Implant Procedure M4

Drilling Speed (RPM)

| Diameter | Countersink for bone type 3&4
|----------|-----------------------------
| Ø1.90 - Ø2.40 | Ø2.75 |
| Ø2.80 | Ø3.75 |
| Ø3.20 | Ø3.75 |
| Ø3.80 | Ø4.20 |
| Ø4.20 | Ø4.20 |

Optional for bone type 1&2

Implant diameter & platform indication

The outer tube of each implant has a color-coded label indicating implant diameter, length and platform size.

Implant Packaging

<table>
<thead>
<tr>
<th>Implant diameter</th>
<th>Platform size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø3.30 mm</td>
<td>Ø5 mm</td>
</tr>
<tr>
<td>Ø3.75 mm</td>
<td>Ø6 mm</td>
</tr>
<tr>
<td>Ø4.20 mm</td>
<td>Ø6 mm</td>
</tr>
<tr>
<td>Ø3.30 mm</td>
<td>Ø6 mm</td>
</tr>
</tbody>
</table>

Procedures recommended by MIS cannot replace the judgment and professional experience of the surgeon.
MIS M4 implants combine the benefits of cylindrical and conical implant designs, aiming to achieve excellent primary stability in every clinical scenario. The two main features of M4 implants are:

- **Self-tapping, V-shaped thread design with three spiral channels**, allowing smooth insertion even in type 1 bone conditions. A flat, cutting, tapered apex, enabling instant grip into bone in immediate placement procedures.
- **Surface**
  
  The surface roughness and micro-morphology is achieved by a combination of sand-blasting and acid-etching. MIS proven surface technology has provided millions of patients and clinicians with excellent osseointegration results and long-lasting clinical success.

**Combined cylindrical and conical shape with V-shaped threads**

The implant body and thread shape is designed for mild bone compression while achieving maximum initial and long-term stability.

**Internal hexagon**

MIS M4 implants feature an internal hex connection. This well-established connection assures proper abutment seating, anti-rotational engagement, resistance to lateral forces, excellent esthetic results and more.

**Dual thread**

A dual thread design enhances the placement procedure by forming gaps in the cortical bone. The overall insertion rate of M4 is 1.6mm per revolution.

**Three spiral channels**

Three spiral channels at the apical end of the implant support self-tapping properties. The channels also collect bone chips in the course of insertion, supporting efficient osseointegration and long-term stability.

**A flat cutting apex**

A flat cutting apex allows for final adjustments during placement procedures.

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MIS M4 implants feature an internal hex connection. This well-established connection assures proper abutment seating, anti-rotational engagement, resistance to lateral forces, excellent esthetic results and more.

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**Surgical Instruments Kit.**

The MIS Surgical Kit (MK-0016) contains the complete range of drills and tools required for a full implant placement procedure. The kit features a convenient tool layout and protective cover with an easy-opening mechanism for quicker access.