

## BELZONA REBUILDS OVERSIZE KEYWAY

### CUSTOMER

Water supply company, Bulgaria

### APPLICATION DATE

March 2003

### APPLICATION SITUATION

Shaft from double suction split case centrifugal pump.

### PROBLEM

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

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Steel

### 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).

### PICTURES

1. The worn keyway
2. Surface prepared
3. Keyway being bedded into Belzona



1.



2.



3.

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



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