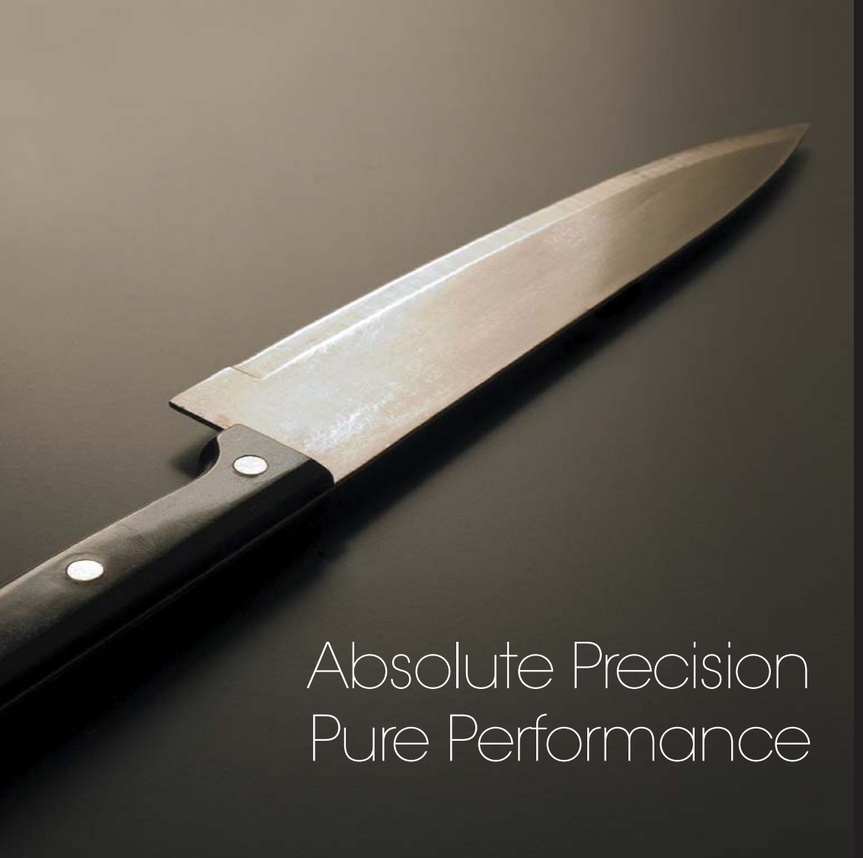

Absolute Precision
Pure Performance

Zirconia

If Zirconia is strong enough for these **it is ideal for dental superstructure**

The use of Zirconia for numerous diverse goals has been known for years in many industries: turbine engines, high energy physics, lasers, speciality products for military are only some examples.

As a hip implant component it reduces the risk of infections

Zirconia knives are harder than the materials being cut, their edges remain sharp longer in contrast to metal knives and scissors

Its key properties like high toughness and wear resistance make Zirconia the best suitable material in the production of seals, vales or impellers

Zirconia withstands extreme temperatures (~3,500°F) and is lighter than metal designs and as such it is used in the production of space-shuttles and aerospace industry in general

Its melting temperature is considerably higher than its associated oxides; hence its exceptional thermal shock resistance

The common feature of all these applications is the importance of strength, durability and accuracy of the material in use and for this reason Zirconia is now utilised within the dental industry as well and most importantly Zirconia is strong enough to eliminate metal.

Do you still hesitate over the suitability of Zirconia for your treatment plans?