

**MGM**  
IMPLANT

**MGM Implant  
Guide Kit**  
*Catalog*



**MGM guided surgery kit** is a specialized surgical instrument system used with a digitally fabricated surgical guide.

- In the sleeveless design, the drills have integrated stop collars that directly interact with the printed guide.
- This eliminates the need for metal or plastic sleeves.
- Each drill is precisely matched in length and diameter to the surgical plan.
- The system ensures implant placement matches the digital prosthetic-driven plan with maximum accuracy and safety.





## Uses of the *Guided Kit*

- Prosthetic-driven implantology -> Implants are placed where the prosthetic (crown/bridge/denture) requires.
- Safe osteotomy preparation -> Controls drill angulation, depth, and position automatically.
- Minimally invasive surgery -> Often flapless, reducing bleeding, swelling, and healing time.
- Avoidance of anatomical structures -> Prevents perforation of maxillary sinus, inferior alveolar nerve, mental foramen, or adjacent roots.
- Multiple implant accuracy -> Ensures implants are parallel or correctly angled for restorations.
- Time efficiency -> Reduces chair time by eliminating intraoperative guesswork.
- Teaching/training -> Helps less experienced surgeons perform safe implant placements.



# **How to Use**

## *the Guided Kit*

Fabricate a sleeveless 3D-printed surgical guide

Perform digital planning with CBCT + intraoral scans.

Place the guide intraorally and check its stability.

Use guided drills with stop collars through the guide to prepare the osteotomy.

Insert the implant with a guided driver through the same guide channel.



# Contents of a Sleeveless

## Guided Kit



Extension Tool  
for ratchet  
MGMRDM00623



Square Connector  
for ratchet  
MGMRDM00623



Adapter Extender

Reduction Rings  
h 1.0 mm  
MGMRDM00626.1  
x4



Reduction Rings  
h 1.5 mm  
MGMRDM00626.15  
x4



Reduction Rings  
h 2.0 mm  
MGMRDM00626.2  
x4



Pin  
MGMRDM00609  
x4



Pin Drill  
MGMRDM00610  
x4



Calibrated  
Cylindrical  
Step Drills  
Ø 2.3 mm  
MGMRDM00613.23.XX  
x5



Calibrated  
Cylindrical  
Step Drills  
Ø 3.0 mm  
MGMRDM00613.30.XX  
x5



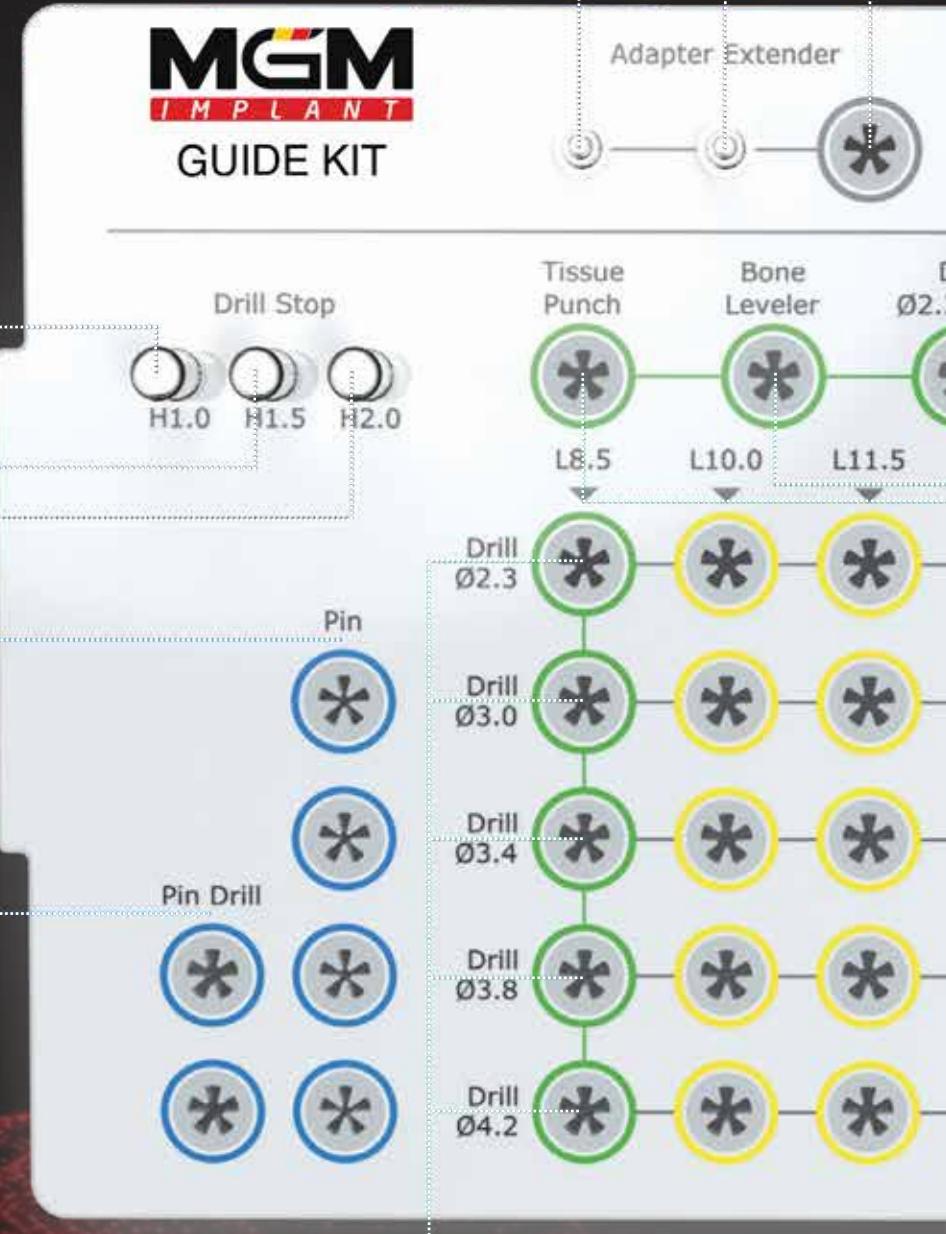
Calibrated  
Cylindrical  
Step Drills  
Ø 3.4 mm  
MGMRDM00613.34.XX  
x5



Calibrated  
Cylindrical  
Step Drills  
Ø 3.8 mm  
MGMRDM00613.38.XX  
x5



Calibrated  
Cylindrical  
Step Drills  
Ø 3.8 mm  
MGMRDM00613.42.XX  
x5



# Contents of a Sleeveless Guided Kit



Square Connector  
for contra-angle  
MGMRDM00612



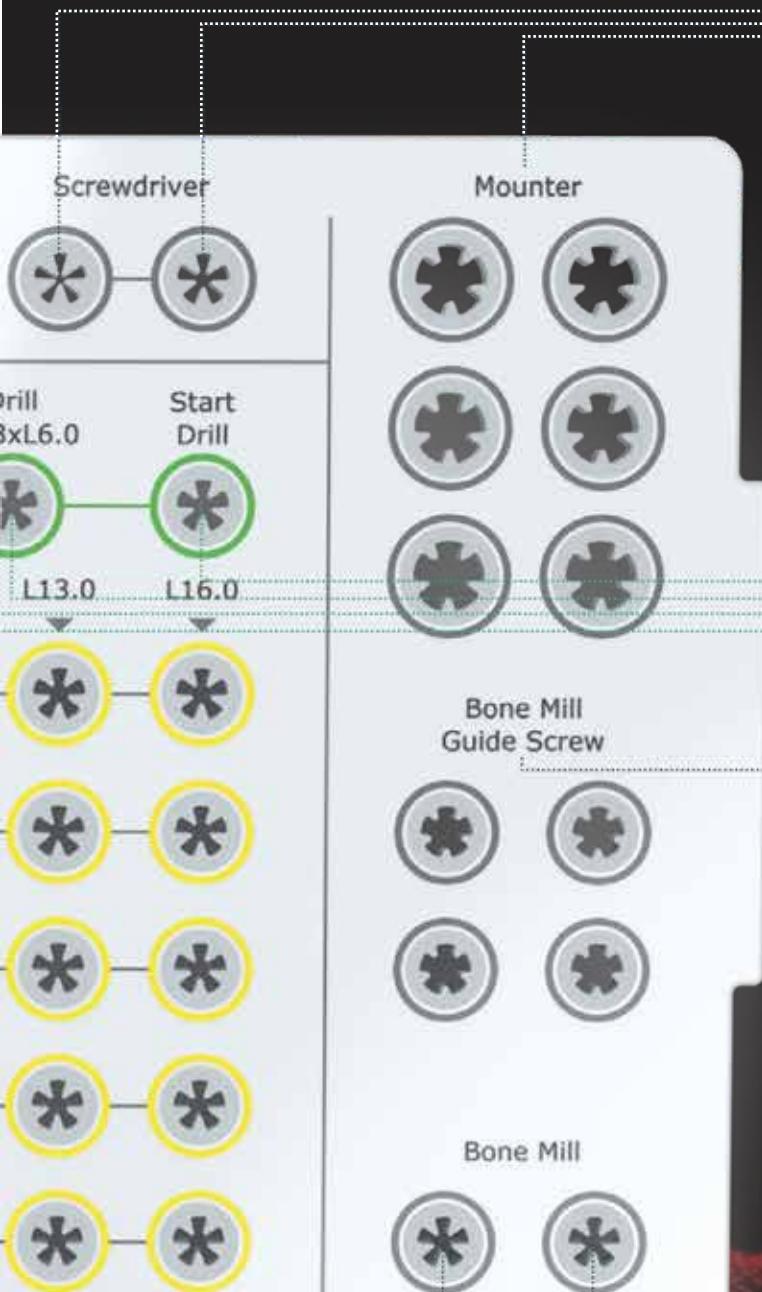
Hand Piece  
Screwdriver  
MGMRDM00618



Manual  
Screwdriver  
MGMRDM00617



Implant Mount  
MGMRDM00606XXX  
(x6)



Start Drill  
MGMRDM00621



Drill 2.3 x 6.0  
MGMRDM00615



Bone Leveler  
MGMRDM00614



Tissue Punch  
MGMRDM00607



Bone Mill  
Guide Screw  
MGMRDM006219XX  
x(4)

## COMPOSITION 1 MGMGUIDE FULL KIT

INSTRUMENTS INCLUDED IN THE FULL KIT (MGMRDM00700)

- 1 mucotome
- 1 start drill
- 1 bone leveler
- 1 drill D2.3 × 6.0 mm
- D2.3 × 8.5 mm, D2.3 × 10 mm, D2.3 × 11.5 mm, D2.3 × 13 mm, D2.3 × 16 mm drills set
- D3.0 × 8.5 mm, D3.0 × 10 mm, D3.0 × 11.5 mm, D3.0 × 13 mm, D3.0 × 16 mm drills set
- D3.4 × 8.5 mm, D3.4 × 10 mm, D3.4 × 11.5 mm, D3.4 × 13 mm, D3.4 × 16 mm drills set
- D3.8 × 8.5 mm, D3.8 × 10 mm, D3.8 × 11.5 mm, D3.8 × 13 mm, D3.8 × 16 mm drills set
- D4.2 × 8.5 mm, D4.2 × 10 mm, D4.2 × 11.5 mm, D4.2 × 13 mm, D4.2 × 16 mm drills set
- Reduction rings (4 × H1.0 mm | 4 × H1.5 mm | 4 × H2.0 mm)
- 2 drills for fixation pins
- 4 fixation pins

## MGMGUIDE FULL KIT

- 6 implant mounts of the same prosthetic connection chosen among the compatibility list
- 1 manual screwdriver
- 1 handpiece screwdriver
- 1 4 × 4 square connector for handpiece
- 1 torque wrench prolongation
- 1 cylinder bone mill
- 1 conical bone mill
- 4 bone mill protection screws, chosen among the compatibility list
- 1 torque wrench with removable adapter
- 1 mouth opening gauge
- 1 surgical box

Additional implant mounts can be purchased separately (6 implant mounts per prosthetic connection sets). Please refer to the compatibility table for the updated list of compatible platforms.



## COMPOSITION 1 MGMGUIDE FULL KIT

INSTRUMENTS INCLUDED IN THE BASICvvv KIT (MGMRDM00700LT)

- 1 mucotome
- 1 start drill
- D2.3 × 8.5 mm, D2.3 × 10 mm, D2.3 × 11.5 mm,  
D2.3 × 13 mm drills set
- D3.0 × 8.5 mm, D3.0 × 10 mm, D3.0 × 11.5 mm,  
D3.0 × 13 mm drills set
- D3.4 × 8.5 mm, D3.4 × 10 mm, D3.4 × 11.5 mm,  
D3.4 × 13 mm drills set
- D3.8 × 8.5 mm, D3.8 × 10 mm, D3.8 × 11.5 mm,  
D3.8 × 13 mm drills set
- Reduction rings (4 × H1.0 mm | 4 × H1.5 mm | 4 × H2.0 mm)
- 1 drill for fixation pins
- 3 fixation pins
- 4 implant mounts of the same prosthetic connection  
chosen among the compatibility list
- 1 manual screwdriver
- 1 handpiece screwdriver

## MGMGUIDE BASIC KIT

- 1 4 × 4 square connector for handpiece
- 1 torque wrench prolongation
- 1 torque wrench with removable adapter
- 1 mouth opening gauge
- 1 surgical box

Not included instruments can be purchased separately.  
Additional implant mounts can be purchased separately  
(6 implant mounts per prosthetic connection sets).  
Please refer to the compatibility table for the updated list  
of compatible platforms.



### COMPOSITION 1 MGMGUIDE FULL KIT

INSTRUMENTS INCLUDED IN THE UNIVERSAL KIT (MGMRDM00701)

- 1 mucotome
- 1 start drill
- D2.3 × 8.5 mm, D2.3 × 10 mm, D2.3 × 11.5 mm, D2.3 × 13 mm, D2.3 × 16 mm drills set
- D3.0 × 8.5 mm, D3.0 × 10 mm, D3.0 × 11.5 mm, D3.0 × 13 mm, D3.0 × 16 mm drills set
- D3.4 × 8.5 mm, D3.4 × 10 mm, D3.4 × 11.5 mm, D3.4 × 13 mm, D3.4 × 16 mm drills set
- D3.8 × 8.5 mm, D3.8 × 10 mm, D3.8 × 11.5 mm, D3.8 × 13 mm, D3.8 × 16 mm drills set
- D4.2 × 8.5 mm, D4.2 × 10 mm, D4.2 × 11.5 mm, D4.2 × 13 mm, D4.2 × 16 mm drills set

### MGMGUIDE UNIVERSAL KIT

- Reduction rings (4 × H1.0 mm | 4 × H1.5 mm | 4 × H2.0 mm)
- 1 drill for fixation pins
- 3 fixation pins
- 1 mouth opening gauge
- 1 surgical box

Not included instruments can be purchased separately.

