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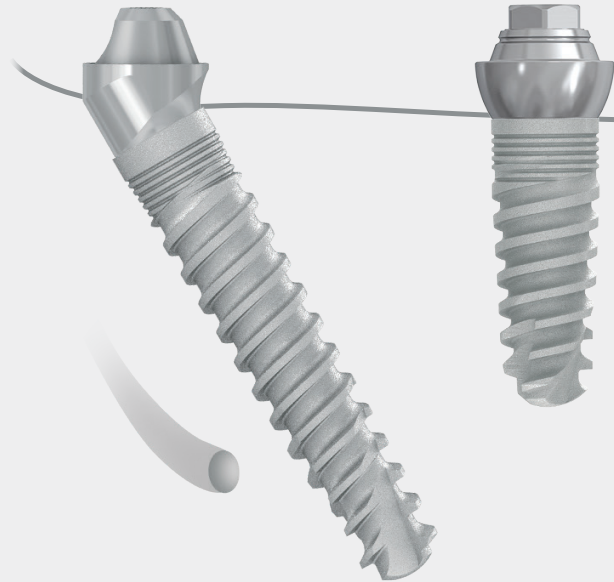
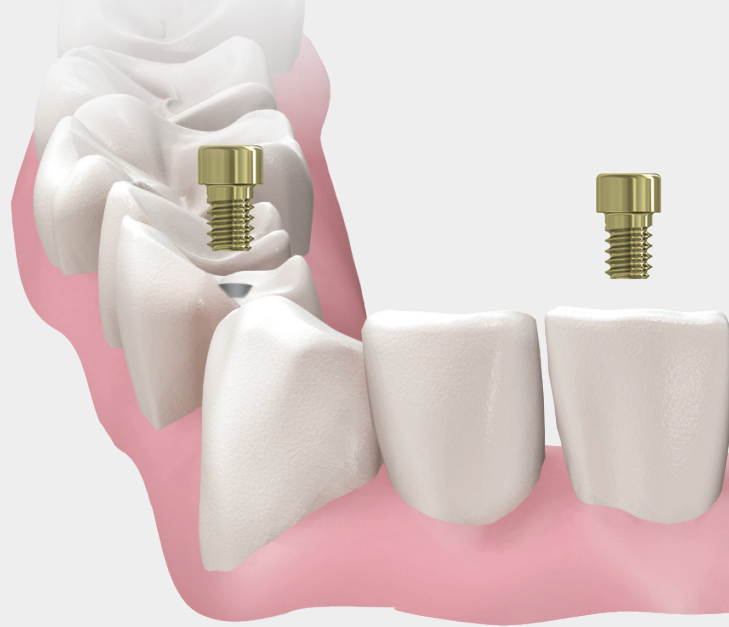
16-17. Summary.

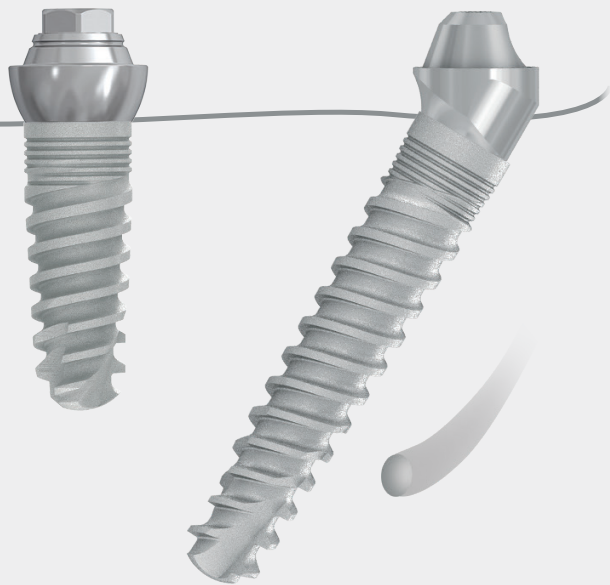
18. MULTIFIX Guide Strip.

4.

Overview.

MIS MULTIFIX Fixed Restoration for Atrophic Ridges allows for a comprehensive treatment plan for edentulous patients, of full-arch immediate restoration, using Multi-Unit abutments on just four implants.



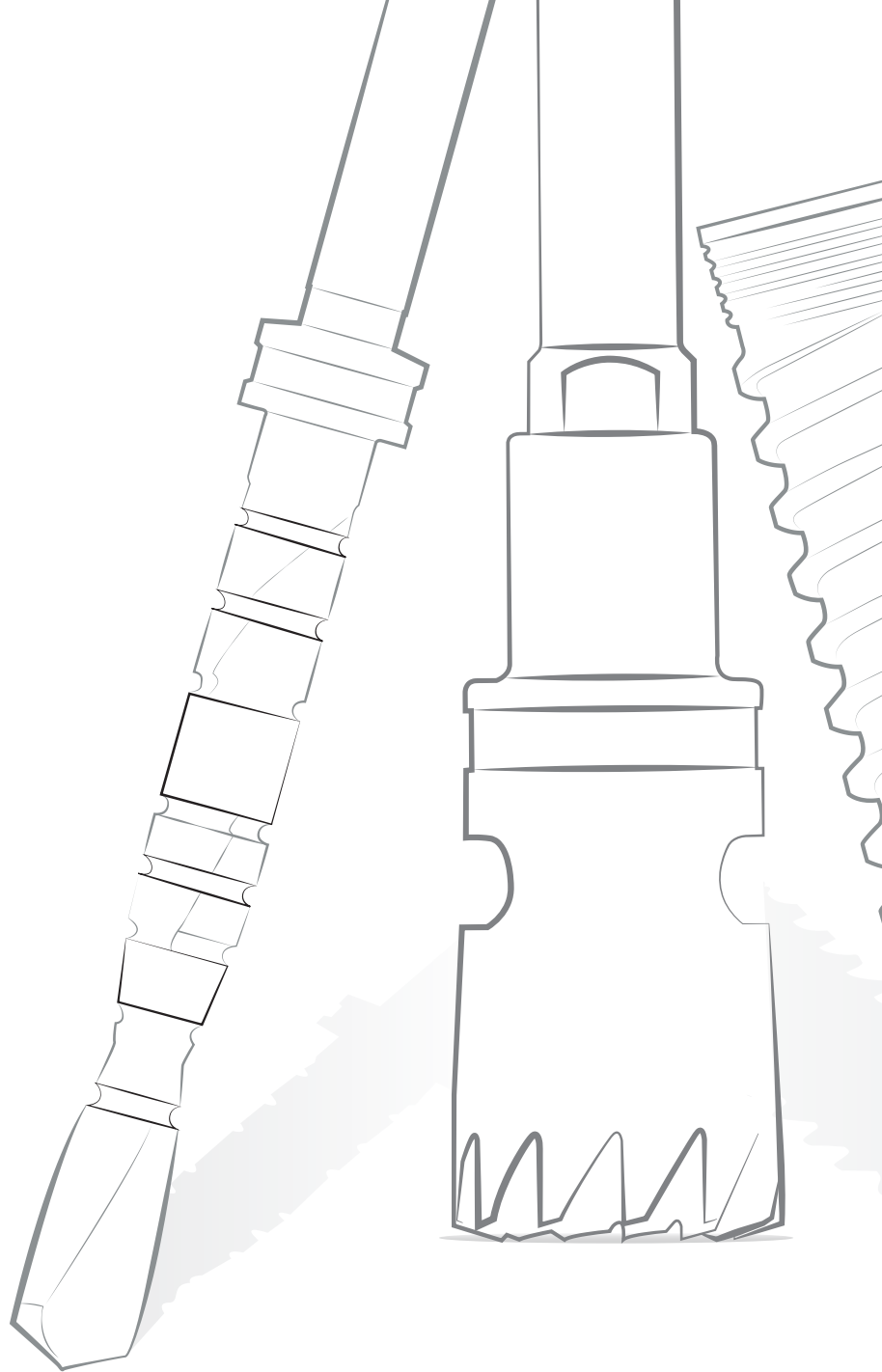


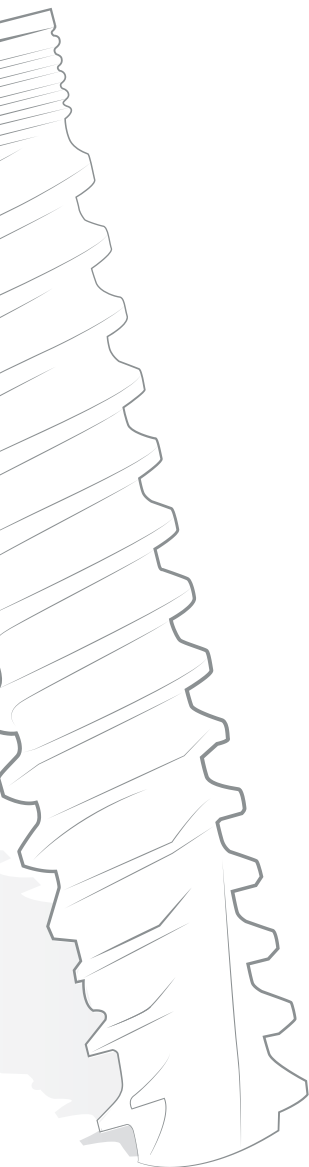
Multi-Unit abutments and final fixed screw-retained restoration is immediately placed over the implants.

The straight and 30° angled Multi-Unit abutments allow for optimal distribution of force, thanks to the unique angulated units insertion tool.

6.

Advantages.



**Immediate**

Immediate esthetic and functional solution

**Permanent**

Permanent fixed full-arch restoration

**Stability**

High stability may be achieved by longer implants and posterior angulated placement

**Chair time**

Less chair time and more affordable treatment compared to full-arch alternatives

**Versatility**

Reduced need for bone augmentation, even in low bone volume cases



18 and 20mm Length Implants.

MIS SEVEN 18 or 20mm implants, used in tilted posterior placement, are designed to provide high stability, thanks to the anchorage in the dense D1 type anterior bone.

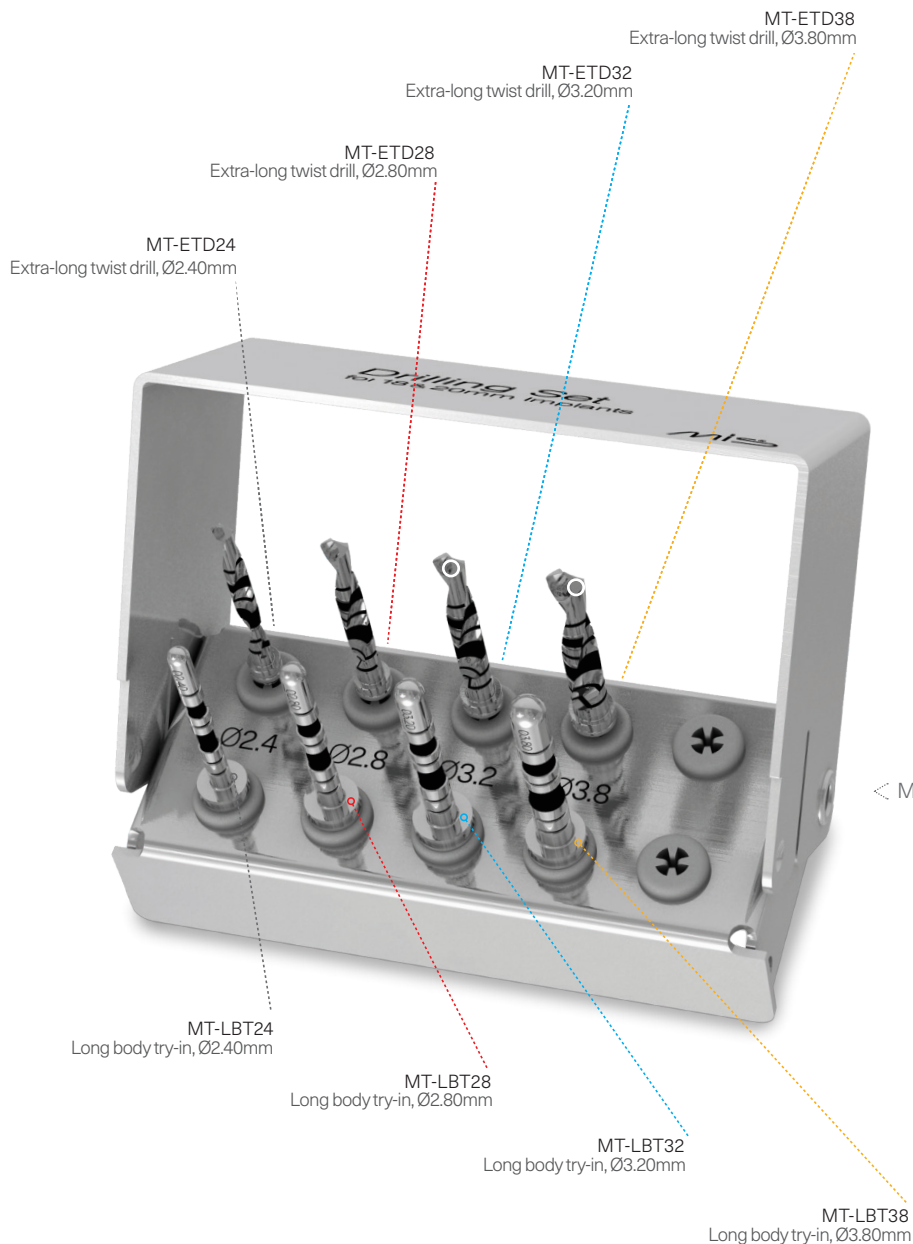


MF7-18375

MF7-20375

MF7-18420

MF7-20420



MIS Drilling Set for 18 and 20mm Length Implants.

The MIS MULTIFIX Long Implants Drilling Set allows for a full drilling procedure followed by placement of an 18mm or 20mm Standard platform implant. Long implant placement is recommended for the posterior facing implants when performing a fixed restoration for atrophic ridges.

Implant Procedure Ø3.75mm, L20mm

The unique MIS single-use final drill is recommended only for dense bone. For soft bone, use the countersink drill.



Ø1.90
1200-1500

Ø2.40

Ø2.40
900-1200

Ø2.40

Ø2.80
500-700

Ø2.80

200-400

Ø3.75
200-500

Ø3.75
15-25

mm
RPM

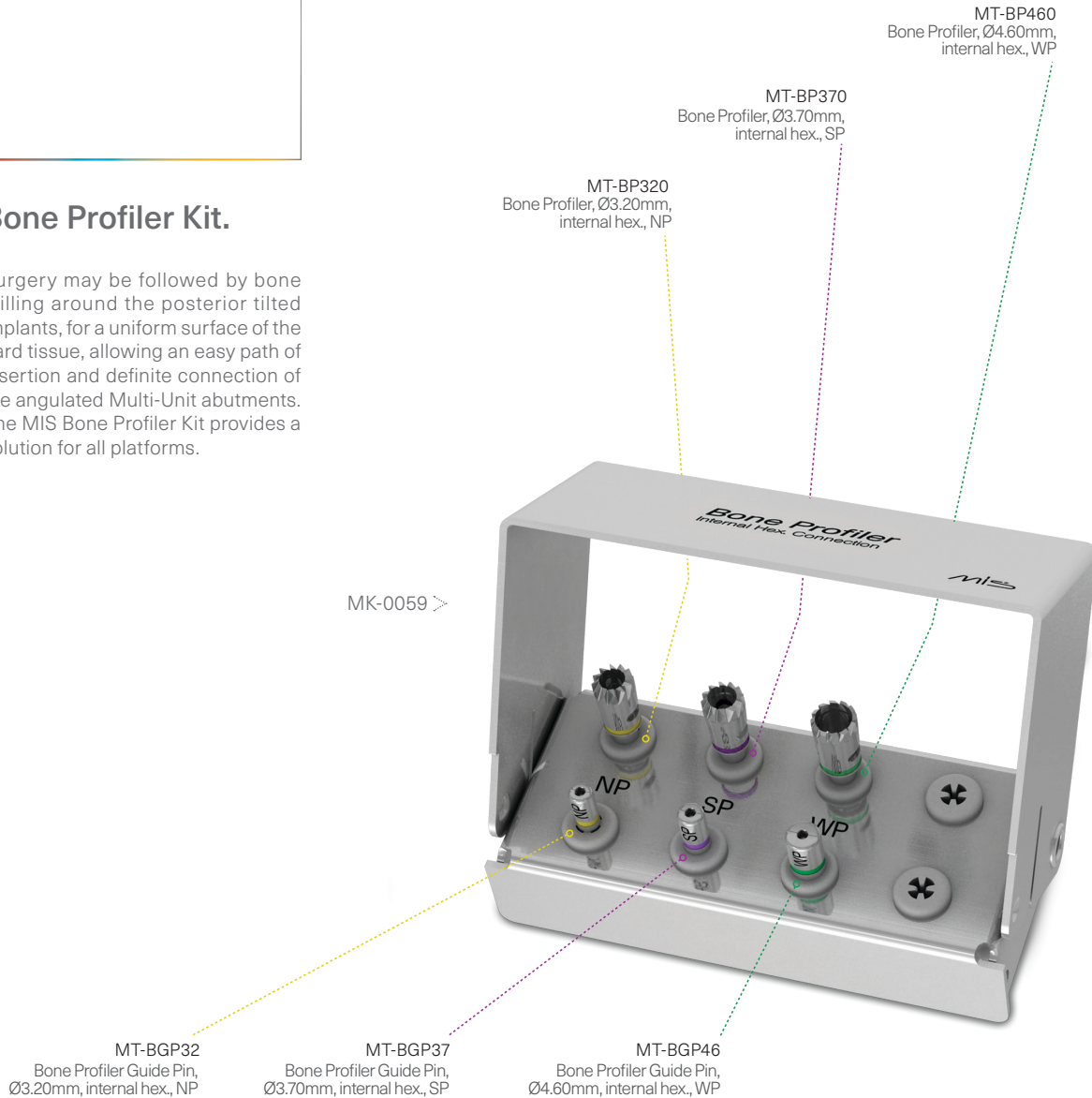
Implant Procedure Ø4.20mm, L20mm



Bone Profiler Kit.

Surgery may be followed by bone milling around the posterior tilted implants, for a uniform surface of the hard tissue, allowing an easy path of insertion and definite connection of the angulated Multi-Unit abutments. The MIS Bone Profiler Kit provides a solution for all platforms.

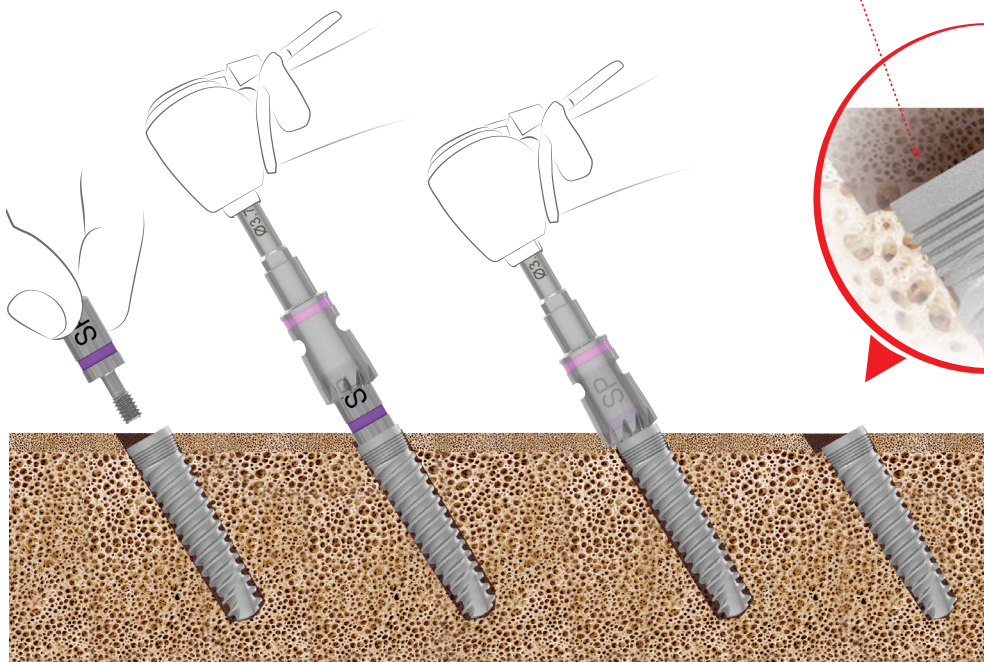
MK-0059 >



Procedure.

Connect the bone profiler guide pin to the tilted implant (with max. torque of 10Ncm). Place the bone profiler over the guide pin while attached to the handpiece. Perform milling of the crestal bone (with a max. cutting speed of 200RPM) for a smooth path of insertion of the angulated Multi-Unit abutment.

The implants are immediately restored using Multi-Unit abutments, straight and angulated at 30°, for a smooth, definite path of insertion.



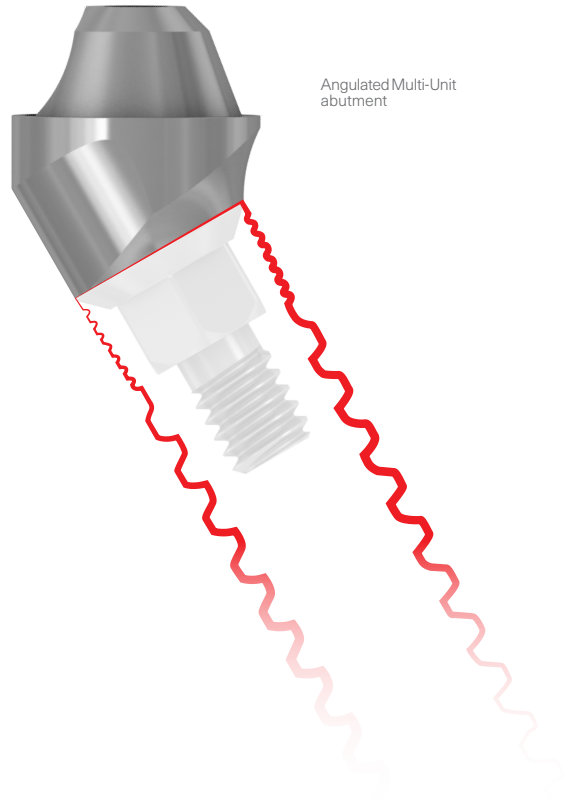
Solid Multi-Unit System.

MIS Solid Multi-Unit abutments have no sharp edges for favorable soft tissue healing, a closed thread allowing for easy and preferable screw tightening and ultimate distribution of force. They are delivered sterile for better surgical results.

Straight Multi-Unit
abutment

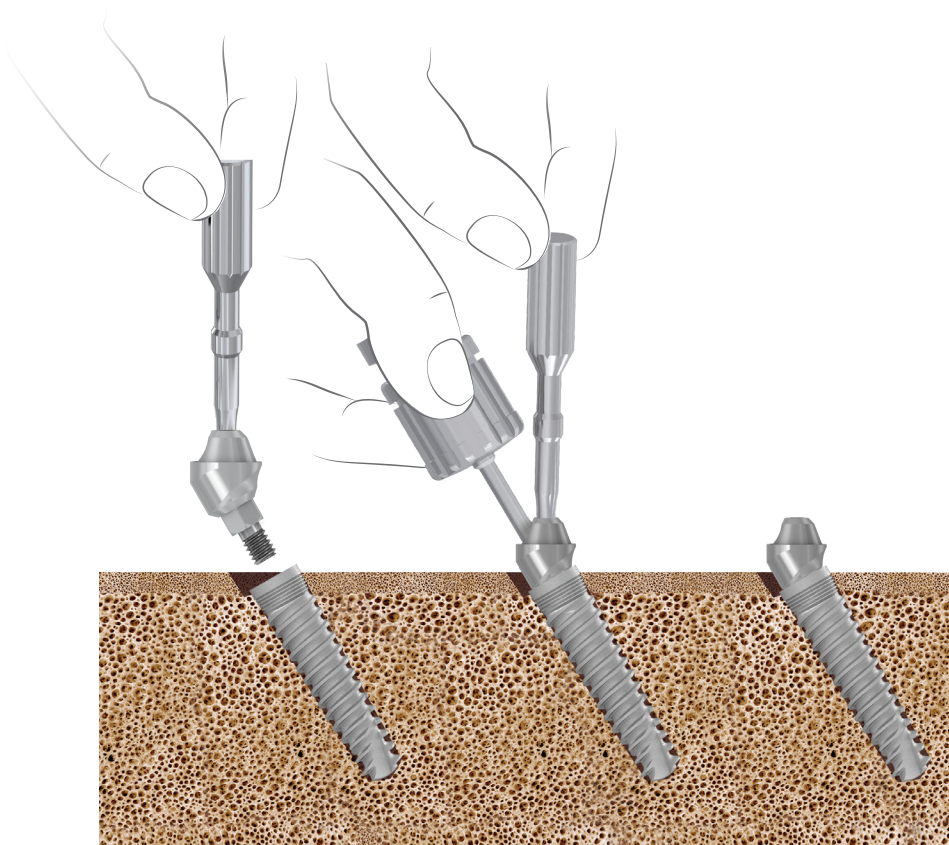


Angulated Multi-Unit
abutment



Procedure.

After using the MIS MULTIFIX Bone Profiler, connect the angulated Multi-Unit abutment to the tilted implant with its unique insertion tool and tighten the screw up to 20Ncm.



Caution: Careful evaluation has to be made as to the location of vital blood vessels, mental and lingual foramen, nerves, maxillary sinus, soft tissue spaces, and their relation to planned site for implant placement.



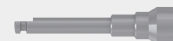
Straight Multi-Unit long ratchet key (MT-MURL2)



Straight Multi-Unit short ratchet key (MT-MURS2)



Straight Multi-Unit long motor key (MT-MUML2)



Straight Multi-Unit short motor key (MT-MUMS2)



Long driver for 0.05 inch hex. (MT-RDL30)



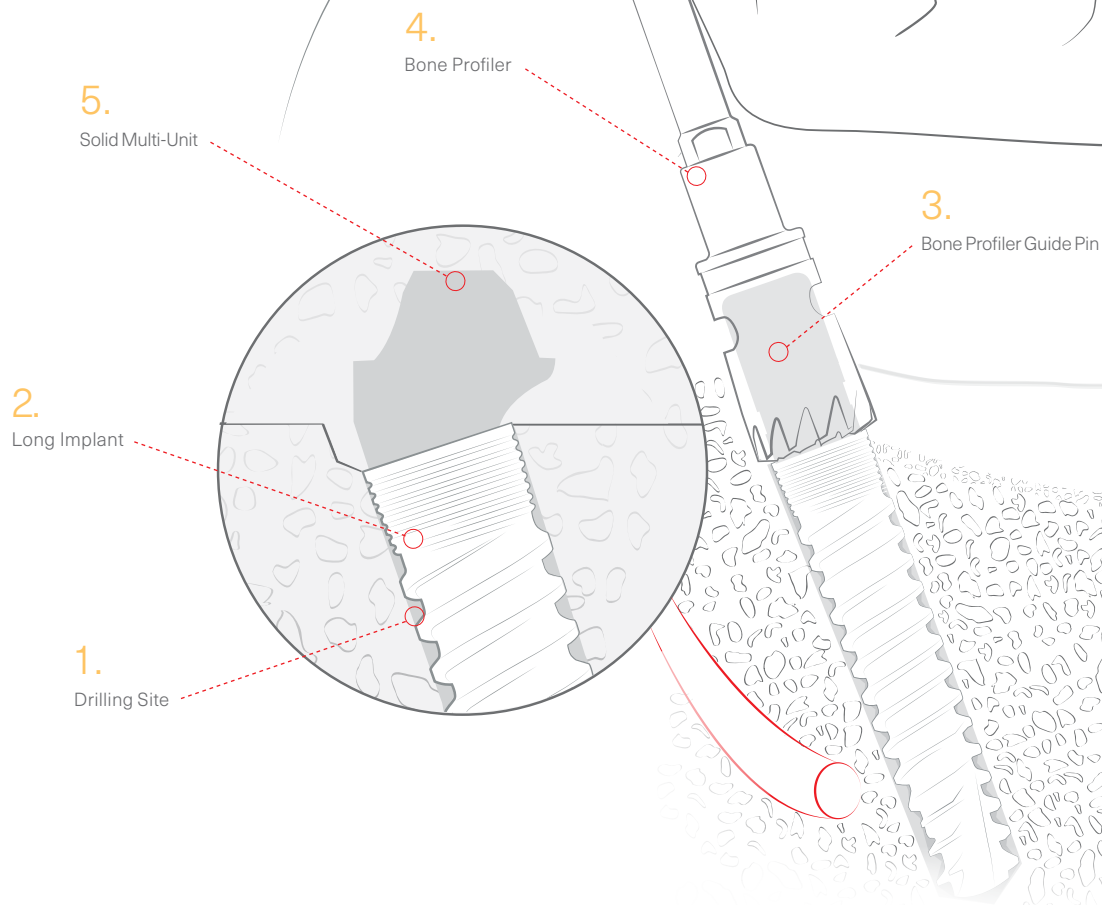
Short driver for 0.05 inch hex. (MT-RDS30)



Long motor adapter for 0.05 inch hex. (MT-LM005)



Short motor adapter for 0.05 inch hex. (MT-SM005)



Summary.

1. Drilling for the tilted implant is performed anteriorly to the mental foramen
2. 18 or 20mm implant is placed
3. MIS Bone Profiler Guide Pin is connected to the tilted implant
4. Bone milling by MIS Bone Profiler is performed
5. MIS angulated Multi-Unit abutment is connected after achieving a smooth path of insertion.

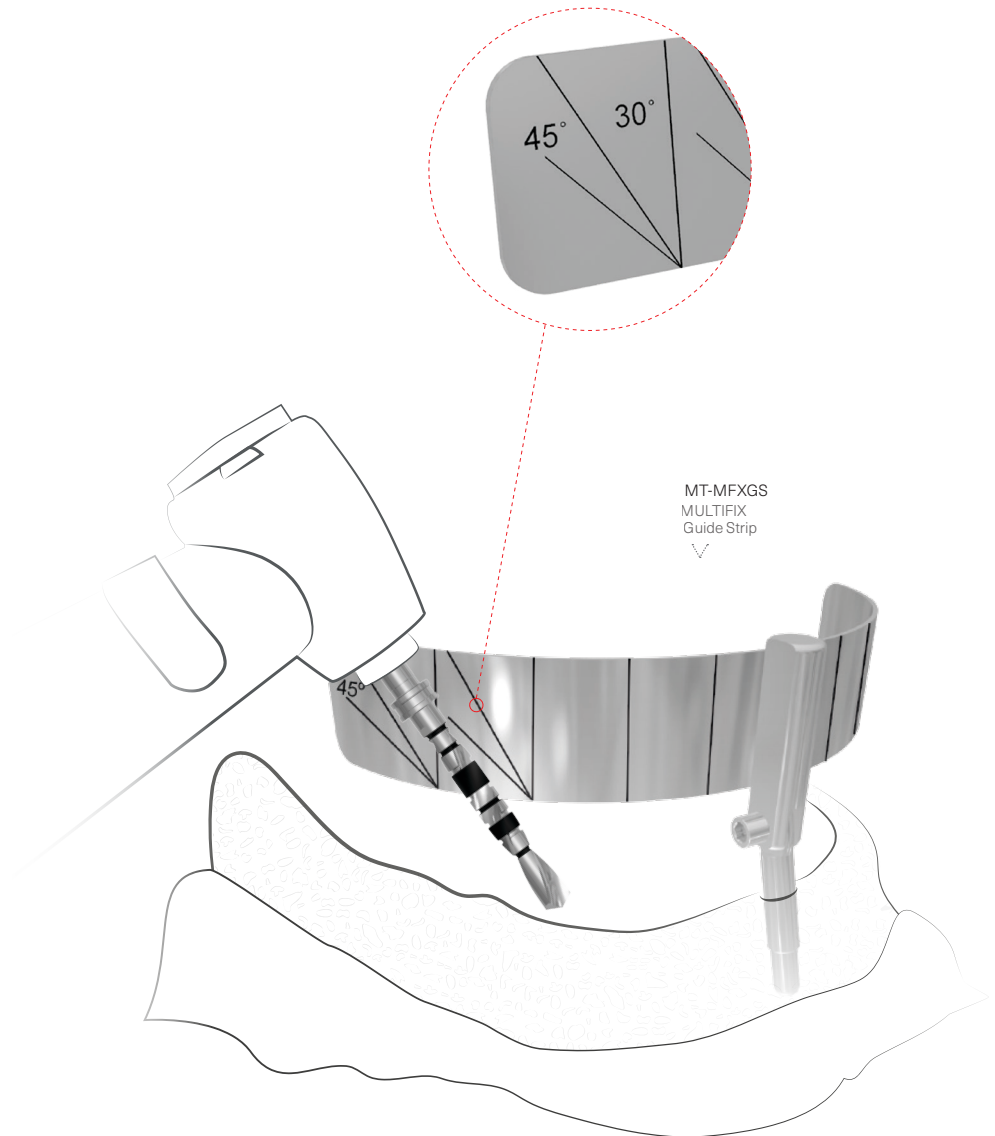
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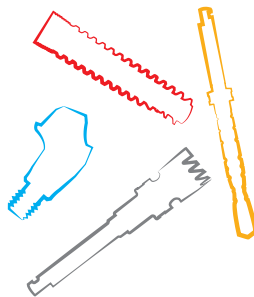
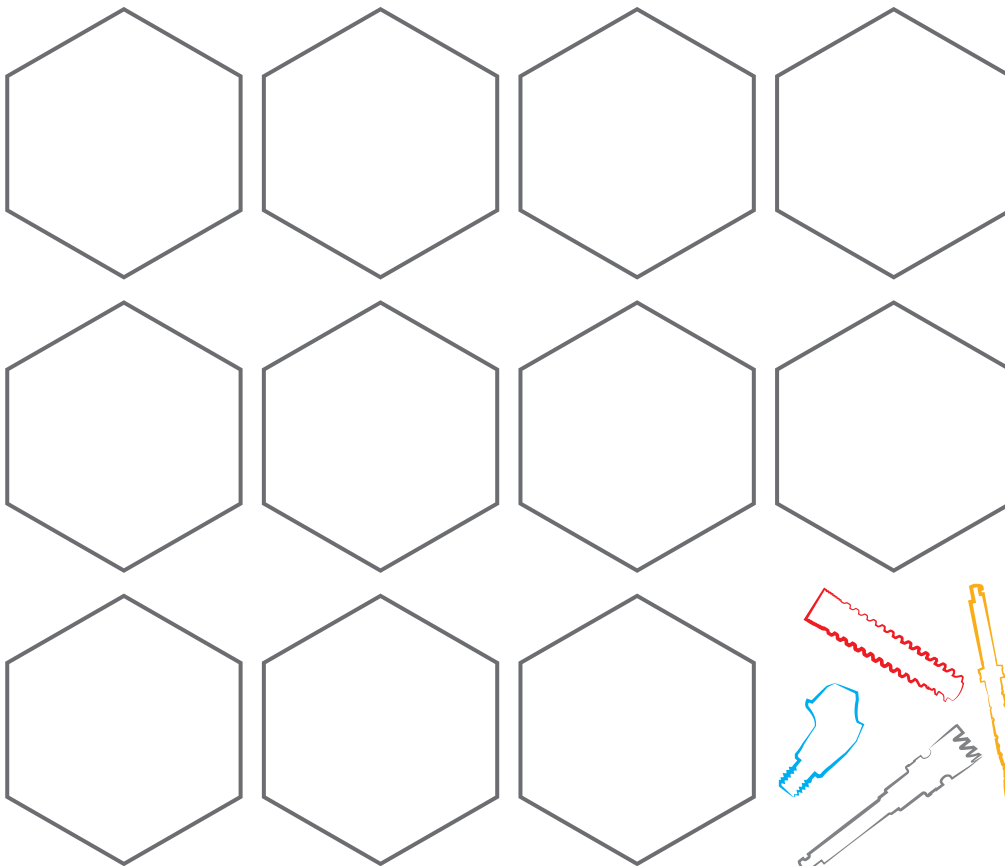
MULTIFIX Guide Strip

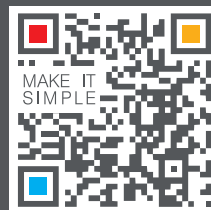
MULTIFIX guide strips are used to assist in evaluating the drilling angle, while preparing the insertion site of the tilted implants during the MIS MULTIFIX procedure. These flexible strips are reusable.

For use, a hole must be drilled in the front and center bone of the lower or upper jaw with a pilot drill at a 10mm depth. Once the guide strip pin is in place within this hole, it may be bent around the contours of the gingiva, its markings visible, showing guidelines for the drilling angle. This is in order to prevent drilling at an angle greater than 45°.

MULTIFIX guide strips are provided with extra screws (MT-MFXSS) which are compatible with standard 0.05" screw drivers. Grip force may be adjusted to ease use.







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The MIS Quality System complies with the following international quality standards: ISO 13485:2016 - Quality Management System for Medical Devices, and Medical Device directive 93/42/EEC. MIS products are CE marked. Please note that not all products are registered or available in every country or region.