

# Roller Shaft Re-built with Belzona

ID: 7826

Industry: *Steel & Metal Processing*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Czech Republic*  
Application Date: *March 2015*

Substrate: *Steel*  
Products: *\* Belzona 1111 (Super Metal) ,*  
*\* Belzona 9111 (Cleaner/Degreaser) ,*

## Problem

*The 400mm shaft for the roller in this steel mill had become damaged and developed 6mm of headspace inside the bearing, and therefore needed reprofiling.*



## Photograph Descriptions

- \* Belzona 1111 used to build the profile up. ,
- \* The Belzona being machined back on the lathe. ,
- \* The completed repair. ,

## Application Situation

Steel mill roller shaft problem.

## Application Method

The prepared surface was cleaned using Belzona 9111. The profile was rebuilt with Belzona 1111, then machined back to the correct diameter using a lathe.

## Belzona Facts

Repairing shafts using Belzona solutions avoids the heat distortion associated with welding techniques, thereby avoiding future problems.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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