiNNOTAM** make a strong case:

- low running noise
- low weight
- high resistance to wear
- high corrosion resistance
- maintenance-free operation
- wire rope preserving elasticity



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ROPE SHEAVES OF LiNNOTAM:

Longer lifetime for wire ropes!

Fields of application: Truck cranes, lattice-boom cranes, portal-handling crane, lifts, ropeways, stranding, wire-drawing and reeling machines and similar applications.

Rope sheaves of **LiNNOTAM** are suitable for high loads and have been tried and tested in many years of use. Compared with steel sheaves, they reduce rope surface pressure tenfold – and considerably increase the lifetime of your wire ropes.

And another benefit: LiNNOTAM rope sheaves dampen and/or absorb bearing damaging vibrations from the wire rope and increase the lifetime of the driving line and that of the bearing elements.



Outrigger float pads of LINNOTAM make a strong case:

- low weight
- high impact and shock resistance
- high loading capacity
- high corrosion resistance (chemicals, environment, oils & greases)
- high recovery when deformed
- almost any manufacturable shape
- no maintenance required
- almost unlimited lifetime (if handled properly)
- best test results

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OUTRIGGER FLOAT PADS OF LINNOTAM:

Secure base for mobile application!

Fields of application: Truck cranes, mobile cranes, mobile concrete pumps, auxiliary cranes, manlifts, mobile drill rigs and similar applications

Based on **LINNOTAM HiPERFORMANCE 612**, we produce support components such as float pads which withstand the greatest loads. Compared with steel plates, they provide very high recovery during deformation – making them ready for you to use for a much longer period.

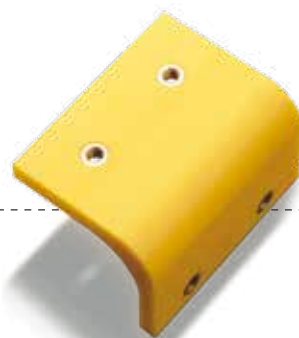
And another benefit: The low weight of **LINNOTAM** float pads makes them easier to handle during use and assembly. The good material elasticity makes them sturdy and secure even if there are smaller bumps and edges. The material can be completely recycled and is resistant against fuels and lubricants.



LINNOTAM float pads Ø 400 mm on a railway crane



LINNOTAM float pads Ø 700 mm on a truck crane



- Slider pads of Linnotam make a strong case:**
- good sliding and emergency-running properties
 - high resistance to wear
 - good creep strength
 - high pressure resistance
 - high elasticity
 - Durability

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SLIDER PADS/WEAR PADS:

More stability for peak loads!

Fields of application: Telescopic stabilisers for mobile cranes, working platforms, telescopic loaders, truck cranes and similar applications

Sliding elements, such as slider pads of **LinnotamGLiDE** and **LinnotamGLiDE PRO T** are tried and tested in use and are more durable than comparable elements of metallic sliding materials. The lubricants embedded in the polymer matrix reduce the sliding coefficient of friction by up to 50 % – making your slider pads extremely wear resistant.

And another benefit: Structural parts of **LinnotamGLiDE** and **LinnotamGLiDE PRO T** provide faster recovery when subjected to shock loads. The materials are particularly tough as compared with other thermoplastic materials and permit considerably higher loads. At the same time, they are flexible enough to function securely at low temperatures or under shock loads.



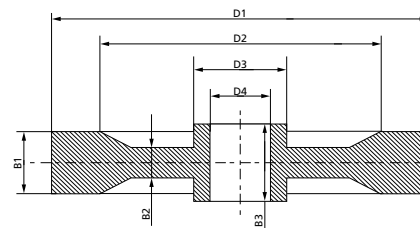
No.	Outer Dia in mm D1	Diameter in mm D2	Hub Dia in mm D3	Bearing bore max. D4	Bearing bore max. D4	Width B1	Width B2	Width B3
1	359	296	183	140	86	50	30	53
2	381	292	152	130	86	44.5	25	51
3	382	340	180	140	86	50	25	43
4	396	350	200	150	110	62	25	51
5	400	340	180	140	86	50	25	55
6	420	365	170	120	86	50	25	49
7	438	362	228	180	100	57	25	73
8	448	400	170	120	100	50	25	52
9	450	390	180	140	100	55	32	56
10	476	390	260	225	110	62	37	37
11	480	410	170	120	110	50	20	53
12	482	412	200	150	110	76	41	76
13	505	435	188	140	86	48	30	51
14	508	406	280	205	115	76	51	89
15	508	419	170	120	110	63.5	38	63.5
16	524	473	240	180	110	72	32	65
17	533	—	152	114	100	63.5	—	89
18	555	497	250	190	120	75	35	65
19	558	482	152	100	100	60	25	60
20	550	490	305	225	110	62	30	65
21	560	470	250	190	120	54	25	56
22	575	500	200	150	110	65	33	54
23	596	550	300	220	165	72	32	65
24	610	—	203	150	110	63.5	—	127
25	646	585	315	240	140	75	35	65
26	685	584	280	215	140	76	50.8	89
27	696	647	281	225	125	62	32	64
28	762	650	250	190	120	76	50.8	76
29	770	680	285	215	145	95	38	110

Sheave groove and bearing seat machined to customer specification.

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YOUR APPLICATION MATTERS:

Compelling benefits!



Sheave blank produced by centrifugal casting. Other diameters or widths are available upon inquiry.

We have exactly your solution for your application:

- special material modifications direct from our factory for your application
- engineering advice
- computer supported calculations and design of your component, from basic calculations to FEA
- from individual components to assembled parts
- comprehensive fire certificates and food contact certificates

- Germany:** Licharz GmbH
Industriepark Nord | D-53567 Buchholz | Germany
Telefon: +49 (0) 2683 - 977 0 | Fax: +49 (0) 2683 - 977 111
Internet: www.licharz.com | E-Mail: info@licharz.com
- France:** Licharz eurl.
Z.I. de Leveau – Entrée G | F-38200 Vienne | France
Téléphone: +33 (0) 4 74 31 87 08 | Fax: +33 (0) 4 74 31 87 07
Internet: www.licharz.fr | E-Mail: info@licharz.fr
- Great Britain:** Licharz Ltd
34 Lanchester Way | Royal Oak Industrial Estate | Daventry, NN11 8PH | Great Britain
Phone: +44 (0) 1327 877 500 | Fax: +44 (0) 1327 877 333
Internet: www.licharz.co.uk | E-Mail: sales@licharz.co.uk
- USA:** Timco Inc
2 Greentown Rd | Buchanan NY 10511 | USA
Phone: +1 914 - 736 0206 | Fax: +1 914 - 736 0395
Internet: www.timco-eng.com | E-Mail: sales@timco-eng.com

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EXACTLY YOUR SOLUTION:

We think with you from the beginning!

We offer advice on how to utilise plastics and develop your component together with you:

- we check application conditions on your machine
- we check your design drawing
- we recommend the material and the process
- we manufacture a prototype for you if required

You will receive your product quickly and economically, exactly as you need it!