

# What are incise™ restorations?

The Renishaw incise™ process is a state-of-the-art system for producing metal-free crowns and bridges. incise™ restorations can be used to protect weakened teeth, replace missing teeth or for purely cosmetic purposes.

The incise™ process uses scientifically based research to produce an extremely accurately fitting crown that sits comfortably over an existing tooth. Unlike traditional metal based crowns that can cause unsightly dark discolouration around the gum line, incise™ restorations look and function just like your natural teeth, allowing you to smile and chew with confidence.

*incise™ restorations are certificated to ISO 13485:2003 and are supplied with a Certificate of conformance.*



## natural perfection



Ask your dentist for  
more information or visit  
[www.renishaw.info/incise](http://www.renishaw.info/incise)



INVESTOR IN PEOPLE

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Printed in England 0606 Part No. H-2000-3155

**incise™**  
precision fit ceramics

## The benefits to you

## Questions & answers

### A beautiful smile

incise™ crowns and bridges are made using an exceptionally hard material called 'zirconia'. This is a white material which is extremely friendly to the gum tissue, encouraging better oral health and a very natural appearance.

### Less time in the dentist's chair

The proven techniques used during the preparation for your incise™ crown help to achieve the best possible fitting restoration. The result is a 'right first time' fit and minimal time in the dentist's chair for you.

### Metal free

The zirconia core inside the restoration is non-metallic and biocompatible – reducing the chance of allergic reactions. The accuracy of the fit to the tooth means increased resistance to decay and staining, resulting in a longer lasting restoration.

#### BEFORE



*Patient's teeth with 4 metal based crowns showing receding gum lines.*

#### AFTER



*Patient's teeth after fitting 4 incise™ crowns showing healthy pink gums.*



*A view inside metal and ceramic crowns.*



*Metal-free crown on the right in the picture shows greater translucency giving a more natural appearance.*

### How are incise™ crowns and bridges made?

incise™ crowns and bridges are made up in layers, starting with a biocompatible zirconia ceramic core which provides a framework with remarkable strength. This is then built-up with porcelain by a specialist ceramist, making it look and feel exactly like a natural tooth.

### How long will it take to fit the restoration?

The incise™ process generally involves three appointments within about 10 days:

1. An initial consultation to check the suitability of your tooth for a crown or bridge.
2. Preparation and impressions of your tooth. A temporary crown or bridge will also be fitted at this appointment to protect the prepared tooth.
3. Your tailor-made incise™ restoration is fitted.

### How long will my incise™ crown or bridge last?

Strength testing has proven that your incise™ restoration is 4 times stronger than typical biting force and it is almost impossible to fracture the zirconia core. incise™ crowns and bridges have also been tested for 5 year aging and show no signs of change in physical or aesthetic appearance.

### How do I clean my incise™ crown or bridge?

You can treat your restoration exactly like your natural teeth, so floss regularly around the adjoining gum area to prevent any plaque contaminating the tooth beneath the crown.

Your dentist will give you further advice on how best to look after your incise™ crown or bridge.