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WARNING for the user of Transport Anchor Systems

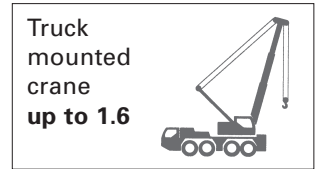
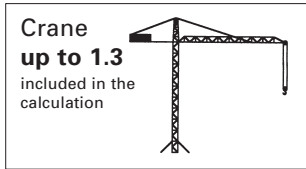
The transport anchor load capacity specifications in the tables of the lists **30, 31, 32, 33** and **35** include a correction value of **-3** –

A lifting load factor of **1.3** has been included in the calculation.

WARNING

Lifting load factors depend on the lifting apparatus

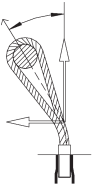
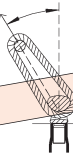
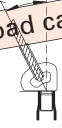

Substantial reduction of the anchor load capacities.



15 N/m² = concrete crushing strength after one day

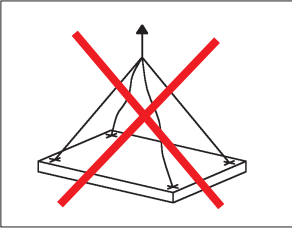
25 N/m² = concrete crushing strength after two days

Lifting apparatus influence on the transport anchor load capacity

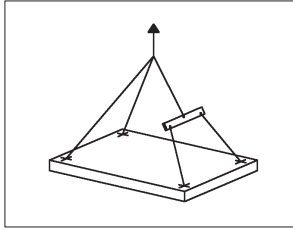
List 42	List 40	List 41	List 44
			
0 – 45°	0 – 90°	0 – 90°	0 – 90°

higher load capacity

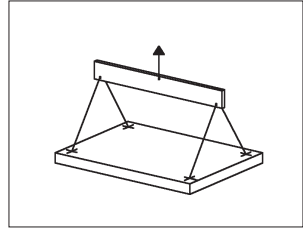
Number of carrying anchors



Multiple suspension tackle
2 anchors only

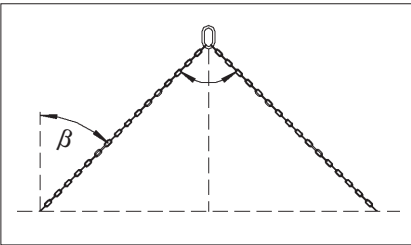


Self-balancing suspension tackle
4 anchors



Crossbeam
4 anchors

Load increases from inclined pull

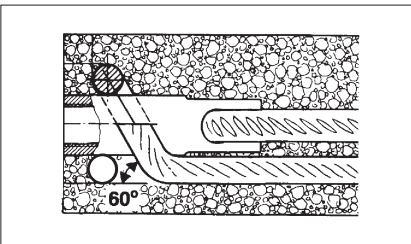


long chain suspension
 $\beta = 30^\circ \quad \cos \beta = 0.87$

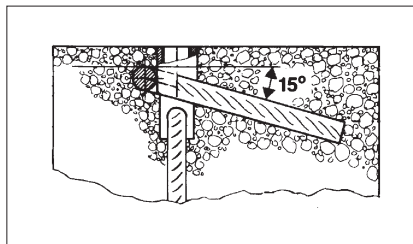
short chain suspension
 $\beta = 60^\circ \quad \cos \beta = 0.5$

doubles the load on the hook

Load capacity increases by integrating an additional reinforcement



Bar for traverse pull



Bar for inclined pull

Any load's center of gravity is always below the hook of the crane.
A center of gravity outside of the anchor system causes a **RISK of TIPPING**

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