



Nitriding | Tenifer® Q-P-Q

Dimensions:  
ø max. 3000 mm x 4500 mm

Fully automated Process

### TENIFER® Q-P-Q

As well as improving characteristics such as wear protection, fatigue resistance and sliding properties, TENIFER® treatment with oxidative cooling or post-treatment considerably increases the resistance to corrosion.

Results of investigations and practical applications show that the quality of the treated components is often superior to galvanic coating and other nitrocarburisation processes.

For the TENIFER® process, this opens up a wide field of applications which often require the use of expensive tools.

The process is finding ever greater prevalence in the metalworking industry worldwide. This is due to the process characteristics which include very good reproducibility with high quality, simple handling and high flexibility. The process is distinguished by high environmental compatibility.

### TENIFER® - Q - THE PREREQUISITE FOR

- Resistance to wear
- Resistance to corrosion
- Resistance to shrinking
- Resistance to heat
- Resistance to fatigue

### TENIFER® - Q + P - FOR ADDITIONAL

- Reduction of surface roughness
- Reduction of the coefficient of friction
- Improvement of the visual appearance of the component

### TENIFER® - Q + P + Q - THE FINISH FOR

- Maximum resistance to corrosion
- Decorative black surface
- Minimum light reflection
- Best visual appearance

Following the hardness comparison table, we have attached comprehensive information on Tenifer which has been prepared by Durferrit GmbH.