

# Belzona Repair to Pivot Pins of Mill

ID: 1057

Industry: General Industry  
Application: MPT-Mechanical Power Transmission  
Substrate: Steel  
Products: Belzona® 1111 (Super Metal)

Customer Location: Ceramic tile manufacturer, Slovakia  
Application Date: 2004, 2005 & 2006

## Problem

The two pivot pins supporting the crusher are damaged due to loading and working environment.



## Photograph Descriptions

1. An overall view on the mill
2. An example of the excessive damage of the pins
3. Belzona® 1111 ready to be machined
4. The pivot pin prepared for operation

## Application Situation

The 70 ton mill is crushing raw materials for the production of tiling and facings.

## Application Method

Application was carried out in accordance with Instructions for use. Hand portable lathe was used to machine the pivot pins.

## Belzona Facts

The traditional repair using welding and subsequent grinding of the pivot pins took 5 weeks. The repair using Belzona took 3 days, resulting into significant savings.

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

ISO 9001:2015  
Q.09335  
ISO 14001:2015  
EMS 509612

Belzona products are  
manufactured under an ISO  
9001 Registered Quality  
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