




## Product data sheet

Atlantis™ abutment		
<p><b>Product line description</b></p> <p>Atlantis™ abutments are patient-specific abutments designed using Atlantis VAD™ (Virtual Abutment Design) software based on the optimal final tooth shape, after scanning of a cast with implant replicas.</p> <p>A natural restorative preparation is created with anatomic form and ideal emergence profile.</p> <p>The Atlantis abutment is designed for cement-retained restorations and is available for all major implant systems.</p> <p>Atlantis abutments are produced using a computer-guided precision milling process, and are designed and produced to provide optimal function and esthetics and further modifications are not needed. <b>Note:</b> Use of zirconia abutments should be carefully evaluated when placed in situations with unfavorable loading conditions.</p>		
<p><b>Indication for use</b></p> <p>Single, partial and full jaw restorations. For all positions in the mouth.</p>	<p><b>Contraindications</b></p> <p>Highly angled abutments (i.e. 30 degrees) on implants with diameters less than 4 mm and are not intended for the posterior region.</p>	
<p><b>Atlantis™ abutment screws:</b> All Atlantis™ abutments are delivered with its corresponding abutment screw, which is optimized for the design of the internal geometry of the abutment. The abutment screw delivered with the case should always be used and not replaced with a screw from the manufacturer of the implant being restored, unless otherwise noted.</p> <p><b>Note:</b> The implant manufacturer's recommended torque should always be used when placing an Atlantis™ abutment.</p> <p><b>Material:</b> Titanium Alloy 6Al-4V (Grade 5).</p>		
Atlantis™ abutment – titanium	Atlantis™ abutment – GoldHue™	Atlantis™ abutment – zirconia
<p><b>Product description:</b></p> <p>Milled from biocompatible, grade 5 titanium alloy blanks. These abutments are placed over the implant shoulder and mounted to the implant with the abutment screw provided with the abutment.</p> 	<p><b>Product description:</b></p> <p>Gold-shade coating achieved through a thin coating of biocompatible titanium nitride (TiN) that provides a warm, esthetic tone under the gingival. Ideal for esthetically challenging cases with thin soft tissue or when using an all-ceramic crown. The titanium nitride coating covers the entire abutment except for contact area between the abutment/implant and screw/abutment.</p> 	<p><b>Product description:</b></p> <p>Milled from a solid blank yttria-stabilized tetragonal zirconia polycrystals (Y-TZP). Available in white and shaded zirconia, these are one of the few all-zirconia engineered abutments currently on the market, which provides strength and durability. The benefits of zirconia are natural tooth-like color, excellent biocompatibility and reduced plaque build-up in comparison to titanium.</p> <p><b>Note:</b> Any modification may influence the mechanical strength and for Atlantis™ abutments in zirconia there is also a risk for change of material properties during e.g. grinding.</p> 
<p><b>Material:</b></p> <p>Titanium Alloy 6Al-4V (Grade 5).</p>	<p><b>Material:</b></p> <p>Titanium Alloy 6Al-4V (Grade 5). Titanium nitride (TiN) coated.</p>	<p><b>Material:</b></p> <p>Yttria-stabilized tetragonal zirconia polycrystals (Y-TZP). Color: White and shaded. Coefficient of thermal linear expansion: <math>10.6 \times 10^{-6}/K^{-1}</math>.</p>
<p>All titanium abutments, Titanium nitride (TiN) coated abutments, and screws are made from titanium grade 5 Ti-6Al-4V ELI meeting ASTM standard F-136.</p> <p>Zirconia abutments are made from biocompatible yttria-stabilized tetragonal zirconia polycrystals (Y-TZP) meeting ISO standard 13356, and may be produced in any composition complying with the values specified by these standards.</p>		