

MGM Implant Surgical Kit

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MGM IMPLANT DRILLS – TECHNICAL SPECIFICATIONS

The drills in the **MGM IMPLANT™** Universal Guided Surgery Kit are made of hardened AISI 420B stainless steel and coated with DLC treatment which provides an increase in surface hardness and reduces the friction forces generated during use.

The wear resistance aids cutting efficiency and minimizes bone overheating. Additionally this treatment also minimizes corrosion phenomenon during the cleaning and sterilization cycles. Drills should be used for no more than 15 patients.¹ Thoroughly inspect the cutting portion of the drills before every use. The use of worn-out drills could compromise the osseointegration process of the implant. Use of copious irrigation during drilling is highly recommended.



MGM IMPLANT DRILLING SYSTEM

The drilling system of the surgical alveolus is sequential and each drill has laser markings indicating the diameter of the drill and the implant length. The cylindrical portion of the drill preceding the cutting edge engages in 5mm diameter guide sleeves. A 9 mm guide path is provided, consisting of the sleeve of the surgical guide (4mm) and the maximum thickness of the soft tissues (5mm).

The smaller diameter of the stepped drills is consistent with the full diameter of the previous drill, providing further guidance in the sequence from one drill to the next.



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