 <b>VULKOPRIN</b> <small>QUALITY IN MOTION</small>	Storage - Fitting Removal – Solid tyres	06/04/2018 FCD-0280
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## Purpose :

Instruction for storage, fitting and removal of Vulkoprin solid tyres (metric and Inch dimensions).

## Storage:

Vulkoprin solid tyres should be kept in the following conditions:

- temperature 15-30°C
- relative humidity maximum 40%
- stored out of the package, contact with air is essential
- well ventilated building
- keep out of direct sunlight or other strong light sources
- store the tyres in a relaxed way to prevent permanent deformation
- consume according to FIFO principle
- minimise storage time (Vulkoprin advises to minimise storage to a maximum of 2 years after production)

Note : Vulkollan has the typical tendency to darken under influence of light. This does not affect the properties, but proves it's real Vulkollan.

## Fitting:

To fit or remove the solid tyre you will need a hydraulic or mechanical screw press with sufficient tonnage. You will also need correct rings and plates to fit or remove the solid tyre.

- a) Clean rust and dirt of the wheel if necessary
- b) Check the nominal diameter of the wheel and the steelrim. The edges of the wheel must be chamfered to about 3x30° or 3x45°. The tolerance on the wheel diameter is h11
- c) Coat the wheel and the rim with a good grease or thick oil
- d) position the wheel horizontally on the table of the press
- e) Place the tyre horizontally on the wheel, with the big chamfer downwards (this side has the Vulkoprin mark)
- f) Place a plate on the tyre, this plate must make contact with the steel rim of the tyre ! Never press on the Vulkollan thread !
- g) Press carefully the tyre up on the wheel. Avoid that the tyre inclines. Keep the speed low to avoid burs due to friction
- h) remove the grease or oil

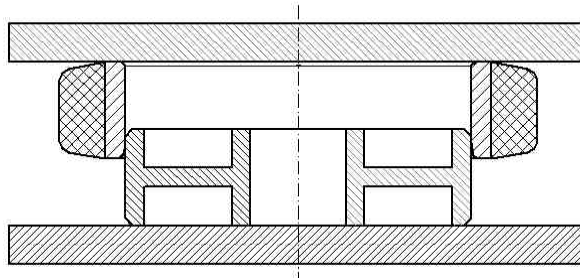


Fig. fitting of solid tyre

## Removal:

- a) Place the wheel with the old tyre to be removed on a support ring which is at least as wide as the tyre. To care for a good support of the wheel to prevent damage due to the press forces
- a) b) Place a ring centrally on the old tyre which is at least as wide as the tyre
- b) Place a plate on the ring and press gently until the old tyre comes away of the wheel

Tip for operation b) : A new tyre can be used instead of a ring.

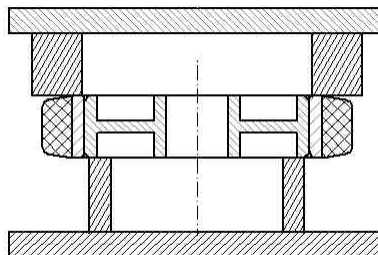


Fig. removal of solid tyre

## Safety and environment:

Fitting and removal of the solid tyre must be performed by instructed personnel. Press-on operations must be executed according to the prescribed safety regulations. Operations must be done with care and craftsmanship to prevent damage or accidents. Dispose the old solid tyre according to the local waste regulations.