

Optimized for the
Minimally Invasive Implant Treatment

MAGICORE®



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InnobioSurg

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IV Magic All-on-Four System

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Premium Implant

MAGICORE[®]



Optimized for the
Minimally Invasive Implant Treatment

MAGICORE®

01
The world's first minimally invasive implant

02
MagiCore is reliable. It can keep the healthy
periodontal condition and provides strong prosthetic connection

Magic Post

2mm

- Optimal height of 2mm requires no additional milling
- Applicable to various abutments and crown shapes.
- The Magic connection guarantees stronger connection from both inside and outside.
- Ferrule effect of the Magic connection prevents fracture.

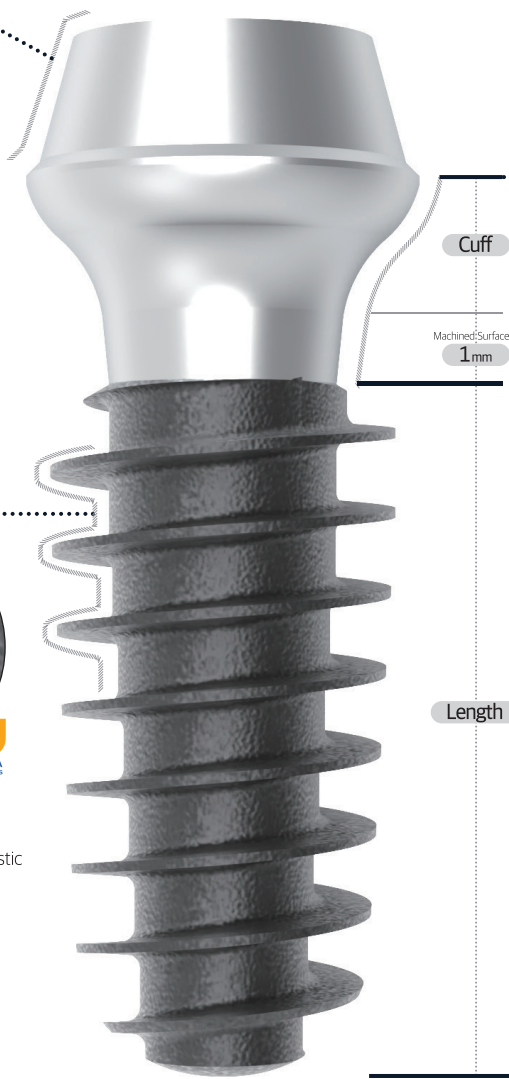
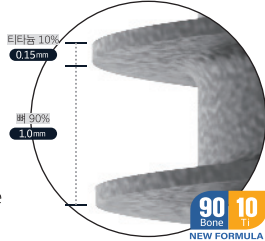
Magic Cuff

Cuff + 1mm

- Junctional epithelium adhesion.
- Maintains ideal biologic width.
- Promises aesthetic, healthy soft tissue.
- All-in-one structure: no micro-gap, no bacteria.

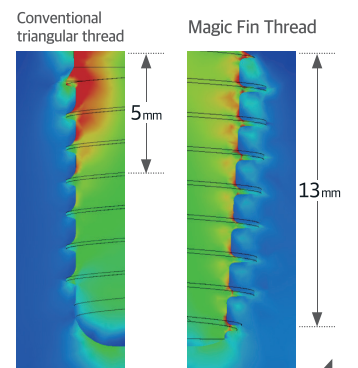
Magic Fin Thread

- Square shape of the Magic Fin Thread offers better stress distribution.
- Protects the interthread bone by matching the physical properties of the bone and titanium.
- Initial stability can be obtained in any situation, with any bone quality. Minimally invasive single surgery is enough.
- Faster bone healing is possible because the time of osteoclastic activity is shortened by minimizing the bone damage in the osteotomy.



Stress Distribution Test

(FEM : Finite Element Method)



MagiCore Ø3.0

Length 11 mm | 13 mm | 15 mm

Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

* Scale 150%

Fixture **3.0** Magic Post **4.0**

Length **11 mm**



Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3011 | 402M3011 | 403M3011 | 404M3011 |

Fixture **3.0** Magic Post **4.0**

Length **13 mm**



Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3013 | 402M3013 | 403M3013 | 404M3013 |

Fixture **3.0** Magic Post **4.0**

Length **15 mm**



Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3015 | 402M3015 | 403M3015 | 404M3015 |

MagiCore Ø3.5

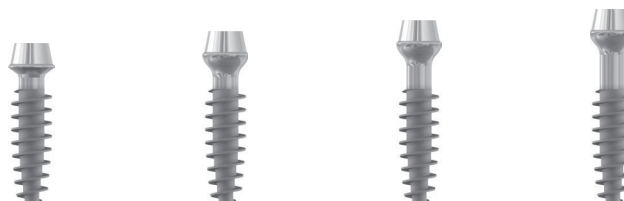
Length 11 mm | 13 mm | 15 mm

Magic Cuff 2 mm | 3 mm | 4 mm | 5 mm

* Scale 150%

Fixture **3.5** Magic Post **4.0**

Length **11** mm

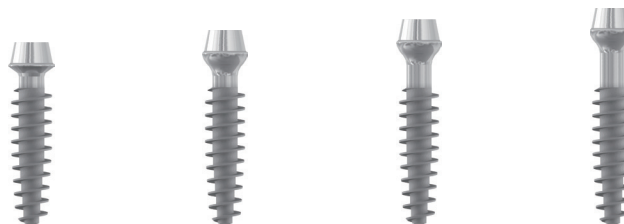


Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3511 | 402M3511 | 403M3511 | 404M3511 |

Fixture **3.5** Magic Post **4.0**

Length **13** mm



Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3513 | 402M3513 | 403M3513 | 404M3513 |

Fixture **3.5** Magic Post **4.0**

Length **15** mm



Unit: mm

| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 401M3515 | 402M3515 | 403M3515 | 404M3515 |

MagiCore Ø4.0

Length 9mm | 11mm | 13mm * Custom Order 7mm

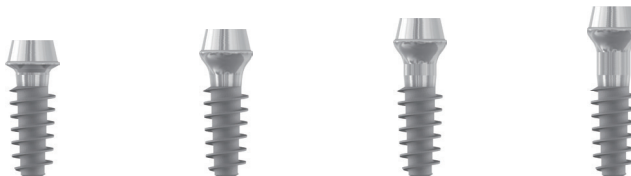
Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 4.0 Magic Post 4.5

Length 9mm

Unit: mm



| | | | | |
|-------------------|----------|----------|----------|----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4009 | 452M4009 | 453M4009 | 454M4009 |

Fixture 4.0 Magic Post 4.5

Length 11mm

Unit: mm



| | | | | |
|-------------------|----------|----------|----------|----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4011 | 452M4011 | 453M4011 | 454M4011 |

Fixture 4.0 Magic Post 4.5

Length 13mm

Unit: mm



| | | | | |
|-------------------|----------|----------|----------|----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4013 | 452M4013 | 453M4013 | 454M4013 |

MagiCore Ø4.5

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 4.5 Magic Post 4.5

Length 7mm

Unit: mm



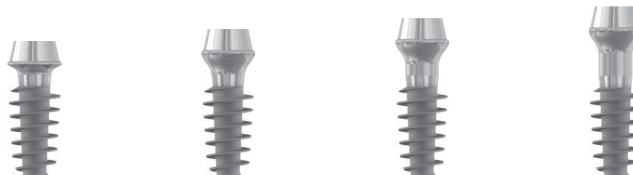
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|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4507 | 452M4507 | 453M4507 | 454M4507 |

* Special order only

Fixture 4.5 Magic Post 4.5

Length 9mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4509 | 452M4509 | 453M4509 | 454M4509 |

Fixture 4.5 Magic Post 4.5

Length 11mm

Unit: mm

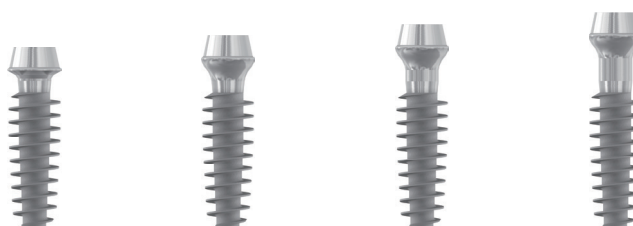


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| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4511 | 452M4511 | 453M4511 | 454M4511 |

Fixture 4.5 Magic Post 4.5

Length 13mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4513 | 452M4513 | 453M4513 | 454M4513 |

MagiCore Ø5.0

Length 7mm | 9mm | 11mm | 13mm

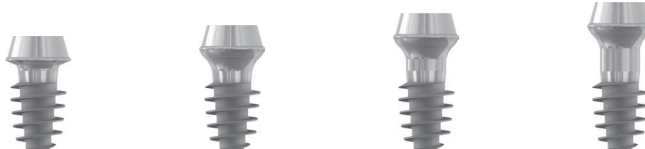
Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 5.0 Magic Post 5.5

Length 7mm

Unit: mm



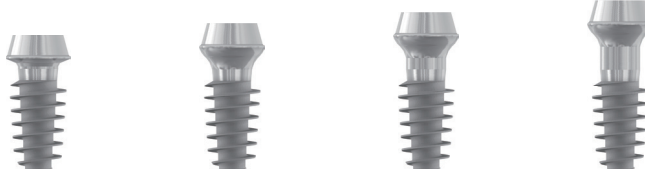
| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5007 | 552M5007 | 553M5007 | 554M5007 |

* Special order only

Fixture 5.0 Magic Post 5.5

Length 9mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5009 | 552M5009 | 553M5009 | 554M5009 |

Fixture 5.0 Magic Post 5.5

Length 11mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5011 | 552M5011 | 553M5011 | 554M5011 |

Fixture 5.0 Magic Post 5.5

Length 13mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5013 | 552M5013 | 553M5013 | 554M5013 |

MagiCore Ø5.5

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 5.5 Magic Post 5.5

Length 7mm

Unit: mm



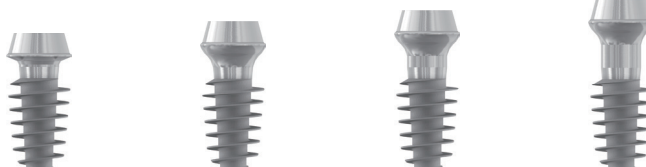
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|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5507 | 552M5507 | 553M5507 | 554M5507 |

* Special order only

Fixture 5.5 Magic Post 5.5

Length 9mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5509 | 552M5509 | 553M5509 | 554M5509 |

Fixture 5.5 Magic Post 5.5

Length 11mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5511 | 552M5511 | 553M5511 | 554M5511 |

Fixture 5.5 Magic Post 5.5

Length 13mm

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5513 | 552M5513 | 553M5513 | 554M5513 |

MagiCore Ø6.0

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture **6.0** Magic Post **5.5**

Length **7mm**

Unit: mm



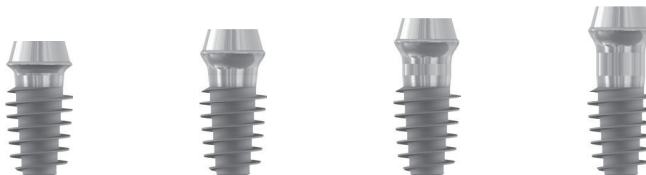
| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6007 | 552M6007 | 553M6007 | 554M6007 |

* Special order only

Fixture **6.0** Magic Post **5.5**

Length **9mm**

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6009 | 552M6009 | 553M6009 | 554M6009 |

Fixture **6.0** Magic Post **5.5**

Length **11mm**

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6011 | 552M6011 | 553M6011 | 554M6011 |

Fixture **6.0** Magic Post **5.5**

Length **13mm**

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6013 | 552M6013 | 553M6013 | 554M6013 |

MagiCore Ø6.5

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture **6.5** Magic Post **5.5**

Length **7mm**

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6507 | 552M6507 | 553M6507 | 554M6507 |

* Special order only

Fixture **6.5** Magic Post **5.5**

Length **9mm**

Unit: mm



| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6509 | 552M6509 | 553M6509 | 554M6509 |

Fixture **6.5** Magic Post **5.5**

Length **11mm**

Unit: mm

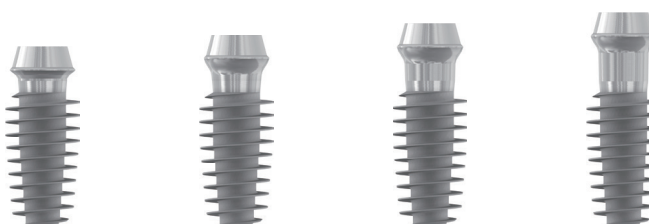


| | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6511 | 552M6511 | 553M6511 | 554M6511 |

Fixture **6.5** Magic Post **5.5**

Length **13mm**

Unit: mm



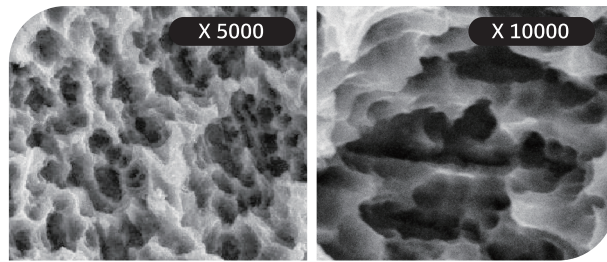
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|-------------------|-----------------|-----------------|-----------------|-----------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6513 | 552M6513 | 553M6513 | 554M6513 |

MAGICORE S

01
Using the Sandblasted, Large grit, Acid-etched surface treatment technology, there is a 120% increase in the surface area and a reduction in loading time.

02
With a surface roughness (RA) of 2.5~3.0 μ m and the uniform implementation of micro pits, excellent bone response is achieved.

MagiCore S Surface Configuration



* SEM/EDS Analysis



MagiCore S Ø4.0

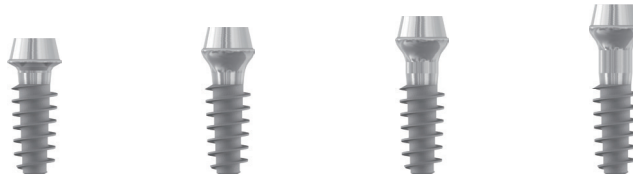
Length 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 4.0 Magic Post 4.5

Length 9mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4009I | 452M4009I | 453M4009I | 454M4009I |

Fixture 4.0 Magic Post 4.5

Length 11mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4011I | 452M4011I | 453M4011I | 454M4011I |

Fixture 4.0 Magic Post 4.5

Length 13mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4013I | 452M4013I | 453M4013I | 454M4013I |

MagiCore S Ø4.5

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 4.5 Magic Post 4.5 Length 7mm

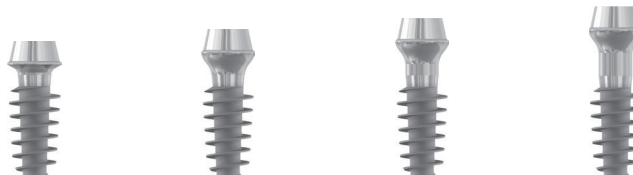


Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4507I | 452M4507I | 453M4507I | 454M4507I |

* Special order only

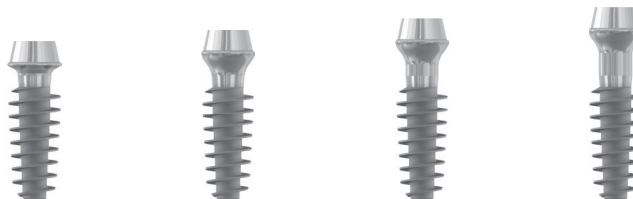
Fixture 4.5 Magic Post 4.5 Length 9mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4509I | 452M4509I | 453M4509I | 454M4509I |

Fixture 4.5 Magic Post 4.5 Length 11mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4511I | 452M4511I | 453M4511I | 454M4511I |

Fixture 4.5 Magic Post 4.5 Length 13mm



Unit: mm

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 451M4513I | 452M4513I | 453M4513I | 454M4513I |

MagiCore S Ø5.0

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 5.0
Magic Post 5.5
Length 7mm



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5007I | 552M5007I | 553M5007I | 554M5007I |

* Special order only

Fixture 5.0
Magic Post 5.5
Length 9mm



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5009I | 552M5009I | 553M5009I | 554M5009I |

Fixture 5.0
Magic Post 5.5
Length 11mm



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5011I | 552M5011I | 553M5011I | 554M5011I |

Fixture 5.0
Magic Post 5.5
Length 13mm



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5013I | 552M5013I | 553M5013I | 554M5013I |



MagiCore S Ø5.5

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture 5.5 Magic Post 5.5

Length 7mm

Unit: mm



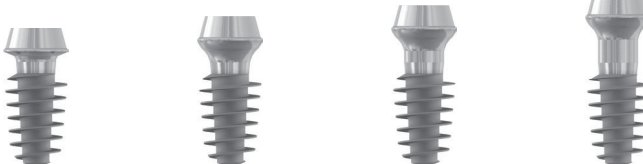
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| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5507I | 552M5507I | 553M5507I | 554M5507I |

* Special order only

Fixture 5.5 Magic Post 5.5

Length 9mm

Unit: mm

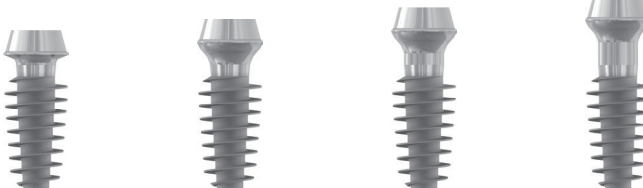


| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5509I | 552M5509I | 553M5509I | 554M5509I |

Fixture 5.5 Magic Post 5.5

Length 11mm

Unit: mm

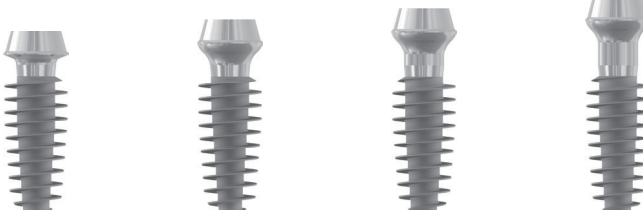


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|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5511I | 552M5511I | 553M5511I | 554M5511I |

Fixture 5.5 Magic Post 5.5

Length 13mm

Unit: mm



| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M5513I | 552M5513I | 553M5513I | 554M5513I |

MagiCore S Ø6.0

Length 7mm | 9mm | 11mm | 13mm

Magic Cuff 2mm | 3mm | 4mm | 5mm

* Scale 150%

Fixture **6.0** Magic Post **5.5** Length **7mm**



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6007I | 552M6007I | 553M6007I | 554M6007I |

* Special order only

Fixture **6.0** Magic Post **5.5** Length **9mm**



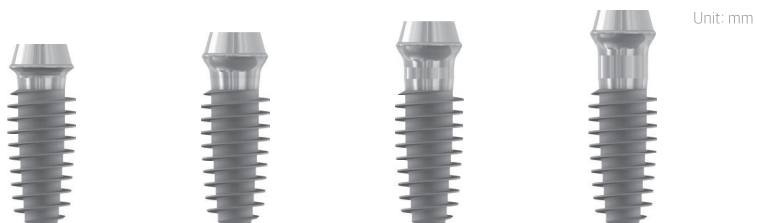
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| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6009I | 552M6009I | 553M6009I | 554M6009I |

Fixture **6.0** Magic Post **5.5** Length **11mm**



| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6011I | 552M6011I | 553M6011I | 554M6011I |

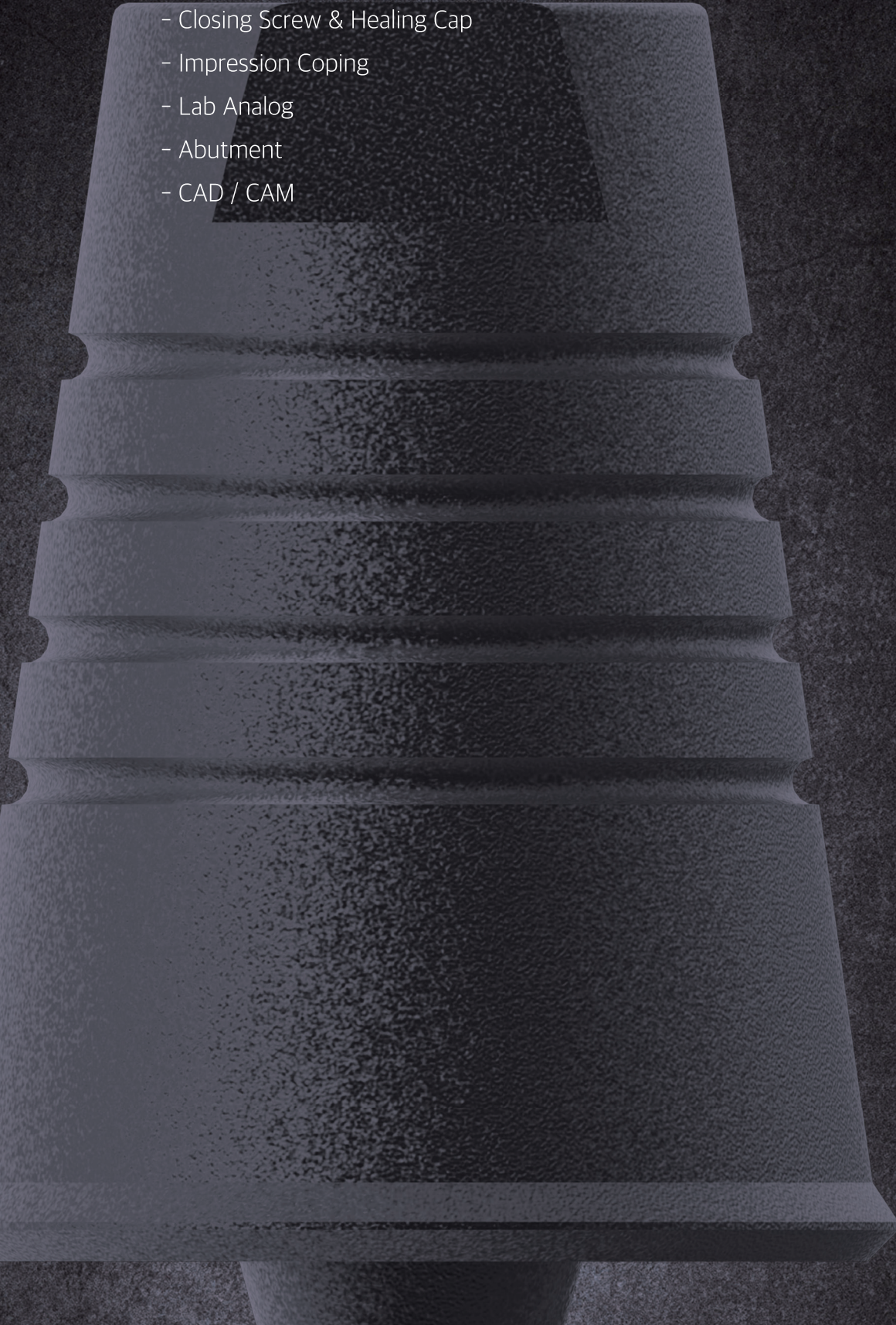
Fixture **6.0** Magic Post **5.5** Length **13mm**



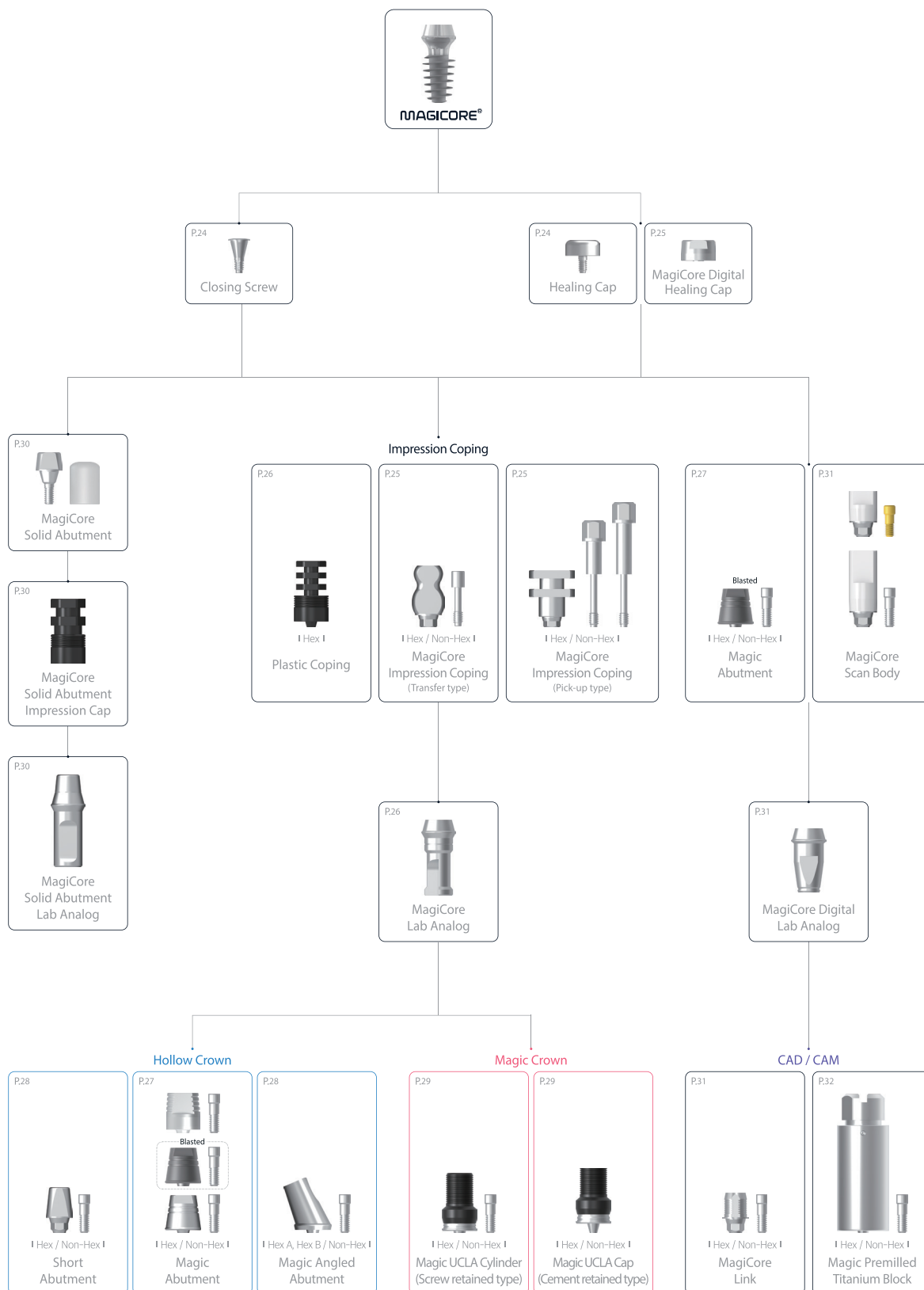
| | | | | |
|-------------------|------------------|------------------|------------------|------------------|
| Magic Cuff (Cuff) | 2 (1) | 3 (2) | 4 (3) | 5 (4) |
| Code | 551M6013I | 552M6013I | 553M6013I | 554M6013I |

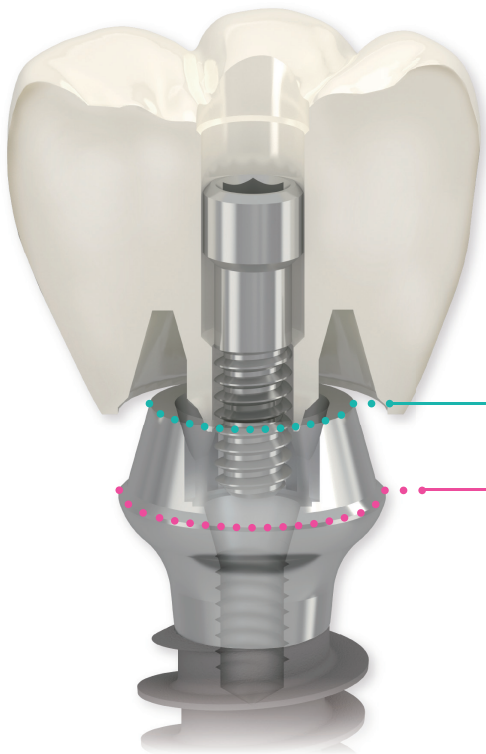
Prosthetic Components

- Closing Screw & Healing Cap
- Impression Coping
- Lab Analog
- Abutment
- CAD / CAM



MagiCore flowchart





MagiCore Architecture

Magic Post Top

Prosthetic Margin

Distance from Magic Post Top to Prosthetic Margin
 = Magic Post height
 = 2mm

Closing Screw

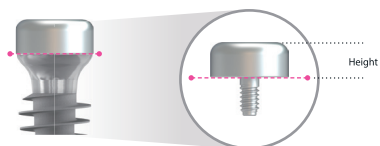


Magic Post Top

| | | |
|------------|--------------|----------------------|
| Magic Post | Ø 4.0 | Ø 4.5 / Ø 5.5 |
| Code | HISCS | HISC07 |

* Scale: 150%

Healing Cap



Prosthetic Margin

| | | | |
|------------|--|--|--|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Height | 2mm / 4mm | | |
| Code | MP CAP4.0S MP CAP4.0L | MP CAP4.5S MP CAP4.5L | MP CAP5.5S MP CAP5.5L |

* Scale: 150%

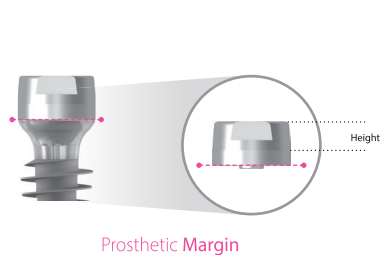


Prosthetic Margin

| | | | |
|------------|------------------|------------------|------------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Height | 4.2mm | | |
| Code | MP CAP4.0 | MP CAP4.5 | MP CAP5.5 |

* Scale: 150%

MagiCore Digital Healing Cap

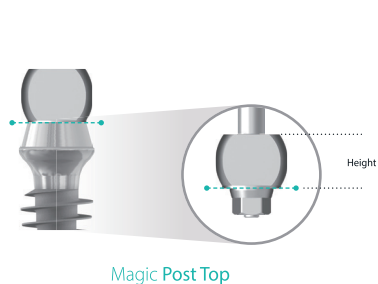


| | Ø 4.0 | Ø 4.5 | Ø 5.5 |
|------------|------------------|------------------|------------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Height | 2 mm | | |
| Code | MDHCB4002 | MDHCB4502 | MDHCB5502 |

* Scale: 150%

• Intraoral scanable.

MagiCore Impression Coping (Transfer type)

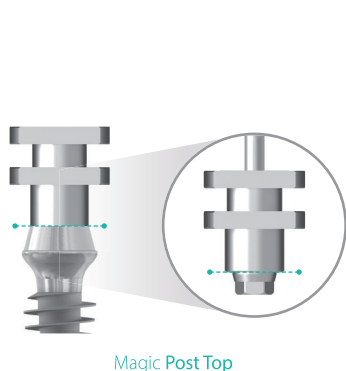


| | Ø 4.0 | Ø 4.5 | Ø 5.5 |
|------------|-----------------------------|-----------------------------|-----------------------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Height | 4 mm / 8 mm | | |
| Code | MTICH40 MTICH40L | MTICH45 MTICH45L | MTICH55 MTICH55L |

* Scale: 150%

Screw code: Ø 4.0 MTICGP40 / MTICGPL40
Ø 4.5 / Ø 5.5 MTICGP / MTICGPL

MagiCore Impression Coping (Pick-up type)

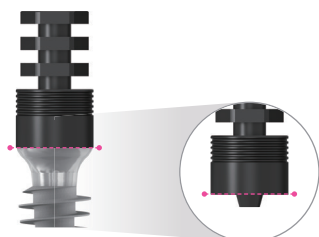


| | Ø 4.0 | Ø 4.5 | Ø 5.5 |
|------------|-----------------------------|-----------------------------|-----------------------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Height | 12 mm / 15 mm | | |
| Code | MPICH40 MPICH40L | MPICH45 MPICH45L | MPICH55 MPICH55L |

* Scale: 150%

Screw code: Ø 4.0 MPPD40 / MPPDL40
Ø 4.5 / Ø 5.5 MPPD / MPPDL

Plastic Coping



Prosthetic Margin

| | | | |
|------------|---------------|---------------|---------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Code | MFPC40 | MFPC45 | MFPC55 |

* Scale: 150%

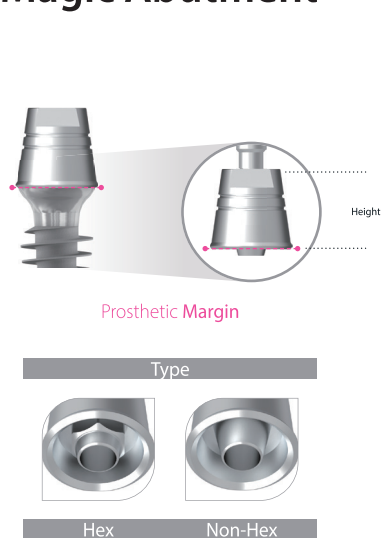
MagiCore Lab Analog



| | | | |
|------------|--------------|--------------|--------------|
| Magic Post | Ø 4.0 | Ø 4.5 | Ø 5.5 |
| Code | MPL40 | MPL45 | MPL55 |

* Scale: 150%

Magic Abutment



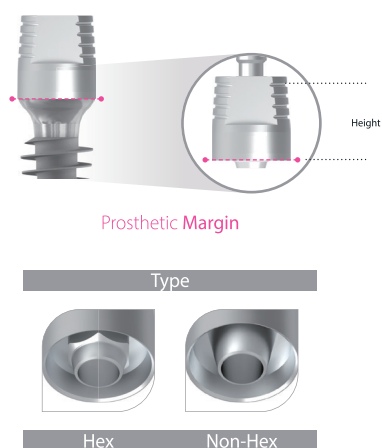
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
|--------------------|--|--|--|
| Type | Hex | | |
| Height | 4 mm / 5 mm / 6 mm / 7 mm / 8 mm | | |
| Code (Non-blasted) | SMAH4002AS SMAH4003AS SMAH4004AS SMAH4005AS SMAH4006AS | SMAH4502AS SMAH4503AS SMAH4504AS SMAH4505AS SMAH4506AS | SMAH5502AS SMAH5503AS SMAH5504AS SMAH5505AS SMAH5506AS |
| Code (Blasted) | SMAHB4002 SMAHB4003 SMAHB4004 SMAHB4005 SMAHB4006 | SMAHB4502 SMAHB4503 SMAHB4504 SMAHB4505 SMAHB4506 | SMAHB5502 SMAHB5503 SMAHB5504 SMAHB5505 SMAHB5506 |
| Type | Non-Hex | | |
| Height | 4 mm / 5 mm / 6 mm / 7 mm / 8 mm | | |
| Code (Non-blasted) | SMAN4002AS SMAN4003AS SMAN4004AS SMAN4005AS SMAN4006AS | SMAN4502AS SMAN4503AS SMAN4504AS SMAN4505AS SMAN4506AS | SMAN5502AS SMAN5503AS SMAN5504AS SMAN5505AS SMAN5506AS |
| Code (Blasted) | SMANB4002 SMANB4003 SMANB4004 SMANB4005 SMANB4006 | SMANB4502 SMANB4503 SMANB4504 SMANB4505 SMANB4506 | SMANB5502 SMANB5503 SMANB5504 SMANB5505 SMANB5506 |

* Scale: 150%

- Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.
- Intraoral scanable.

Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPSC

Magic Abutment



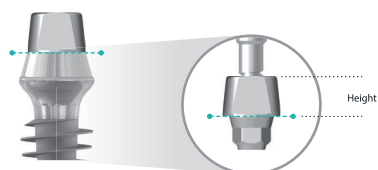
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
|------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Type | Hex | | |
| Height | 4 mm / 6 mm / 8 mm | | |
| Code | MMG2H4002 MMG2H4004 MMG2H4006 | MMG2H4502 MMG2H4504 MMG2H4506 | MMG2H5502 MMG2H5504 MMG2H5506 |
| Type | Non-Hex | | |
| Height | 4 mm / 6 mm / 8 mm | | |
| Code | MMG2N4002 MMG2N4004 MMG2N4006 | MMG2N4502 MMG2N4504 MMG2N4506 | MMG2N5502 MMG2N5504 MMG2N5506 |

* Scale: 150%

- Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.
- Intraoral scanable.

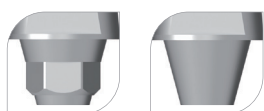
Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPSC

Short Abutment



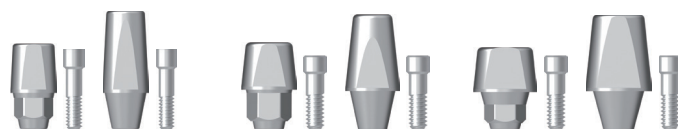
Magic Post Top

Type



Hex

Non-Hex



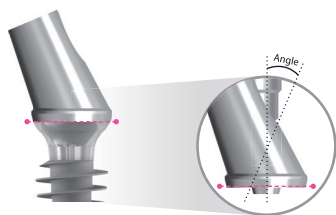
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
|------------|----------------------|----------------------|----------------------|
| Type | Hex | | |
| Height | 3 mm / 5 mm | | |
| Code | MMAH4003 MMAH4005 | MMAH4503 MMAH4505 | MMAH5503 MMAH5505 |
| Type | Non-Hex | | |
| Height | 3 mm / 5 mm | | |
| Code | MMAN4003 MMAN4005 | MMAN4503 MMAN4505 | MMAN5503 MMAN5505 |

* Scale: 150%

- Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.

Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPSC

Magic Angled Abutment



Prosthetic Margin

Type



Hex A

Hex B



Non-Hex



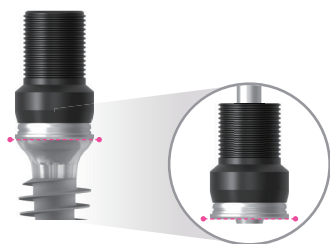
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
|------------|--------------------------|--------------------------|--------------------------|
| Type | Hex A | | |
| Angle | 15° / 23° | | |
| Code | MAAH40115A MAAH40123A | MAAH45115A MAAH45123A | MAAH55115A MAAH55123A |
| Type | Hex B | | |
| Angle | 15° / 23° | | |
| Code | MAAH40115B MAAH40123B | MAAH45115B MAAH45123B | MAAH55115B MAAH55123B |
| Type | Non-Hex | | |
| Angle | 15° / 23° | | |
| Code | MAAN40115 MAAN40123 | MAAN45115 MAAN45123 | MAAN55115 MAAN55123 |

* Scale: 150%

- Hex A type / B type: 12 types, Non Hex : 6 types

Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPSC

Magic UCLA Cylinder (Screw retained type)



Prosthetic Margin

Type



Hex

Non-Hex



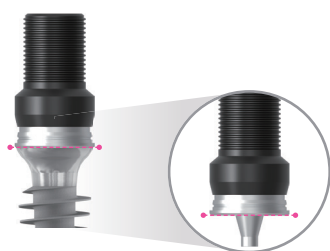
| | | | |
|------------|------------------------------|------------------------------|------------------------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Type | Hex / Non-Hex | | |
| Code | MPSR40ST MPSR40BT | MPSR45ST MPSR45BT | MPSR55ST MPSR55BT |

* Scale: 150%

- Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.

Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPCS

Magic UCLA Cap (Cement retained type)



Prosthetic Margin

Type



Hex

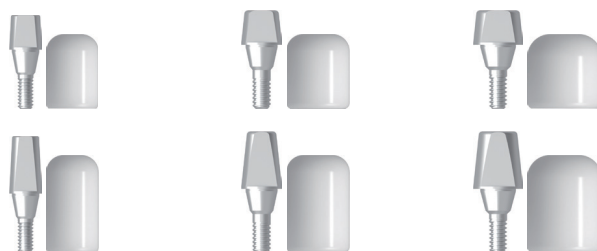
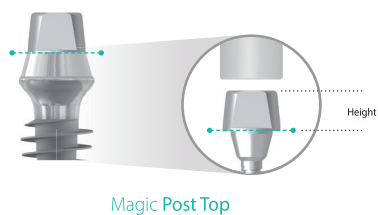
Non-Hex



| | | | |
|------------|------------------------------|------------------------------|------------------------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Type | Hex / Non-Hex | | |
| Code | MPLP40ST MPLP40BT | MPLP45ST MPLP45BT | MPLP55ST MPLP55BT |

* Scale: 150%

MagiCore Solid Abutment



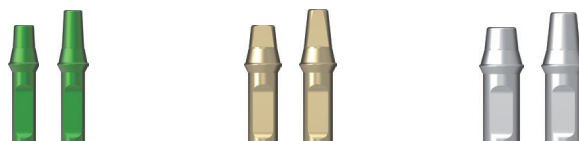
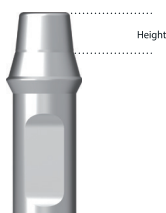
| | | | |
|------------|--------------------------|--------------------------|--------------------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Height | 3 mm / 5 mm | | |
| Code | MA4003 MA4005 | MA4503 MA4505 | MA5503 MA5505 |

* Scale: 150%

- Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.
- Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.

Cap code: Ø4.0 MA4003C / MA4005C
 Ø4.5 MA4503C / MA4505C
 Ø5.5 MA5503C / MA5505C

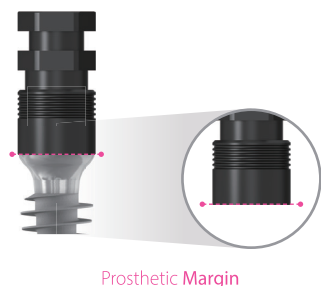
MagiCore Solid Abutment Lab Analog



| | | | |
|------------|--------------------------|--------------------------|--------------------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Height | 3 mm / 5 mm | | |
| Code | MAL403 MAL405 | MAL453 MAL455 | MAL553 MAL555 |

* Scale: 150%

MagiCore Solid Abutment Impression Cap



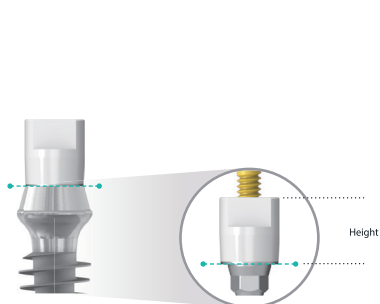
| | | | |
|------------|---------------|---------------|---------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Code | MSPC40 | MSPC45 | MSPC55 |

* Scale: 150%

Prosthetic Margin

CAD / CAM Components

MagiCore Scan Body



Magic Post Top

| | | | |
|------------|---------------|-------------------------|-------------------------|
| | | | |
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Height | 5 mm | 5 mm / 10 mm | |
| Code | MSB40M | MSB45M MSB45 | MSB55M MSB55 |

• Intraoral scanable.

* Scale: 150%

Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MSCS, MPCS

MagiCore Digital Lab Analog

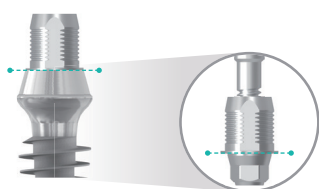


| | | | |
|------------|---------------|---------------|---------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Code | MDLA40 | MDLA45 | MDLA55 |

* Scale: 150%

• Intraoral scanable.

MagiCore Link



Magic Post Top



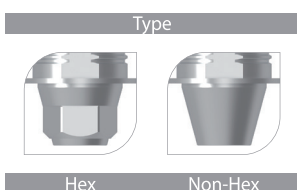
| | | | |
|------------|--------------------------|--------------------------|--------------------------|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Type | Hex / Non-Hex | | |
| Code | MLH404 MLN404 | MLH454 MLN454 | MLH554 MLN554 |

* Scale: 150%

• Ø4.0 is tightened to 15Ncm using the 1.2 Hex Driver.

• Ø4.5 and Ø5.5 are tightened to 20Ncm using the 1.2 Hex Driver.

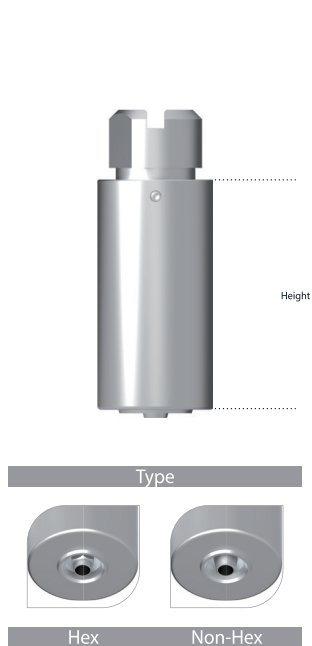
Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPCS



Hex

Non-Hex

Magic Premilled Titanium Block



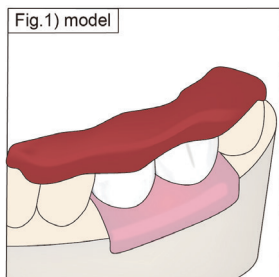
| | | | |
|-----------------|--|--|--|
| Magic Post | Ø4.0 | Ø4.5 | Ø5.5 |
| Type | Hex | | |
| Compatible with | A (ARUM) / D (MANIX) | | |
| Height | 20 mm / 19.5 mm | | |
| Code | MC40H1020A MC40H1020D | MC45H1020A MC45H1020D | MC55H1020A MC55H1020D |
| Type | Non-Hex | | |
| Compatible with | A (ARUM) / D (MANIX) | | |
| Height | 20 mm / 19.5 mm | | |
| Code | MC40N1020A MC40N1020D | MC45N1020A MC45N1020D | MC55N1020A MC55N1020D |

* Scale: 150%

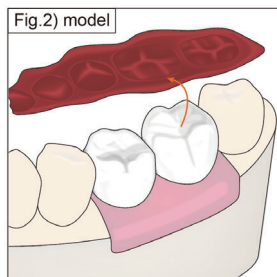
Screw code: Ø4.0 MPCSN
Ø4.5 / Ø5.5 MPCS

Checking Errors of Prostheses

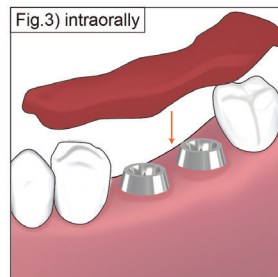
1st Step - Check for errors of model fabrication



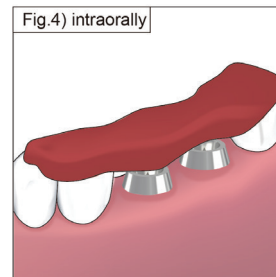
Receive model with implant jig.
(Request for jig to dental lab.)



Remove jig from model.

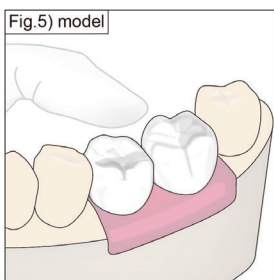


Place removed jig intraorally.

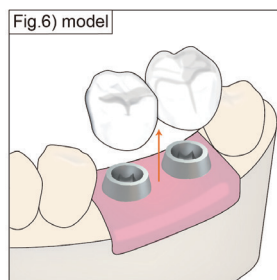


If there's an error, jig does not fit correctly. (In such cases, re-take an impression or request for refabrication of prostheses).

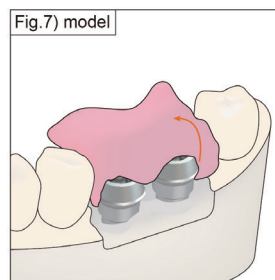
2nd Step - Check crown margin on model



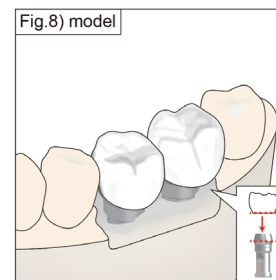
Press down the crown to make sure it does not bounce back.



Remove crown from model.

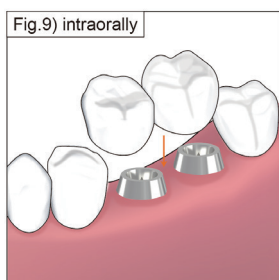


Lift soft tissue material.

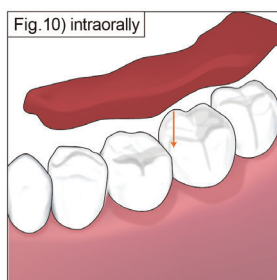


Reconnect the crown to check if the crown margin and the margin of the Lab Analog sit correctly.

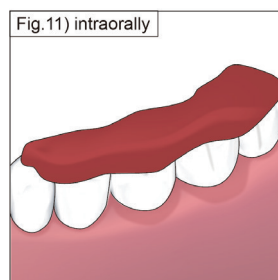
3rd Step - Checking crown intraorally



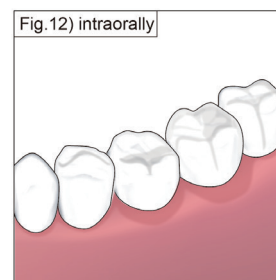
Remove crown from model and place it intraorally.



Place the jig from Fig.4 intraorally again.



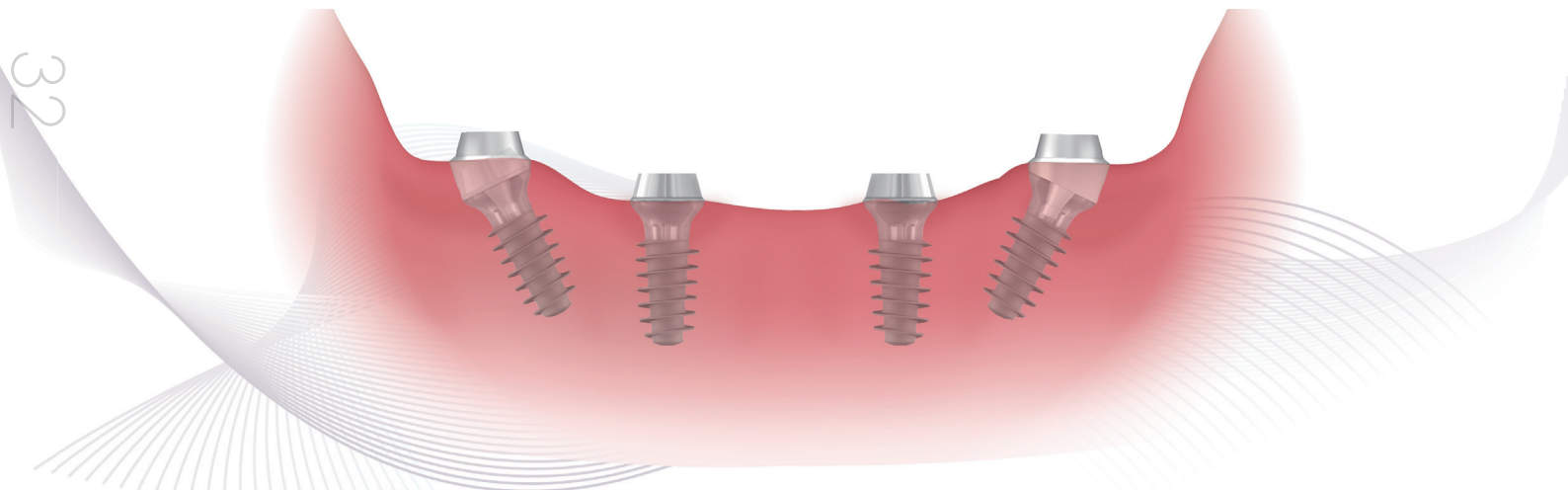
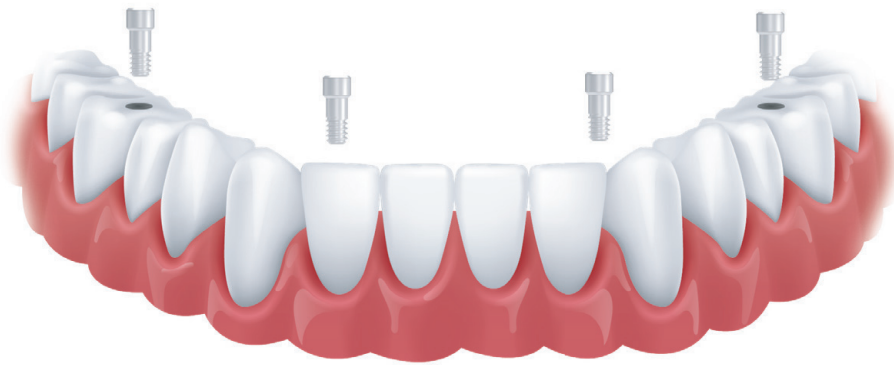
Check if jig sits correctly. (If not, request for crown refabrication.)



Completed seat.

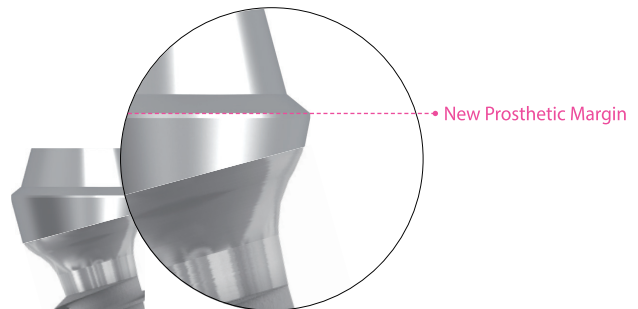
Rehabilitation of edentulous arch with
only 4 Implants.

MAGIC ALL-ON-FOUR SYSTEM

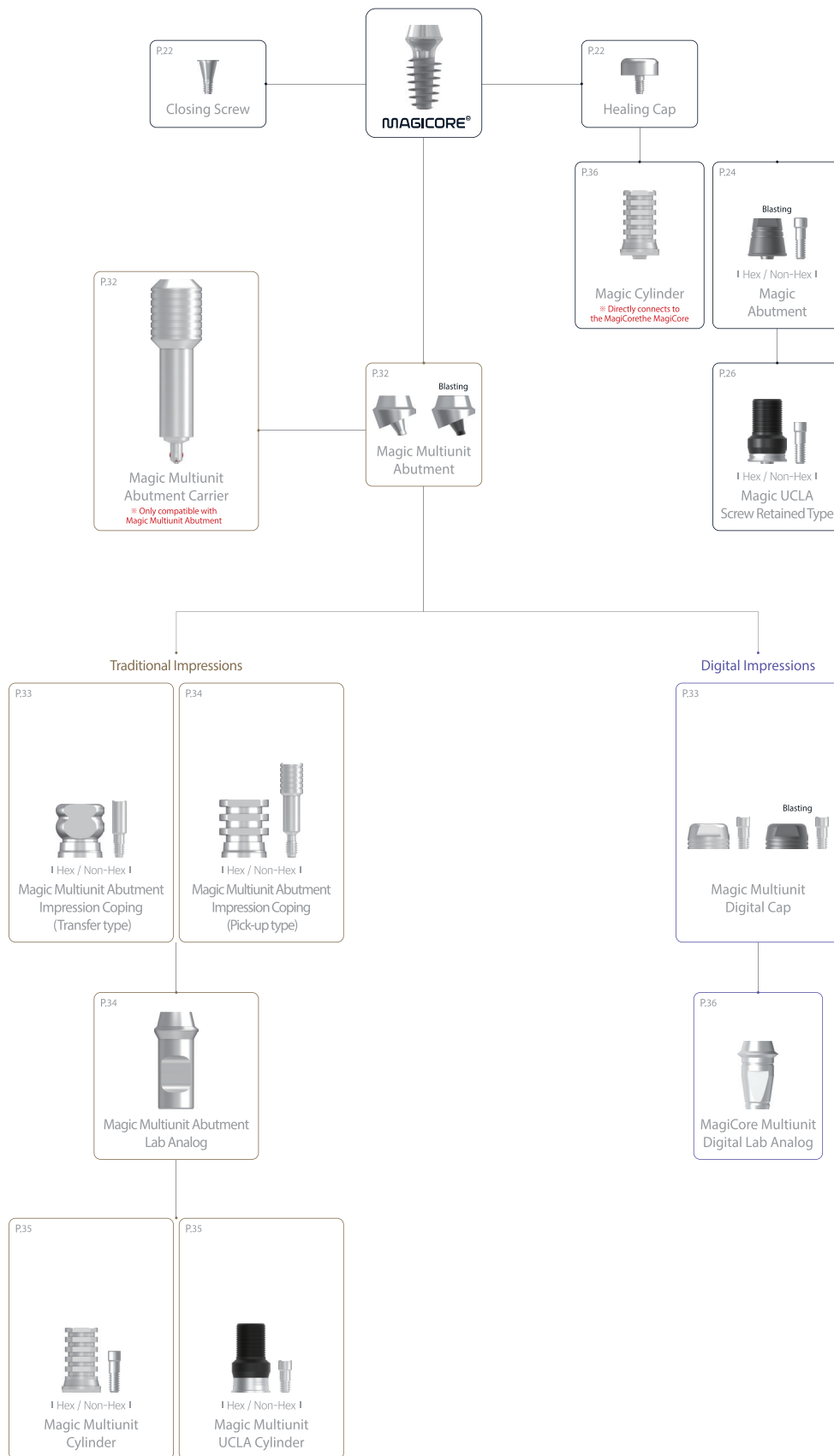


Magic Multiunit Abutment

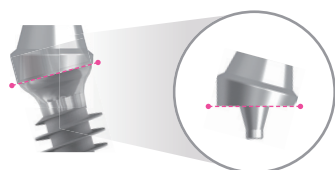
- Rest it on top of the fixture when angulation is needed.
- 5° / 10° / 15° / 20° / 25° are available.



MagiCore flowchart



Magic Multiunit Abutment



Prosthetic Margin



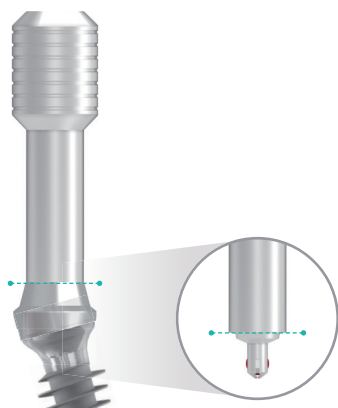
| Fixture | Ø4.0/4.5 | Ø4.5 / 5.5 |
|---------------|--|--|
| Angle | 5° / 10° / 15° / 20° / 25° | |
| Code | MACN45105B MACN45110B MACN45115B MACN45120B MACN45125B | MACN45105B MACN45110B MACN55115B MACN55120B MACN55125B |
| Blasting Code | MACNB45105 MACNB45110 MACNB45115 MACNB45120 MACNB45125 | MACNB45105 MACNB45110 MACNB55115 MACNB55120 MACNB55125 |

* Scale: 150%

Note that new prosthetic margin is provided.

- Indication:
 - Overdenture fabrication.
 - Cases requiring path modification (5°/ 10°/ 15°/ 20°/ 25° available).
- Multiunit Abutment Cement:
 - 3M: Resin Modified Glass Ionomer Cement.
 - GC: Radiopaque Reinforced Glass Ionomer Luting Cement.
- Intraoral scanable.

Magic Multiunit Abutment Carrier



Magic Multiunit Abutment Top



| | |
|------|-------------|
| Code | MMAC |
|------|-------------|

- Engage the Magic Multiunit Abutment Carrier with the groove on the top to the Magic Multiunit Abutment.
- Used for parallel alignment of Magic Multiunit Abutment angles.
- Hold the Magic Multiunit Abutment with one hand and turn the Magic Multiunit Abutment Carrier counterclockwise to remove it.

Magic Multiunit Digital Cap



Magic Multiunit Abutment
Prosthetic Margin



| | | |
|---------------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø4.5 / 5.5 |
| Code | MAHC45 | MAHC55 |
| Blasting Code | MAHCB45 | MAHCB55 |

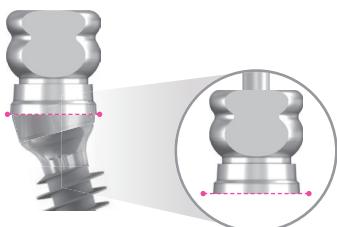
* Scale: 150%

Screw code: ATCS

- Use it when moving the Magic Multiunit Abutment.
- Intraoral scanable.
- Can be used as a Healing Cap.
- Can be used as a Scan Body.
- Can be used as a link (if denture is fabricated in zirconia).
- 4mm Magic Multiunit Abutment can be used for digital scan in the area where Magic Multiunit Digital Cap is not used.

※ Compatible with Magic Multiunit Abutment

Magic Multiunit Abutment Impression Coping (Transfer type)



Magic Multiunit Abutment
Prosthetic Margin



| | | |
|---------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø5.0 / 5.5 |
| Code | MATICN45 | MATICN55 |

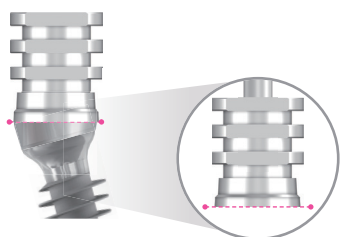
* Scale: 150%

Screw code: MATICGP

- Used with closed tray.
- Use it when moving the Magic Multiunit Abutment.
- Tightening Multiunit Abutment.
- Tighten with 1.2 Hex Driver and Torque Wrench at 5~10Ncm.
- Non-Hex type.

※ Compatible with Magic Multiunit Abutment

Magic Multiunit Abutment Impression Coping (Pick-up type)



Magic Multiunit Abutment
Prosthetic Margin



| | | |
|---------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø5.0 / 5.5 |
| Code | MAPICN45 | MAPICN55 |

* Scale: 150%

Screw code: MAPICGP

- Use with open tray.
- Use it when moving the Magic Multiunit Abutment.
- Tightening Multiunit Abutment.
- Use a 1.2 Hex Driver to tighten 5~10 Ncm or less by hand.
- Non-Hex type.

※ Compatible with Magic Multiunit Abutment

Magic Multiunit Abutment Lab Analog



| | | |
|---------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø5.0 / 5.5 |
| Code | MALA45 | MALA55 |

* Scale: 150%

- Reproduction of Magic Multiunit Abutment post.
- Used when making a model.

Difference between Magic Multiunit Abutment Lab Analog & MagiCore Lab Analog

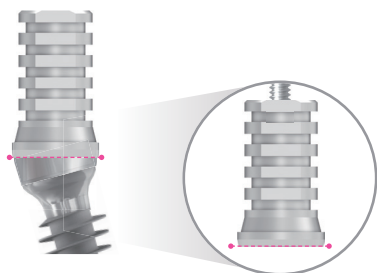


Magic Multiunit Abutment Lab Analog



MagiCore Lab Analog

Magic Multiunit Cylinder



Magic Multiunit Abutment
Prosthetic Margin



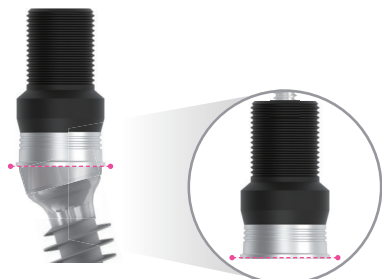
| | | |
|---------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø4.5 / 5.5 |
| Type | Non-Hex | |
| Code | MATCN45 | MATCN55 |

* Scale: 150%

Screw code: ATCS

- Use it when moving the Magic Multiunit Abutment.
 - It connects to the Magic Multiunit Abutment when using the Magic All-on-Four System.
- ※ Compatible with Magic Multiunit Abutment

Magic Multiunit UCLA Cylinder



Magic Multiunit Abutment
Prosthetic Margin



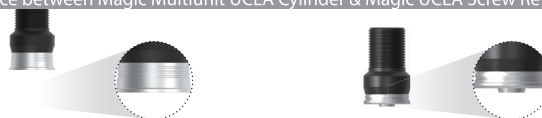
| | | |
|---------|-------------------|-------------------|
| Fixture | Ø4.0 / 4.5 | Ø5.0 / 5.5 |
| Code | MMUC45 | MMUC55 |

* Scale: 150%

Screw code: ATCS

- Used with open tray.
 - Use it when moving the Magic Multiunit Abutment.
 - It connects to the Magic Multiunit Abutment when using the Magic All-on-Four System.
- ※ Compatible with Magic Multiunit Abutment

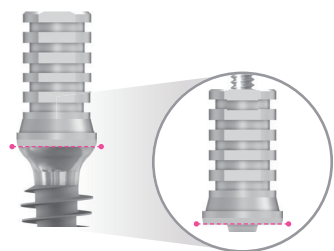
Difference between Magic Multiunit UCLA Cylinder & Magic UCLA Screw Retained Type



Magic Multiunit UCLA Cylinder

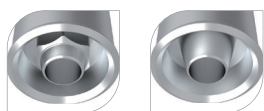
Magic UCLA Screw Retained Type

Magic Cylinder



Prosthetic Margin

Type



Hex

Non-Hex



| | | |
|---------|-----------------------|-----------------------|
| Fixture | Ø4.0/4.5 | Ø4.5/5.5 |
| Type | Hex / Non-Hex | |
| Code | MTCH45/ MTCN45 | MTCH55/ MTCN55 |

* Scale: 150%

Screw code: MPC5

- Used with closed tray.
 - If angle compensation is not necessary, fabricate MagiCore All-on-Four System directly connected to the MagiCore without using the Magic Multiunit Abutment.
- ※ Compatible with MagiCore.

MagiCore Multiunit Abutment Digital Lab Analog



| | | |
|---------|-----------------|-----------------|
| Fixture | Ø4.0/4.5 | Ø5.0/5.5 |
| Code | MMDLA45 | MMDLA55 |

* Scale: 150%

- Replica of Multiunit Abutment shape in 3D printed working models.

Difference between Magic Multiunit Abutment Digital Lab Analog & MagiCore Digital Lab Analog



Magic Multiunit Abutment Digital Lab Analog



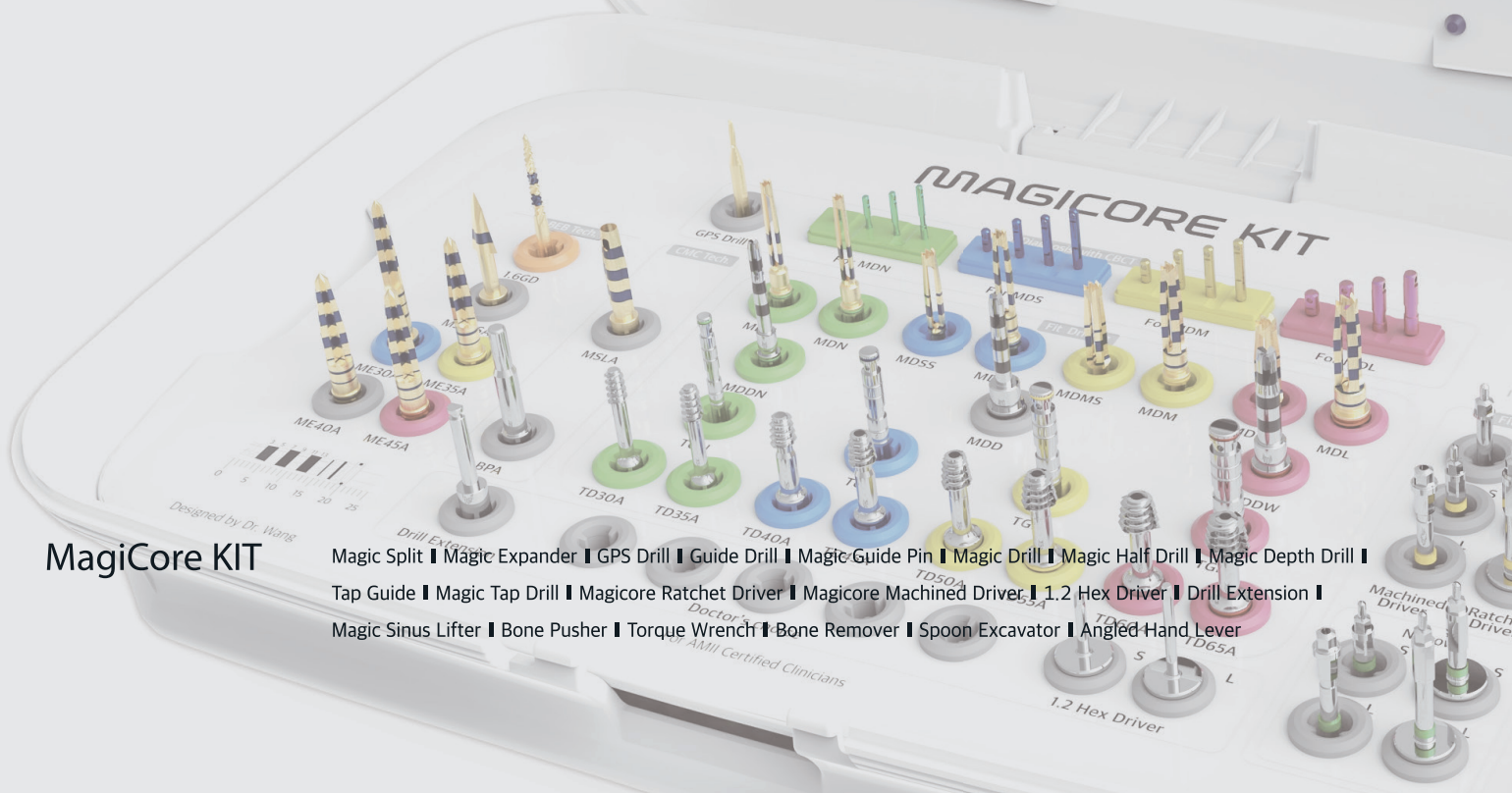
MagiCore Digital Lab Analog



MAGICORE KIT

For the Minimally Invasive Implant Surgery

Code **MCKIII**



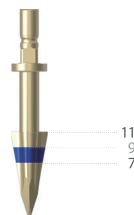
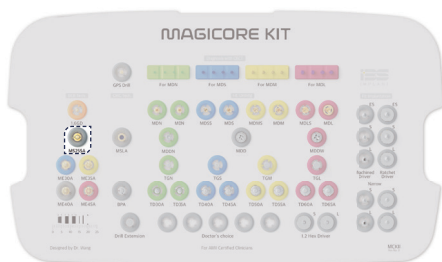
MagiCore KIT

Magic Split | Magic Expander | GPS Drill | Guide Drill | Magic Guide Pin | Magic Drill | Magic Half Drill | Magic Depth Drill | Tap Guide | Magic Tap Drill | Magiccore Ratchet Driver | Magiccore Machined Driver | 1.2 Hex Driver | Drill Extension | Magic Sinus Lifter | Bone Pusher | Torque Wrench | Bone Remover | Spoon Excavator | Angled Hand Lever

Designed by Dr. Wang

AMII Certified Clinicians

Magic Split

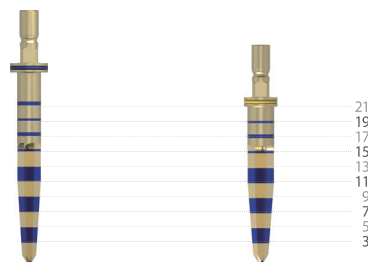


| | |
|------|---------------|
| Code | MS25SA |
|------|---------------|

Unit: mm

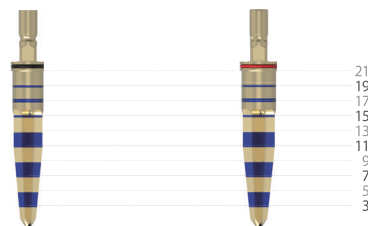
- Connects to Angled Hand Lever for tapping.
- Possible to use to determine bone quality.
- Used to form the initial hole for Magic Expander to enter during B.E.B. Expansion.

Magic Expander

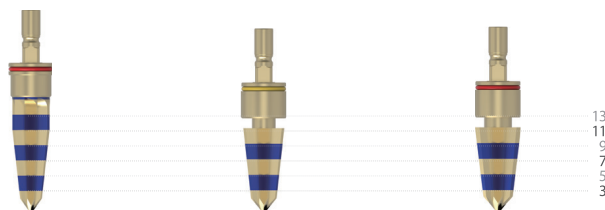


| | | |
|------|--------------|--------------|
| Code | ME30A | ME35A |
|------|--------------|--------------|

- Connects to Angled Hand Lever for tapping.
- Used for B.E.B. technique.
- Patented star-shaped design which reduces condensation forces and minimizes load to bone.



| | | |
|------|--------------|--------------|
| Code | ME40A | ME45A |
|------|--------------|--------------|



| | | | |
|------|--------------|--------------|--------------|
| | Optional | Optional | Optional |
| Code | ME48A | ME53A | ME58A |

Unit: mm



GPS Drill



| | |
|------|------------|
| Code | GDL |
|------|------------|

Unit: mm

- Used as an initial drill for Magic Guide Pin installation.
- Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm

Guide Drill



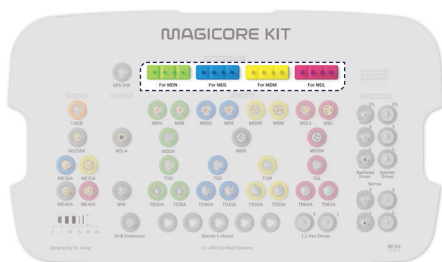
| | | |
|------|--------------|--------------|
| Code | 1.6GD | 2.8GD |
|------|--------------|--------------|

Optional

Unit: mm

- Used before using Magic Expander when applying B.E.B. Expansion.
- Used in hard cortical bone when Magic Split does not enter easily.
- Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm

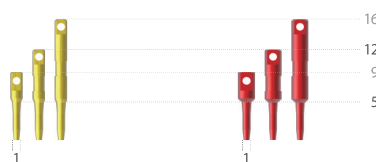
Magic Guide Pin



- Used to check the location and direction of implant placement by inserting it into a hole made with a GPS Drill.
- Used to make an accurate osteotomy by being used as an internal guide for the Magic Drill.
- Used as a landmark for CBCT.



| | | |
|------|--------------------|--------------------|
| Code | P23(S/L/EL) | P33(S/L/EL) |
|------|--------------------|--------------------|



| | | |
|------|--------------------|--------------------|
| Code | P38(S/L/EL) | P48(S/L/EL) |
|------|--------------------|--------------------|

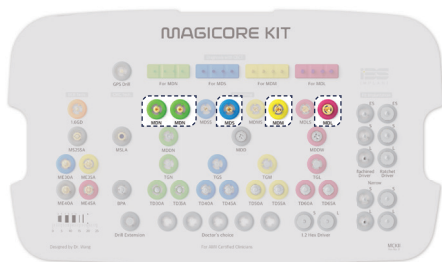
Optional

Optional

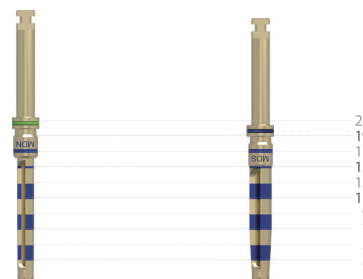
| | | |
|------|-----------------|-----------------|
| Code | P43(S/L) | P53(S/L) |
|------|-----------------|-----------------|

Unit: mm

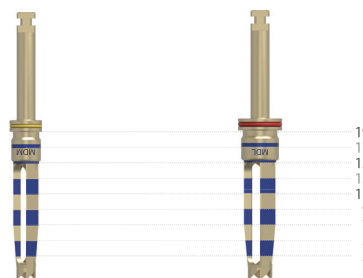
Magic Drill



- Used to form an osteotomy for the MagiCore.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill.
- Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm



| | | |
|-----------------|------------|------------|
| For fixture (D) | Ø3.0/3.5 | Ø4.0/4.5 |
| Code | MDN | MDS |



| | | |
|-----------------|------------|------------|
| For fixture (D) | Ø5.0/5.5 | Ø6.0/6.5 |
| Code | MDM | MDL |

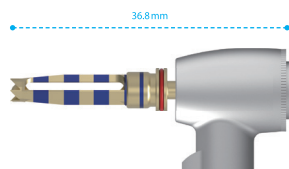
Optional

Optional

| | | |
|------|-------------|-------------|
| Code | MD43 | MD53 |
|------|-------------|-------------|

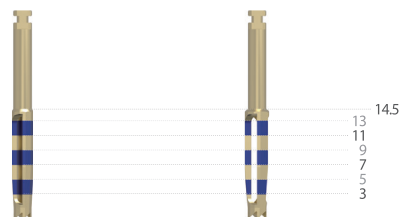
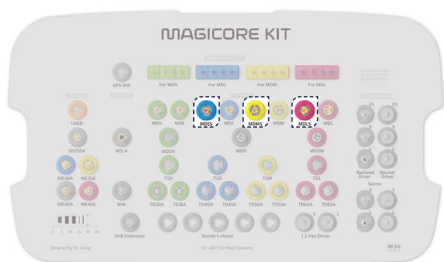
Unit: mm

Handpiece Connection Length



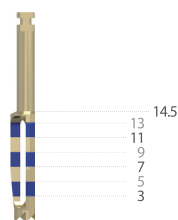
Connection Length Based on SAESHIN United.Co.,Ltd Handpiece ACLIB)

Magic Half Drill



| | | |
|-----------------|-------------|-------------|
| For fixture (D) | Ø4.0/4.5 | Ø5.0/5.5 |
| Code | MDSS | MDMS |

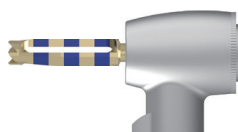
- Used to form an osteotomy for the MagiCore.
- Suitable for 1st drilling for patients with trismus.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill.
- Recommended lifetime of use : 50 uses,
Recommended drill speed : 2,000rpm



| | |
|-----------------|-------------|
| For fixture (D) | Ø6.0/6.5 |
| Code | MDLS |

Handpiece Connection Length

30.5mm



Connection Length Based on SAESHIN United.Co.,Ltd Handpiece ACL(B)

Unit: mm

Sinus Drill Optional



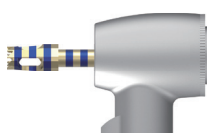
| | |
|------|-----------|
| Code | SD |
|------|-----------|

Unit: mm

- Used in trismus when forming a hole in the posterior teeth.
- Used to leave 2mm of the residual bone under the maxillary sinus before C.M.C. technique.

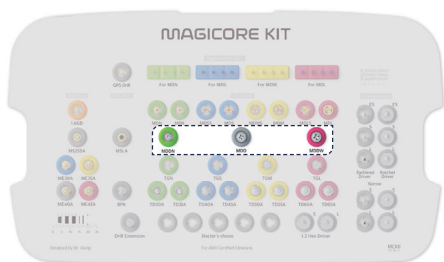
Handpiece Connection Length

26.5mm

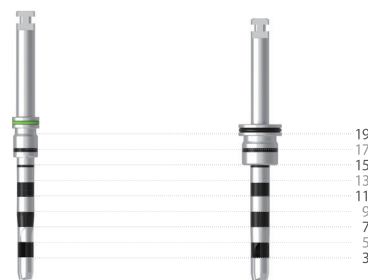


Connection Length Based on SAESHIN United.Co.,Ltd Handpiece ACL(B)

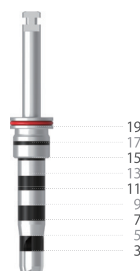
Magic Depth Drill



- Used for removing remaining bone core and confirming the final depth of osteotomy.
- Blades only exist at the tip of the drill.
- Used to check the bone quality of the bottom of the osteotomy.
- Recommended lifetime of use : 50 uses,
Recommended drill speed : 2,000rpm



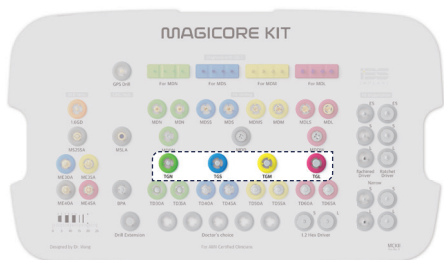
| | | |
|------|-------------|------------|
| Code | MDDN | MDD |
|------|-------------|------------|



| | |
|------|-------------|
| Code | MDDW |
|------|-------------|

Unit: mm

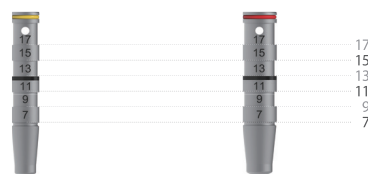
Tap Guide



- Used to check the direction and the depth of osteotomy.



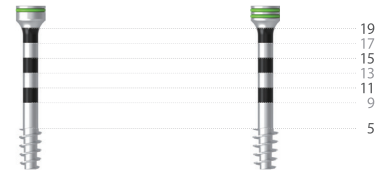
| | | |
|-------------|------------|------------|
| Magic Drill | MDN | MDS |
| Code | TGN | TGS |



| | | |
|-------------|------------|------------|
| Magic Drill | MDM | MDL |
| Code | TGM | TGL |

Unit: mm

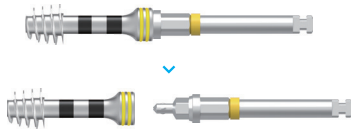
Magic Tap Drill



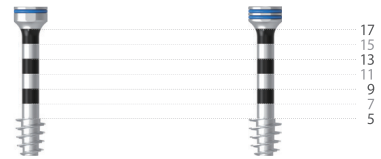
| | | |
|-----------------|--------------|--------------|
| For fixture (D) | Ø3.0 | Ø3.5 |
| Code | TD30A | TD35A |

- Used for thread preparation before MagiCore placement.
- Recommended to use extra short size fixture driver for patients with trismus.
- Recommended lifetime of use : 50 uses
- Recommended speed when checking bone quality : 20rpm, Recommended torque : 40Ncm

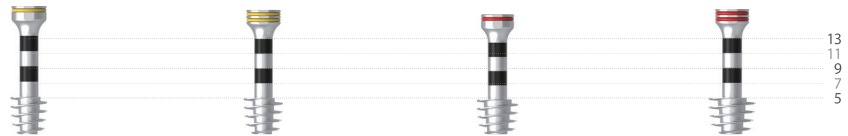
Connect to MagiCore Machined Driver



MagiCore Ratchet Driver



| | | |
|-----------------|--------------|--------------|
| For fixture (D) | Ø4.0 | Ø4.5 |
| Code | TD40A | TD45A |



| | | | | |
|-----------------|--------------|--------------|--------------|--------------|
| For fixture (D) | Ø5.0 | Ø5.5 | Ø6.0 | Ø6.5 |
| Code | TD50A | TD55A | TD60A | TD65A |

Unit: mm

Drill Extension



| | |
|------|-----------|
| Code | DE |
|------|-----------|

- Used to extend the length of the Drill.

Magic Sinus Lifter



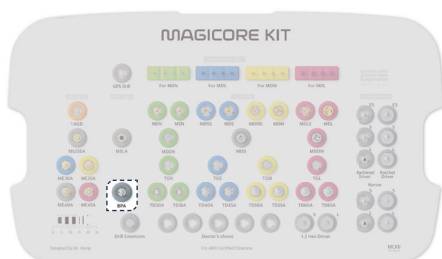
| | |
|------|-------------|
| Code | MSLA |
|------|-------------|

Unit: mm

- Used as a main instrument to perform C.M.C. technique.
- Circular blade forms a circular bone fragment in the residual bone under the sinus.
- 3mm inner hole for sinus membrane lifting holding the bone fragment.
- Designed with double side blades which act as a slowing mechanism.
- Connects to Angled Hand Lever for tapping.
- Recommended lifetime of use : 30 uses



Bone Pusher

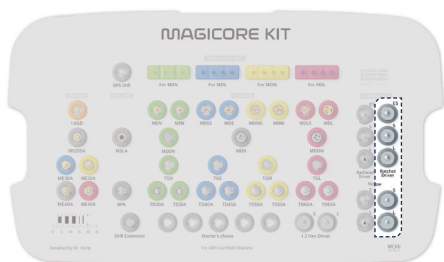


| | |
|------|------------|
| Code | BPA |
|------|------------|

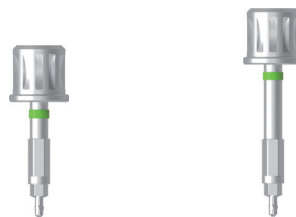
Unit: mm

- Connects to Angled Hand Lever for tapping.
- Used to distribute bone grafting material evenly into the lifted sinus area.

MagiCore Ratchet Driver



- Used with hand or connected to Torque Wrench to place MagiCore Fixture.
- Can be connected to both MagiCore and Magic Tap Drill.

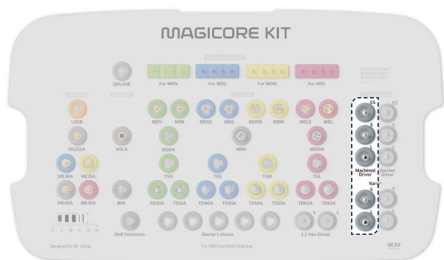


| | | |
|-----------------|---------------|---------------|
| For fixture (D) | Ø3.0 / 3.5 | |
| Height | Short | Long |
| Code | MRMDNS | MRMDNL |



| | | | |
|-----------------|------------------------------------|--------------|--------------|
| For fixture (D) | Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 | | |
| Height | Extra Short | Short | Long |
| Code | MRMDES | MRMDS | MRMDL |

MagiCore Machined Driver



- Used with handpiece to place MagiCore Fixture.
- Can be connected to Magic Tap Drill.

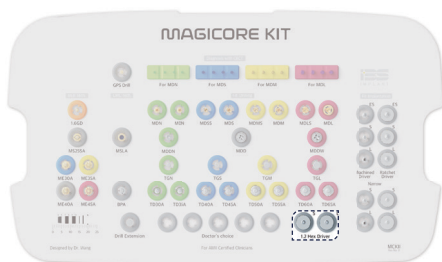


| | | |
|-----------------|---------------|---------------|
| For fixture (D) | Ø3.0 / 3.5 | |
| Height | Short | Long |
| Code | MHMDNS | MHMDNL |



| | | | |
|-----------------|------------------------------------|--------------|---------------|
| For fixture (D) | Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 | | |
| Height | Extra Short | Short | Long |
| Code | MHMDES | MHMDS | MHMDDL |

1.2 Hex Driver



- Used to tighten the Closing Screw and Abutment Screw.
- Can be connected with Torque Wrench.

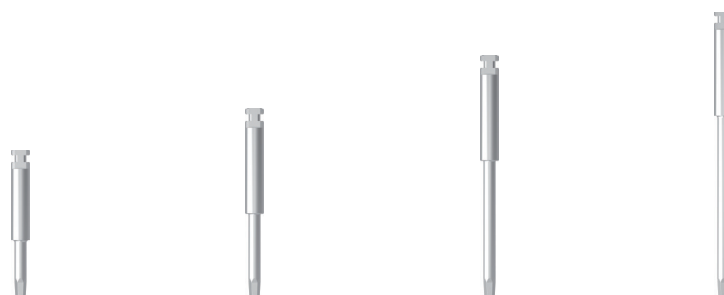


| | | |
|------|---------------|---------------|
| Code | HD1.2S | HD1.2L |
|------|---------------|---------------|



| | | |
|------|----------------|----------------|
| | Optional | Optional |
| Code | HD1.2US | HD1.2EL |

Machined 1.2 Hex Driver Optional



| | | | | |
|------|-----------------|----------------|----------------|-----------------|
| Code | MHD1.2US | MHD1.2S | MHD1.2L | MHD1.2EL |
|------|-----------------|----------------|----------------|-----------------|

- Used to tighten the Closing Screw and Abutment Screw.
- Connects to Handpiece.

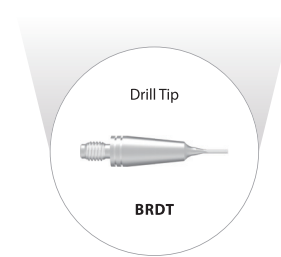
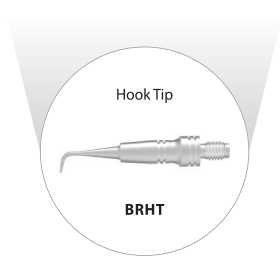
Torque Wrench



| | |
|------|------------|
| Code | TRW |
|------|------------|

- Use the bar when torque is less than 55Ncm.

Bone Remover

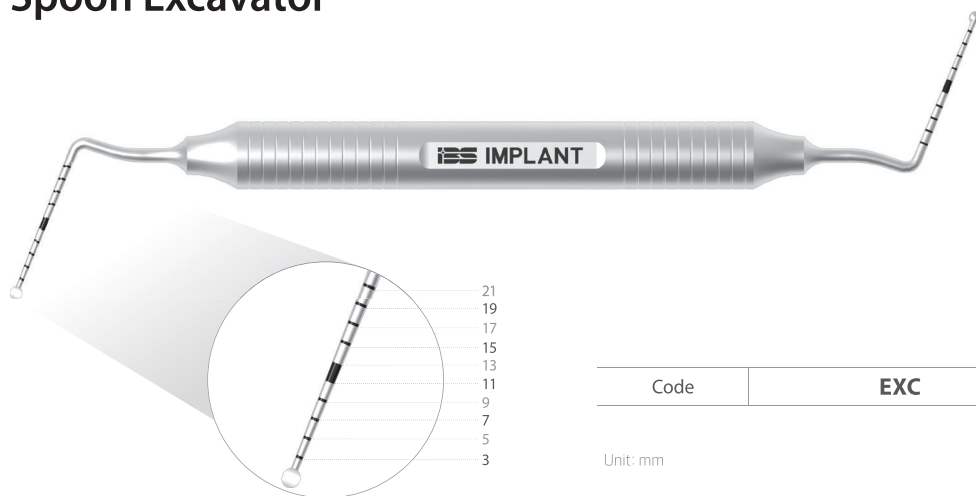


| | |
|------|-----------|
| Code | BR |
|------|-----------|

| | | |
|------------------------|-------------|-------------|
| Replacement (Optional) | BRHT | BRDT |
|------------------------|-------------|-------------|

- Used to remove bone core from Magic Drill.
- Used to remove Magic Guide Pin.

Spoon Excavator

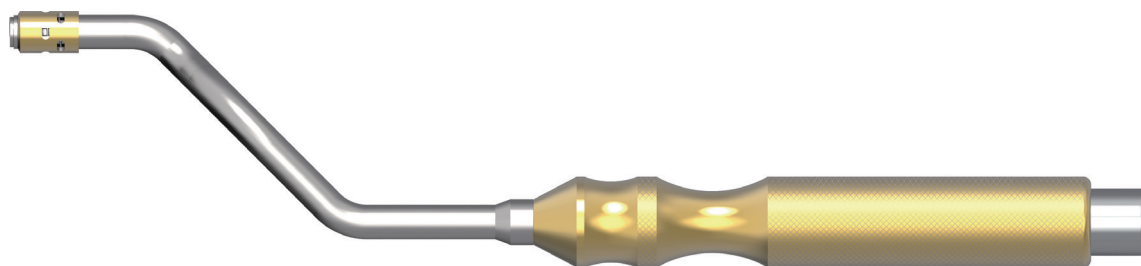


| | |
|------|------------|
| Code | EXC |
|------|------------|

Unit: mm

- Used to remove bone core.
- Laser marked to confirm depth of osteotomy.
- Used to examine the walls of osteotomy at bone sounding.

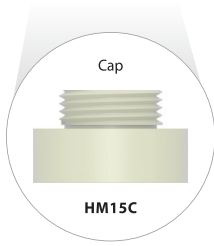
Angled Hand Lever



| | |
|------|-------------|
| Code | HLAA |
|------|-------------|

- Used as a handle connecting to tapping instruments, such as Magic Split, Magic Expander, Magic Sinus Lifter and Bone Pusher.

Magic Tapper Optional



| | |
|------------------------|--------------|
| Code | HM15 |
| Replacement (Optional) | HM15C |

• A tapping instrument used with the Angled Hand Lever.



Magic Standard KIT

Magic Standard KIT

Code **MSK**

IBS SURGICAL KIT

For the Minimally Invasive Implant Surgery

Magic Prosthetic KIT

Magic Prosthetic KIT

Code **MPK**



Magic Standard KIT

Code **MSK**



GPS Drill



| | |
|------|------------|
| Code | GDL |
|------|------------|

Unit: mm

< GDL >

- Used as an initial drill for Magic Guide Pin installation.
- Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm

< GPSL >

- Used as an initial drill for GPS Guide Pin installation.
 - Used when creating a sleeve is challenging due to adjacent tooth interference and narrow bone width.
 - In the case of using the Magic Implant Surgery System after removing the stent guide.
- Recommended lifetime of use : 50 uses, Recommended drill speed : 2,000rpm

Magic Guide Pin



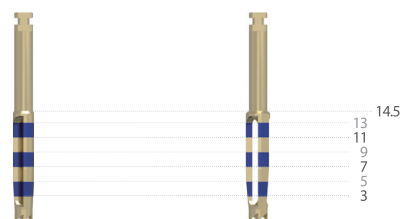
| | | |
|------|------------------|--------------------|
| Code | P23(L/EL) | P33(S/L/EL) |
|------|------------------|--------------------|

- Used to check the location and direction of implant placement by inserting it into a hole made with a GPS Drill.
- Used to make an accurate osteotomy by being used as an internal guide for the Magic Drill.
- Used as a landmark for CBCT.

Magic Half Drill



- Used to form an osteotomy for the MagiCore.
- Suitable for 1st drilling for patients with trismus.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill.
- Recommended lifetime of use : 50 uses,
Recommended drill speed : 2,000rpm



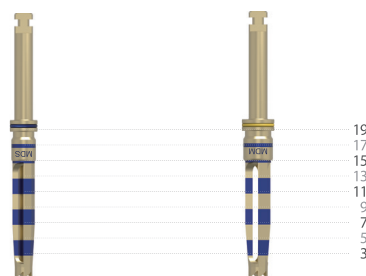
| | | |
|-----------------|-------------|-------------|
| For fixture (D) | Ø4.0/4.5 | Ø5.0/5.5 |
| Code | MDSS | MDMS |

Unit: mm

Magic Drill



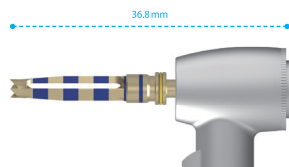
- Used to form an osteotomy for the MagiCore.
- The hollow design allows autogenous bone harvesting.
- Forming a precise circular osteotomy with just one-step drilling.
- A conventional twist drill can slide toward a relatively weak bone with a crushing concept, but slipping or over-drilling is not occurring with Magic Drill.
- Recommended lifetime of use : 50 uses,
Recommended drill speed : 2,000rpm



| | | |
|-----------------|------------|------------|
| For fixture (D) | Ø4.0/4.5 | Ø5.0/5.5 |
| Code | MDS | MDM |

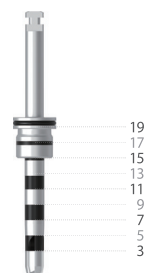
Unit: mm

Handpiece Connection Length



Connection Length Based on SAESHIN United.Co.,Ltd Handpiece ACL(B)

Magic Depth Drill



| | |
|------|------------|
| Code | MDD |
|------|------------|

Unit: mm

- Used for removing remaining bone core and confirming the final depth of osteotomy.
- Blades only exist at the tip of the drill.
- Used to check the bone quality of the bottom of the osteotomy.
- Recommended lifetime of use : 50 uses,
Recommended drill speed : 2,000rpm

Tap Guide

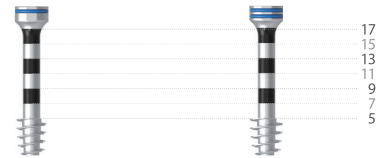
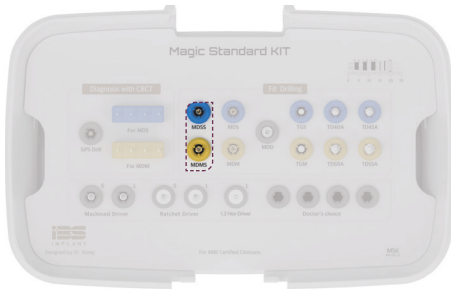


| | | |
|-------------|------------|------------|
| Magic Drill | MDS | MDM |
| Code | TGS | TGM |

Unit: mm

- Used to check the direction and the depth of osteotomy.

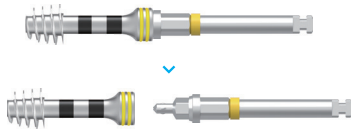
Magic Tap Drill



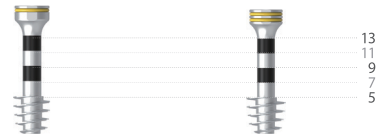
| | | |
|-----------------|--------------|--------------|
| For fixture (D) | Ø4.0 | Ø4.5 |
| Code | TD40A | TD45A |

- Used for thread preparation before MagiCore placement.
- Recommended to use extra short size fixture driver for patients with trismus.
- Recommended lifetime of use : 50 uses
- Recommended speed when checking bone quality : 20rpm, Recommended torque : 40Ncm

Connect to MagiCore Machined Driver



MagiCore Ratchet Driver



| | | |
|-----------------|--------------|--------------|
| For fixture (D) | Ø5.0 | Ø5.5 |
| Code | TD50A | TD55A |

Unit: mm

1.2 Hex Driver



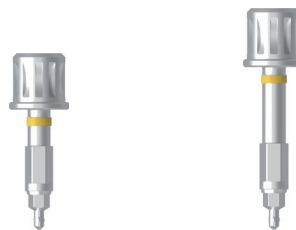
| | |
|------|---------------|
| Code | HD1.2L |
|------|---------------|

- Used to tighten the Closing Screw and Abutment Screw.
- Can be connected with Torque Wrench.

MagiCore Ratchet Driver



- Used with hand or connected to Torque Wrench to place MagiCore Fixture.
- Can be connected to both MagiCore and Magic Tap Drill.

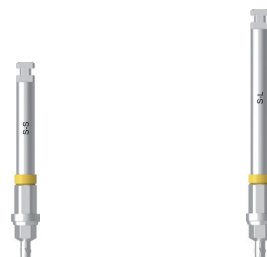


| | | |
|-----------------|------------------------------------|--------------|
| For fixture (D) | Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 | |
| Height | Short | Long |
| Code | MRMDS | MRMDL |

MagiCore Machined Driver



- Used with handpiece to place MagiCore Fixture.
- Can be connected to Magic Tap Drill.



| | | |
|-----------------|------------------------------------|--------------|
| For fixture (D) | Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 | |
| Height | Short | Long |
| Code | MHMDS | MHMDL |

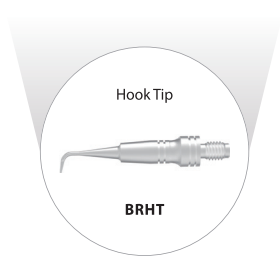
Torque Wrench



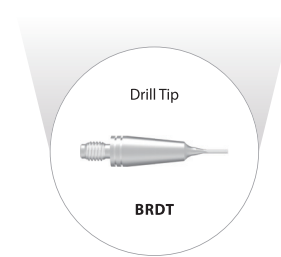
| | |
|------|------------|
| Code | TRW |
|------|------------|

- Use the bar when torque is less than 55Ncm.

Bone Remover



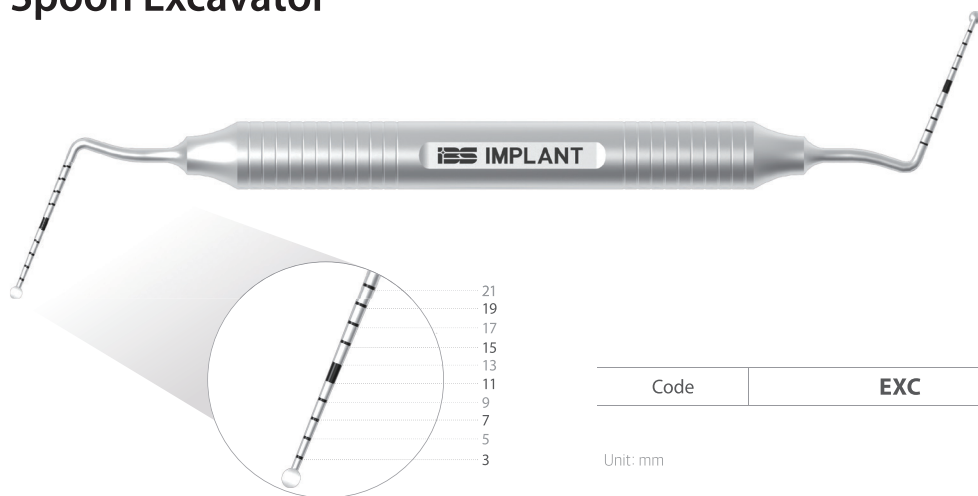
| | |
|------|-----------|
| Code | BR |
|------|-----------|



| | | |
|------------------------|-------------|-------------|
| Replacement (Optional) | BRHT | BRDT |
|------------------------|-------------|-------------|

- Used to remove bone core from Magic Drill.
- Used to remove Magic Guide Pin.

Spoon Excavator



| | |
|------|------------|
| Code | EXC |
|------|------------|

Unit: mm

- Used to remove bone core.
- Laser marked to confirm depth of osteotomy.
- Used to examine the walls of osteotomy at bone sounding.

Magic Prosthetic KIT

Code **MPK**



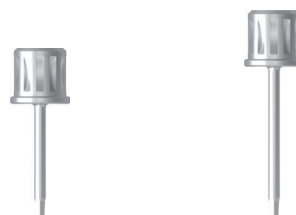
1.2 Hex Driver



- Used to tighten the Closing Screw and Abutment Screw.
- Can be connected with Torque Wrench.

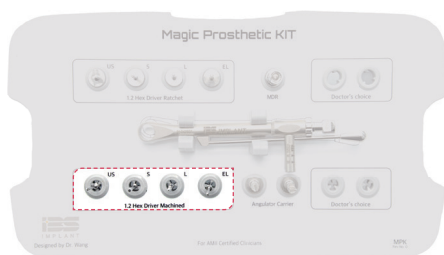


| | | |
|------|----------------|---------------|
| Code | HD1.2US | HD1.2S |
|------|----------------|---------------|



| | | |
|------|---------------|----------------|
| Code | HD1.2L | HD1.2EL |
|------|---------------|----------------|

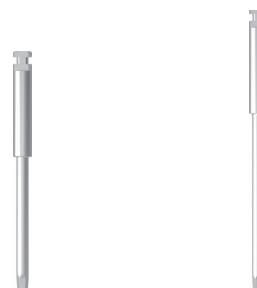
Machined 1.2 Hex Driver



- Used to tighten the Closing Screw and Abutment Screw.
- Connects to Handpiece.



| | | |
|------|-----------------|----------------|
| Code | MHD1.2US | MHD1.2S |
|------|-----------------|----------------|



| | | |
|------|----------------|-----------------|
| Code | MHD1.2L | MHD1.2EL |
|------|----------------|-----------------|

Magic Motion Driver



| | |
|------|------------|
| Code | MDR |
|------|------------|

- Used when connecting Magic Motion to the placed Fixture or removing connected Magic Motion.
- Recommended torque : 25Ncm

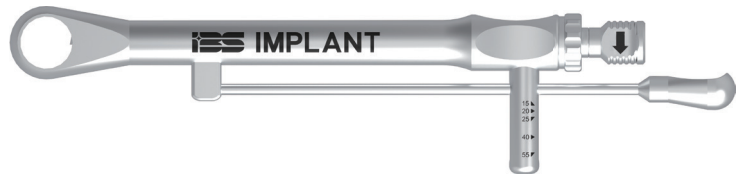
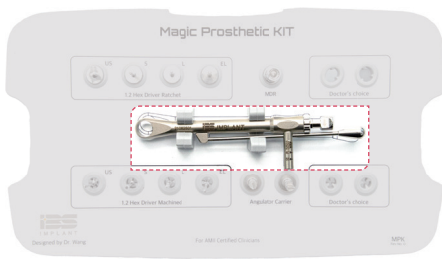
Angulator Carrier



| | |
|------|--------------|
| Code | MGPAH |
|------|--------------|

- Used to connect Positioner Angulator to Positioner Base and adjust angle.
- Connects to Positioner Angulator for holding, moving and connecting.
- The slot part is used when correcting the direction vertically to the occlusal surface after connecting Positioner Angulator to Positioner Base.

Torque Wrench



| | |
|------|------------|
| Code | TRW |
|------|------------|

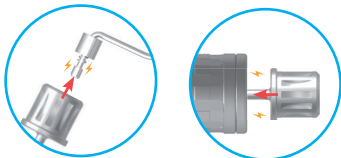
- Use the bar when torque is less than 55Ncm.

Magic Holder

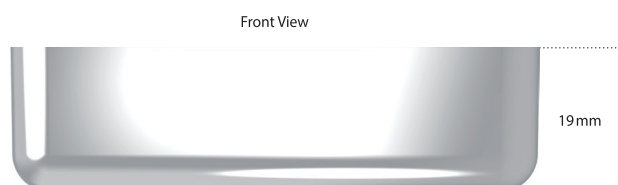
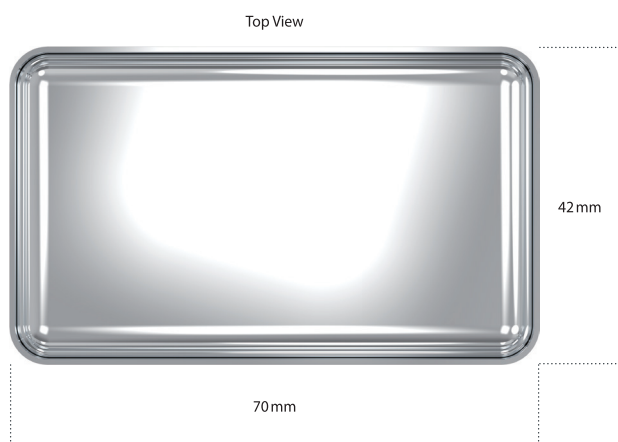


| | |
|------|-----------|
| Code | MH |
|------|-----------|

- Used to hold Driver of IBS IMPLANT and of other companies.
- Prevent Hex Driver from being dropped when moved.
- Used to turn the Hex Driver easily by holding the back part.
- The opposite side can store other types of Hex Drivers using extra magnets and grooves.
- How to fasten the driver



KIT Bowl



| | |
|------|---------------|
| Code | KB7042 |
|------|---------------|

- Used to temporarily store Drills and surgical tools used during surgery.
- Made of Stainless Steel.

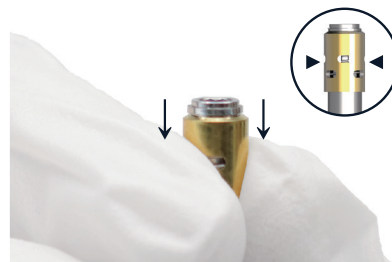
Management of Instruments

■ Instructions for connecting tapping instruments to the Hand Lever

01 Take Angled Hand Lever out of the Kit and hold the handle of the lever.



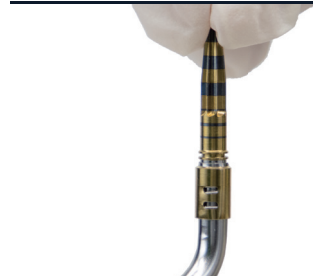
02 Pull the cover downwards to enable tapping instrument to connect to the lever.



03 Return the cover to its original position.



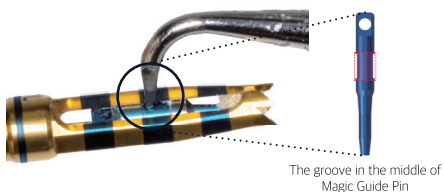
04 Make sure the instrument is securely fastened to the connection.



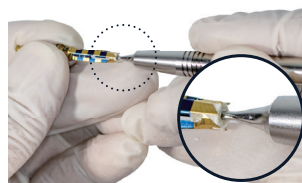
■ User's Guide for Bone Remover

After 1st body preparation

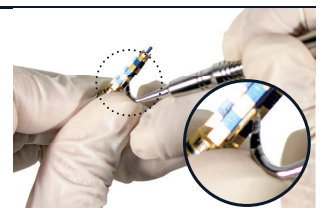
01 Remove Magic Guide Pin by anchoring the Hook Tip to the groove in the middle of Magic Guide Pin.



02 In case of failure in step 1, push the Magic Guide Pin into the Magic Drill with Drill Tip after removing soft tissue.



03 Then remove Magic Guide Pin by anchoring the Hook Tip to the groove in the middle of Magic Guide Pin.



■ Guidelines

Cleaning / Drying

- Cleaning is essential to prevent patient's infection and to maintain product performance.
 - Clean right after use.
 - It is recommended to soak in saline during surgery, after use and before cleaning to prevent blood clotting and contamination.
 - Make sure to remove blood and foreign substances with distilled water, alcohol, or detergent.
 - While cleaning, use a soft cloth, a brush, or an ultrasonic cleaning machine to avoid damaging the instrument.
 - It is recommended to use an individual stand to prevent damage to the drill blade when using the ultrasonic cleaning machine.
 - It is recommended to regularly clean all surgical instruments and kits that have not been used.
- It is prohibited to use detergents which contain the following ingredients.

| Material | Product | Prohibited ingredients |
|-----------------|------------------------|--|
| Stainless Steel | Most of Instruments | Chlorine, Oxalic acid, H ₂ O ₂ |
| Titanium | Magic Guide Pin | Chlorine, H ₂ O ₂ , Nitric acid, Sulfuric acid, Oxalic acid |
| Plastic | KIT case, Magic Tapper | Alcohols, Ethers, Ketones and benzines, H ₂ O ₂ , Aldehyde, Chlorine, Iodine and Bromine |

※ Corrosion or malfunction may occur if the following precautions are not met.

| Product name (Code) | Precautions |
|-------------------------|--|
| Magic Drill | Clean the instruments after removing foreign substances such as bones or bloodstains inside the Drill after use |
| Bone Remover(BR) | Make sure to disassemble and clean after use. |
| Torque Wrench(TRW) | |
| Angled Hand Lever(HLAA) | Perform ultrasonic cleaning for more than 3 minutes after detachment of instrument from Angled Hand Lever after use. |

Sterilization

- Sterilize according to the autoclave sterilization method guided by IBS IMPLANT.
(Follow the drying time to prevent corrosion due to remaining moisture after the autoclave sterilization)
 - After cleaning the instruments, let them completely dry.
 - Perform wet sterilization according to the sterilization method.



| No | Sterilization method | Sterilization temperature | Sterilization time | Drying time |
|----|----------------------|---------------------------|--------------------|-------------|
| 1 | Pre-Vacuum type | 132°C | 8min | 30min |
| 2 | Gravity type | 132°C | 15min | 30min |

- Follow the drying time for drying completely to prevent corrosion caused by remaining moisture.

Storage

- Store in a place free from moisture and contamination.
- Sterilize in the autoclave before use.

Management

- Make sure not to drop or impact to prevent blade part from deformation or breakage.
- Remove the remaining bone fragments and bloodstains after use to prevent corrosion.
- Be cautious of sharp blades.

■ Packing system to prevent foreign object contamination by preventing all contact

01



Hold the bottom part by hand and press the bump.

02



03



Check if the MagiCore Ratchet Driver is connected appropriately by slightly turning it. Then remove the fixture by applying gentle force through the open gap.

04

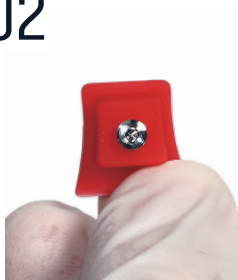


■ Location of Cover Screw

01



02



03



04



- It must be done in sterilized area.
- Turn it counterclockwise with a 1.2 Hex Driver to remove.
- Check if it is connected appropriately with the driver, and deliver it intraorally.



Product Catalog



It's time to choose.
Your choice will lead to the new future.



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INNOBIOSURG OF AMERICA



INNOBIOSURG OF EUROPE



INNOBIOSURG OF CHINA



INNOBIOSURG OF VIETNAM

| | | | | | | |
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| Czech Republic | Greece | Hungary | India | Iran | Kuwait | Egypt |
| Pakistan | Serbia | Germany | United Kingdom | Italy | Jordan | Japan |
| Mexico | Thailand | Tunisia | Bahrain | Netherlands | Portugal | Finland |
| Hong Kong | Austria | Mongolia | Denmark | Guatemala | Albania | Iceland |
| Philippines | Australia | Morocco | Canada | Bangladesh | Colombia | Syria |
| Dominican Republic | United Arab Emirates | Republic of the Union of Myanmar | | | | |

