



ropecheck App
android version

ropecheck App
iOS version
coming soon

WELCOME

LET'S TEST THE BETA ROPECHECK

HERE IS HOW TO USE IT



CHECK OUT THE ROPECHECK

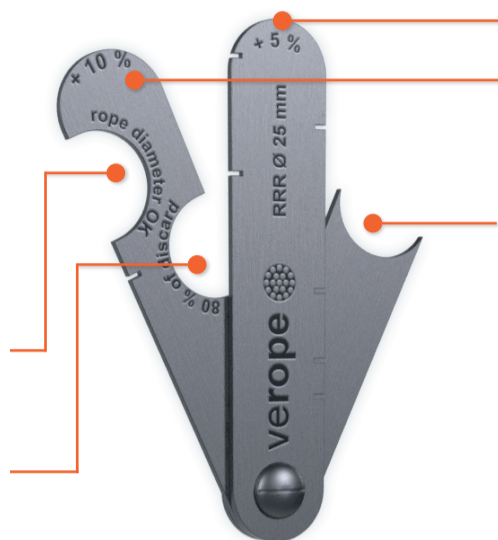
Let's get started with the ropecheck Tool

With this tool you can check:

- Rope diameter
- Sheave opening angle
- Sheave groove diameter
- Depth of sheave
- Depth of drums
- Wire breaks

Diameter gauge 01 – to verify the diameter, the rope should fit into the gauge

Diameter gauge 02 – to check diameter reduction, if the rope fits into this gauge, it's 80% ready to discard



Groove gauges – to indicate the groove diameter of the sheave
minimum 5%
maximum 10%

Wire break detector



ropecheck Tool
Educational video about the ropecheck

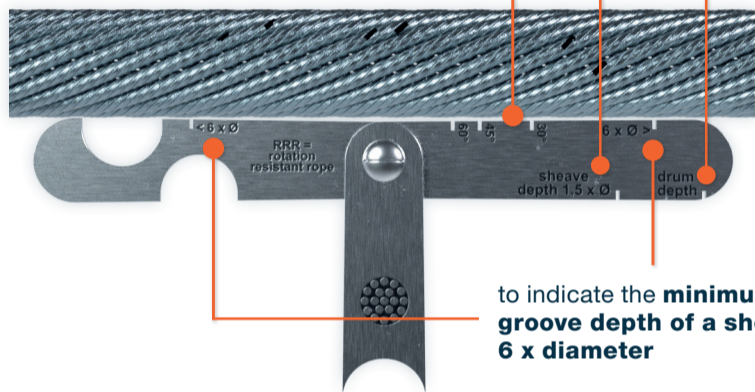


Hinges and markings

to indicate the **opening angle** – possible adjustable angles are **30° / 45° / 60°**

to indicate the **minimum groove depth of a sheave 1,5 x diameter**

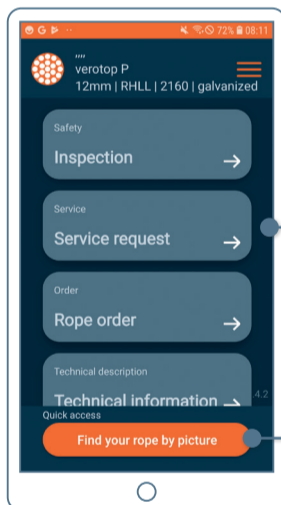
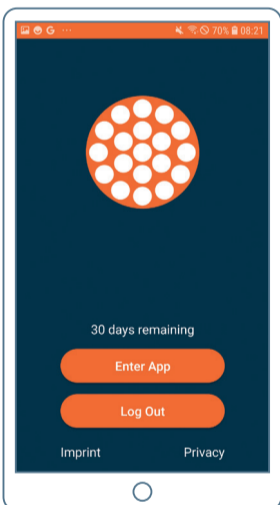
to indicate the **minimum groove depth of a drum**



to indicate the **minimum groove depth of a sheave 6 x diameter**

STEP 1 / 8 – LOG IN TO THE ROPECHECK APP

Here we go!



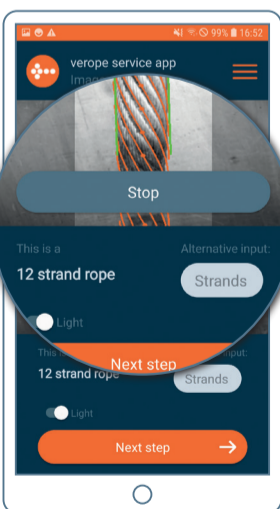
Once you have opened the app and **logged in**, you can choose from the following options on the home screen:

- **Inspection**
- **Service request**
- **Rope order**
- **Technical information**
- **Image recognition for verope ropes**

We recommend to determine the rope first. If the required rope has already been configured, you can proceed with the selection of the topics directly. It is also possible to configure the rope later.

STEP 2 / 8 – IMAGE RECOGNITION

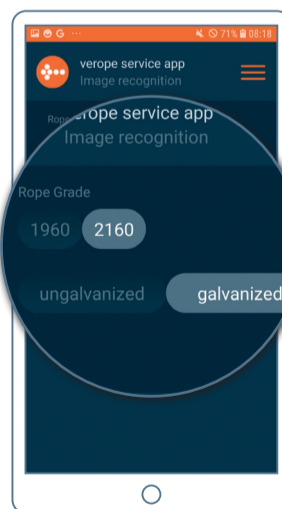
Scan your rope to determine the rope construction



Place the rope on a lighter background within the provided frame until the **green lines have detected the outer lines of the rope.**

If necessary, you can use your phone's flash as an additional light source.

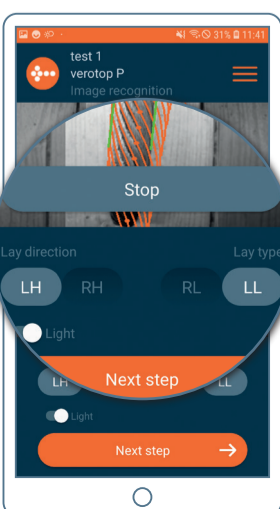
Alternatively, the number of outer strands can be specified manually.



Please provide the **rope strength and wire surface** in addition and select the appropriate rope configuration from the list.

STEP 3 / 8 – IMAGE RECOGNITION

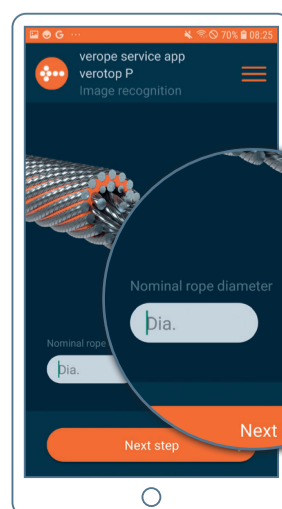
Determine lay direction, lay type & nominal rope diameter



Place the rope on a lighter background within the provided frame until the **green lines have detected the outer lines of the rope.**

If necessary, you can use your phone's flash as an additional light source.

Alternatively, the selection can also be set using the two sliders.

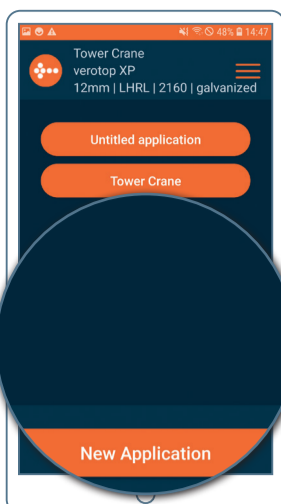
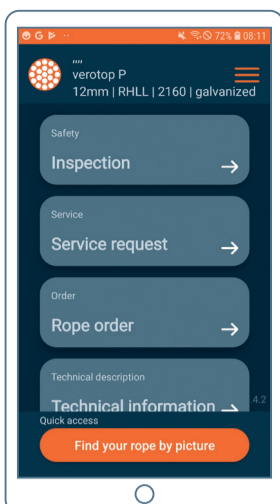
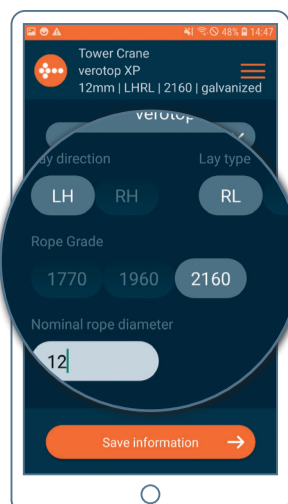


Enter the nominal rope diameter (mm).

Please turn the page for the next step

STEP 4 / 8 – FINAL CHECK & INSPECTION

Final check & start of the inspection



Check the rope specifications and make changes if necessary.

Now you have saved all data and you can start with the inspection.

Go back to the home screen and click on the button **“Inspection”**.

Select **“New application”**. You can later select from inspections that have already been set up and continue them.

STEP 5 / 8 – INSPECTION

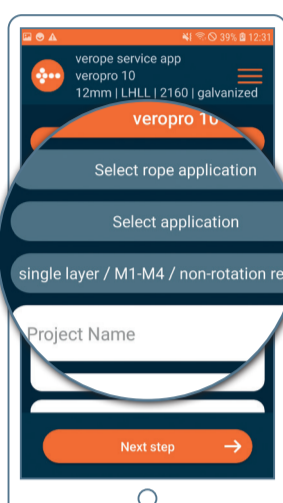
Enter information



Select which rope will be inspected
Reverse active rope (with previously selected rope via quick entry)

Enter data manually (step 3)

Image recognition (step 2-3)

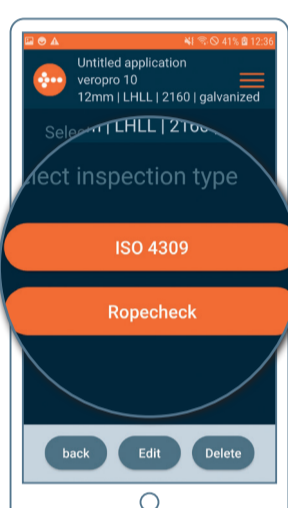


Enter information about the application.

The inspection is saved under “Project name” and can be found here later!

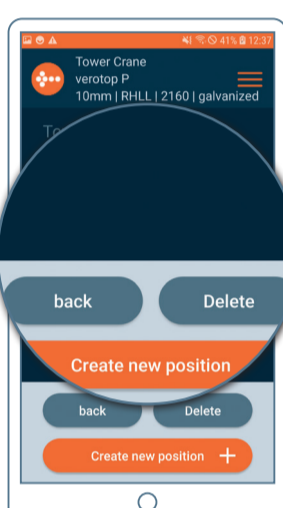
STEP 6 / 8 – INSPECTION VIA ROPECHECK TOOL

Select inspection with the ropecheck Tool



Now you can decide whether you want to do the **inspection according to the criteria of ISO 4309 or ropecheck.**

To test the ropecheck Tool, click the button “ropecheck”.

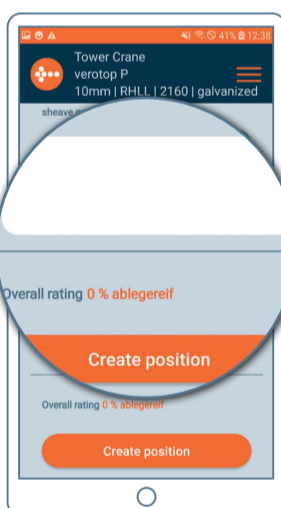
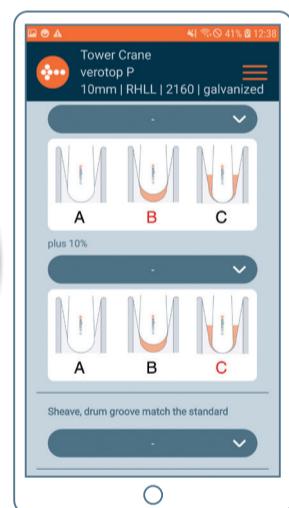


Create a **new position.**



STEP 7 / 8 – INSPECTION VIA ROPECHECK TOOL

Enter inspection results



Enter the results of the inspection and create a position.

STEP 8 / 8 – INSPECTION REPORT

Create new position & export inspection report as pdf file



Inspection details	Inspection date	Inspection time	Inspection location	Inspection type	Inspection status	Inspection result	Inspection notes
1770 N/mm ²	1960 N/mm ²	<input checked="" type="checkbox"/> 2160 N/mm ²	other				
class of mechanism:	single layer	All class	rotation resistant				
rope diameter in mm	10						

The results of your inspection is saved along with it's position. You can now add additional positions or **export the inspection report as a PDF.**

Additional findings may be included in the current report.

THANK YOU
FOR TESTING THE
BETA ROPECHECK
TELL US WHAT YOU THINK



verope®
feedback form

ropecheck^{Tool}

Please note:
There is a specific
ropecheck Tool for
each rope type

RRR
rotation-resistant rope

NRRR
non-rotation-resistant rope

ISO 4309
International standard

ASME
US standard

Elevator
for elevators