

GB Assembly instructions



## POWERTEX Wire Rope Grip PG



# POWERTEX Wire Rope Grip Assembly instructions (GB) (Original instructions)



- Failure to follow the regulations of this mounting instruction may cause serious consequences such as risk of injury.
- Read and understand these instructions before using wire grips.
- Match the same size wire grip to the same size wire rope.
- Do not mismatch POWERTEX wire grips with other brands.

## 1. Generally description:

Wire rope grip type POWERTEX is approved for lifting only if assembly is carried out according to the instruction manual. The wire rope grip are to be used with 6 and 8 strand steel wire ropes with steel or fibre core with tensile strength up to 1960 N/mm<sup>2</sup>. Correctly mounted the assembly will withstand 80% of the rope's minimum breaking load (MBL).

Not to be used with compacted, hammered or plastic coated steel wire ropes. It is not recommended to use plastic covered ropes for lifting purposes with wire rope grips.

## 2. Handling

The number of grips needed for a satisfactory assembling, see table below.

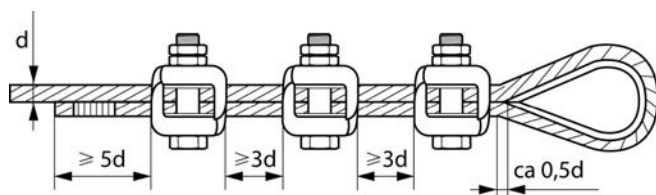
Type	Wire rope dia Ø mm	Thread M	No. of clamps when lifting *	Torque Nm
PG-4	3-4	M5	3	5
PG-6	5-6	M6	3	9
PG-8	7-8	M6	3	9
PG-10	9-10	M8	3	23
PG-12	10-12,5	M8	3	23
PG-16	13-16,5	M10	3	45
PG-20	17-20	M12	3	75
PG-25	21-25	M16	3	190
PG-35	26-35	M16	3	190

\* Minimum number of grips required to fulfill 80% of the rope MBL can vary, and must be according to local regulations.

## Preparatory steps:

Before assembling ensure that the grip is well cleaned thoroughly and that screws and nuts are greased.

## Assembling:



The screws to be tightened after first use.

The eye to have a thimble suitable for the rope dimension and considering the load of the rope. The grip closest to the thimble to be placed so that the thimble cannot fall out.

Proof load the application with maximum allowed force.



## Joining:

Joining of steel wire ropes using grips normally to be done by two end attachments connected with an extension link.

Steel wire ropes may not be joined by overlapping and locked with a grip.

## 3. Maintenance

The grips are to be further tightened after some time, from a few days up to 3 weeks, depending on operation intensity.

- Before and after use the mounted grips to be checked in regard to shifting, deformation and deterioration.
- Check the mounting regularly, at least every 12 months.

## End of use/Disposal

Powertex wire rope grip shall always be sorted / scrapped as general steel scrap.

Main material is C45/ 40Cr.

Certex will assist you with the disposal, if required.

## Disclaimer

AxLoad reserves the right to modify product design, materials, specifications or instructions without prior notice and without obligation to others.

**Must be inspected at least once a month and must undergo a complete overhaul at least every 12 months. Please note local rules and regulations must be complied with regards to inspection.**

## Declaration of conformity

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hereby declares that Powertex wire rope grip as described is in compliance with EC Machinery Directive 2006/42/EC and amendments.

If the product is modified in any way, or if it is combined with a non-compatible product/component, AxLoad take no responsibility for the consequences in regard to the safety of the product.



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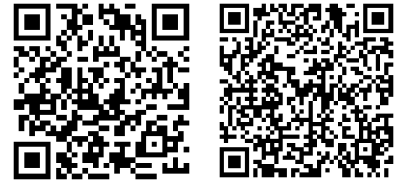
## CERTEX Lifting KnowHow app

Download The Lifting KnowHow app'en from the App Store / Google play!

The App has the following features:

- Load charts for different types of lifting slings
- Protractor for measuring sling angles
- Instructions for safe use of a selection of lifting gear
- Built-in gps function that finds the CERTEX office closest to your position.
- And a lot more.

The Lifting KnowHow is a unique knowledge transfer programme, exclusively designed by CERTEX.



## CertMax +

The CertMax+ system is a unique leading edge certification management system which is ideal for managing a single asset or large equipment portfolio across multiple sites. Designed by CERTEX, to deliver optimum asset integrity, quality assurance and traceability, the system also improves safety and risk management levels.



## User Manuals

You can always find the valid and updated User Manuals on the web. The manual is updated continuously and valid only in the latest version.

**NB!** The English version is the Original instruction.

The manual is available as a download under the following link:  
[www.certex.net/manuals](http://www.certex.net/manuals)

Version no. 2017-01



**POWERTEX**



The Lifting KnowHow



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