

## BELZONA REBUILDS OVERSIZE KEYWAY

ID: 580

Industry: *Water / Wastewater*

Customer Location: *Water supply company, Bulgaria*

Application: *MPT-Mechanical Power Transmission*

Application Date: *March 2003*

Substrate: *Steel*

Products: *\* Belzona® 1111 (Super Metal) ,*

### Problem

*Broken edge of the keyway seat. Insufficient contact area for the load transmission.*



### Photograph Descriptions

\* The worn keyway Surface prepared Keyway being bedded into Belzona ,

### Application Situation

Shaft from double suction split case centrifugal pump.

### Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-4.

### Belzona Facts

Belzona repair provided a low cost alternative to welding and re-machining with a fast return to service. The repair was still in service when checked (June 2007).

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve