

# CASE HISTORY Bicycle Nipples

On Mikron Multistar LX-24

Up to 300 pieces per minute!



## QUADRUPLICATE YOUR PRODUCTIVITY

The Multistar LX-24 with 24 work stations and up to 44 working spindles ensures a smooth mass production. With the Multistar LX-24, parts can be machined from below and above or from the side. Other additional features are the 24 intermediate stations, which allow measurement, monitoring and cleaning procedures during the same run.

### Mikron SA Agno

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[www.youtube.com/mikrongroup](http://www.youtube.com/mikrongroup)  
[www.mikron.com](http://www.mikron.com)

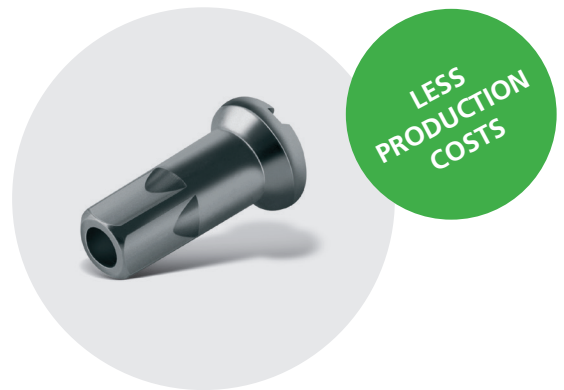


# CASE HISTORY Bicycle Nipples

## On Mikron Multistar LX-24

### The challenge

- Produce bicycle nipples ø 4mm, length 12mm, thread length 8mm
- Annual production volume approx. 100 mio nipples
- Material: Brass



### The traditional solution

Production area: **25 m<sup>2</sup>**



Required machines: **4\***



Necessary statistic control: **4**



Necessary tools: **24**



Employees: **1 every 4 machines**



- Raw material: starting from pressed blanks

\* Traditional transfer machines

### Mikron: The innovative solution

Production area: **16 m<sup>2</sup>**



Required machines: **1 Mikron Multistar LX-24**



Necessary statistic control: **1 for constant quality**



Necessary tools: **20**

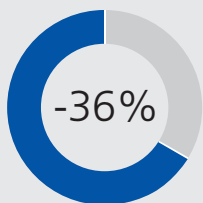


Employees: **0.25/machine**

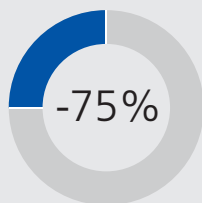


- Raw material: starting from pressed blanks

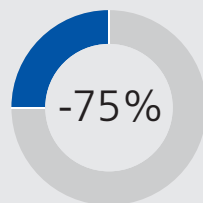
### Your advantage



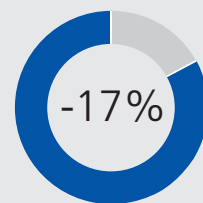
Production area



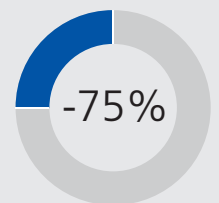
Machines



Quality measurements



Tools



Employees