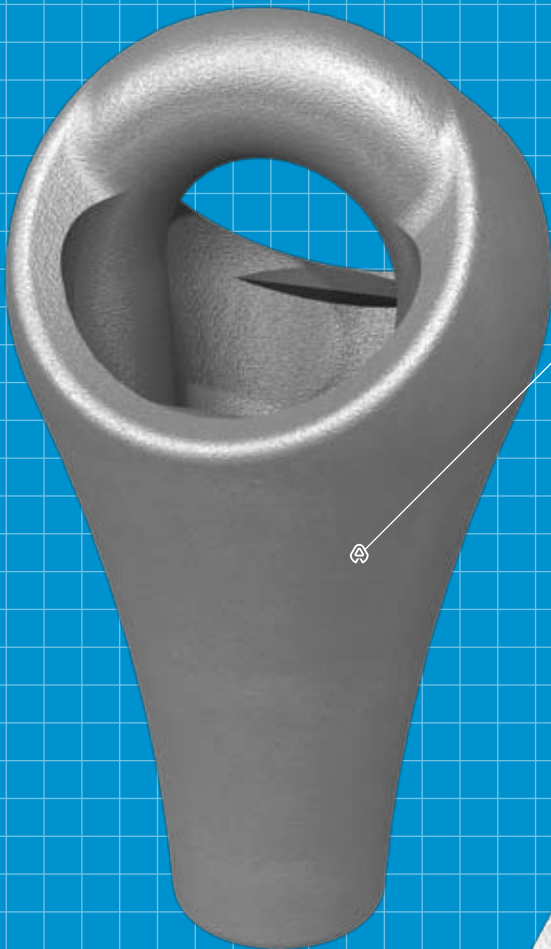


# the rope pear socket



## characteristics

Minimal breaking load of  
10.000 -240.000 kg

Safe workloads of 1.500-42.500 kg  
(grab duty)

Robust design

High-grade wear-resistant casted steel

Optimal fit and suited for trolley or  
crane sheave passage

Reusable

Simple, safe and reliable with a long  
life-expectancy

## type s characteristics

Optimal fit for compacted steel wire rope

Minimal breaking load of  
70.000 -215.000 kg

Safe workloads of 11.000-36.000 kg  
(grab duty)

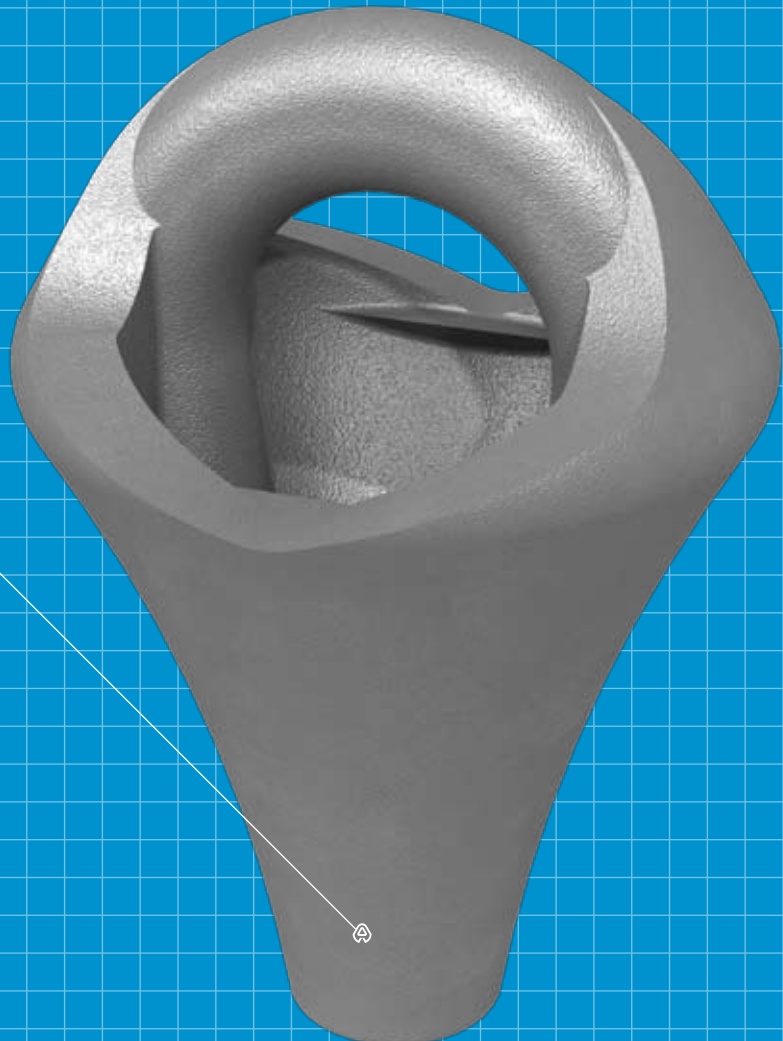
Robust design

High-grade wear-resistant casted steel

Optimal fit and suited for trolley or  
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Reusable

Simple, safe and reliable with a long  
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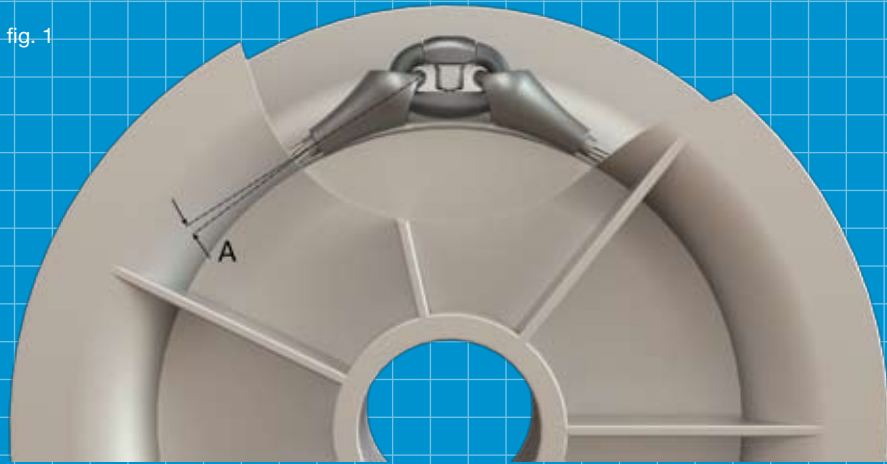




## **the rope pear socket**

The Rope Pear Socket is an end connection especially designed by Nemag for steel wire rope. Using the Nemag Rope Pear Socket a strong connection can be made, and the rope can be coupled to other ropes and chains in the best possible way; and even more so in combination with the Nemag Quick Release Link. The Nemag Rope Pear Socket is cast from high-grade austenitic manganese steel and generally lasts longer than the steel wire rope itself. Austenitic manganese steel combines a great toughness and a high resistance to wear.

fig. 1



### Advantages of the Nemag Rope Pear Socket

- The Nemag Rope Pear Socket is designed to, in combination with the Nemag Quick Release Link, smoothly pass over cable sheaves.
- The life span of the Nemag Rope Pear Socket generally surpasses that of the steel wire rope.
- The Rope Pear Socket can be fitted by casting with a 2-component casting mass without the need for outside assistance, and ensures a strong connection.
- Our range of Rope Pear Sockets is suited to any type of steel wire rope.

### The Rope Pear Socket for compacted steel wire rope (the S-series)

The new, additional series of Rope Pear Sockets of the "S-type" was designed for special steel wire ropes. Examples of

this are the 8-strand steel wire ropes (for example CASAR Turboplast or similar makes). In comparison with standard steel wire ropes in 6x36WS version, these special wire ropes combine a smaller diameter with a higher breaking load. The Nemag S-series of Rope Pear Sockets designed especially for this type of steel wire rope. The safety factor of the Rope Pear Socket is therefore in line with that of this type of steel wire rope. This means that the new Rope Pear Socket offers additional safety in comparison to the existing range of Rope Pear Sockets. The geometry of this new range of Rope Pear Sockets has also been adjusted to create an even more favourable situation with regard to wire deflection behind the Rope Pear Socket. This decreases steel wire rope fatigue and benefits the life span of the steel wire rope (see fig. 1).

### The most important advantages

- Especially designed for compacted steel wire rope.
- Increased safety.
- Less steel wire rope fatigue as a result of a better deflection angle of the steel wire rope upon passing over the cable sheave.
- Longer life span of the steel wire rope at the casting place.
- Optimal, new design of the Rope Pear Socket for improved sheave passage.



## the added value of the rope pear socket

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Simple

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Safe

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Fits perfectly onto the cable

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Suitable for passage of sheaves, little deflection of the cable behind the pear socket

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A long operating lifetime

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Short delivery time

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Worldwide distribution

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## the added value of the rope pear socket type s

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A unique design, designed specifically for compacted steel wire rope

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Simple

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Safe

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Fits perfectly onto the cable

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Suitable for passage of sheaves, little deflection of the cable behind the pear socket

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A long operating lifetime

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Short delivery time

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Worldwide distribution

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