

NEW PRODUCT

III. Overdenture Prosthesis

1. MegaGen Overdenture System

Meg-Loc

Compatible with products L and K, excellent functionality, & incomparable price!

Combination of Titanium housing and Pekkton (reinforced plastic) creates low water solubility and higher wear resistance and durability than other existing products.

Retention insert offers wide range of retention forces (600gf, 1200gf, 1800gf) to suit each patient, resulting in high level of satisfaction for both patient and dentist. Strong physical properties of Pekkton and insert gap increase elasticity, so that insert does not tear or break unlike conventional nylon products, thereby ensuring strong retention and longer life.



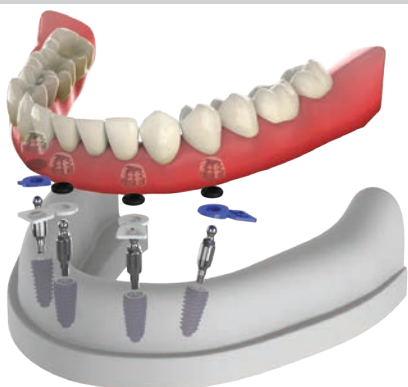
Meg-Ball

Smallest housing, retentive ring with longer life!

Even when the implant angle is not parallel, a stable denture can still be produced!

Compatible with other products with Ø2.25 head size, minimized patient inconvenience due to small-size housing, simpler to arrange artificial teeth as space occupied by denture is reduced, and easier to maintain than other systems. Retentive ring has a high elasticity, abrasion resistance, and durability, thereby doubling the length of life when compared to a silicone O-ring and guaranteeing a longer life than NBR products.

Positioner (0/5/10/15 degrees) maintains parallel housing direction, even with distorted implant placement angle, ensuring denture stability.



Meg-Magnet

**Designed to maintain stable and sufficient magnetic force!
Completely blocks bursts and corrosion resistant!**

Structure is connected with abutment using magnetic force, which is feasible even with insufficient bone volume or poor bone quality. Easy to attach and detach, and minimal inflammation.

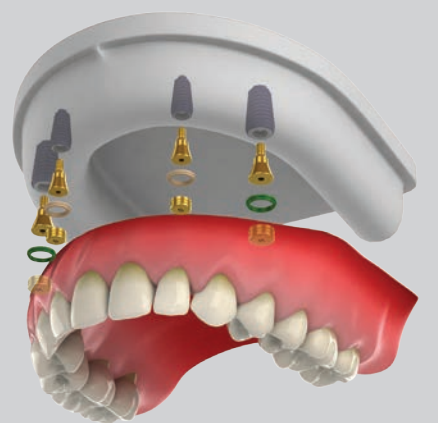
Magnet of Ø4.5 & Ø5.0 is compatible with other products, and laser marking on upper part makes it easy to distinguish between up and down.

Sufficient magnetic force (450gf, 650gf) ensures stable retention

Laser sealing blocks any bursting phenomenon.

TiN coating provides corrosion resistance.

Positioner (small & regular) prevents magnet from slipping in the mouth and stops any flow of impression materials under the abutment.



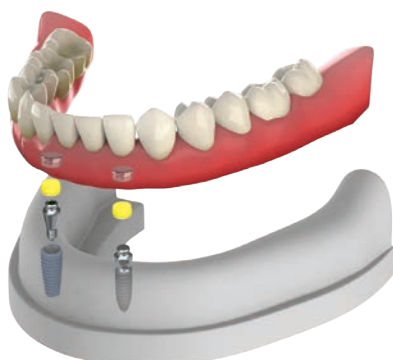
Meg-Rhein

Can compensate for tilted implant placement angle up to 50 °.

Combined head and housing structure is smallest on the market.

Retentive cap is based on Italian technology and has uniform physical properties. Various retention forces (600gf, 1200gf, 1800gf, 2700gf) classified by color can be selected according to each patient.

Dynamic housing with double structure enables tilting to 25 ° angle, allowing stable denture even when with distorted implant placement angle.



III. Overdenture Prosthesis

2. Meg-Loc Abutment & Component



Meg-Loc Metal Housing set



Block-out Spacer



Meg-Loc Abutment



►► Meg-Loc Overdenture System

Advantages

Easy compatibility

Compatible with Product L and Product K (same specifications)

Better abrasion resistance and durability

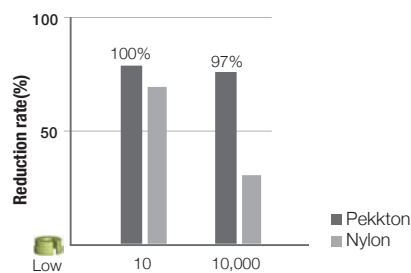
Combination of Titanium housing and reinforced plastic (Pekkton) provides low water solubility and high resistance, making it superior in abrasion resistance and durability compared to existing products.

Water Sorption Test

Property	Meg-Loc (Pekkton)	Product L	Unit
Water Sorption	8.7	93.5	µg/mm ³

Stronger retention and longer life

Strong physical properties of Pekkton and gap in insert increase the elasticity, preventing the insert from being torn or broken unlike existing nylon products, even when angle does not match when attaching & removing denture.



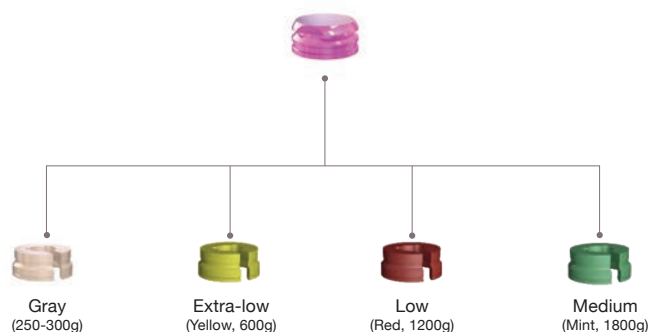
Easy to use

High resistance to plaque and easy cleaning
Easy replacement of retention insert

Tilting Angle



Various Retentive Caps of the Meg-Loc

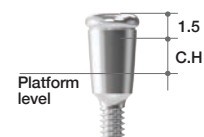


➔ Meg-Loc Overdenture System

Meg-Loc Abutment

- Angle compensation to one side 20 °
(both sides 40 °)
- Gently rounded shape
- Compatible with 1.2 Hex Driver
- Recommend torque : 35Ncm

Cuff Height (mm)	Ref.C
0	MLAR00
1.0	MLAR01
2.0	MLAR02
3.0	MLAR03
4.0	MLAR04
5.0	MLAR05
6.0	MLAR06



Meg-Loc Package

- 1 Meg-Loc Abutment

* Following package items are delivered with San DreMetto Korea packaging.

- 1 Titanium Housing
- 1 Block Out Spacer
- 4 Pekkton Retention Inserts
(Gray-250~300gf(for lab), Yellow-600gf,
Red-1200gf, Mint-1800gf)

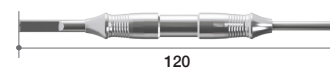
Cuff Height (mm)	Ref.C
0	MLAR00P
1.0	MLAR01P
2.0	MLAR02P
3.0	MLAR03P
4.0	MLAR04P
5.0	MLAR05P
6.0	MLAR06P



Multi Tool

- Retention Insert Insertion & Removal Tool

Ref.C
MLMT



III. Overdenture Prosthesis

3. Meg-Ball Abutment & Component



►► Meg-Ball Overdenture System

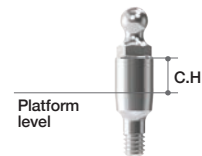
<p>Advantages</p> <p>Easy compatibility</p> <p>Smallest Housing</p> <p>Double length of life</p> <p>Stable denture even when implant placement angle is distorted</p>	<div data-bbox="686 582 742 694"> <p>Ø2.25</p> </div> <p>Ø2.25 head size for easy compatibility with other products</p> <div data-bbox="678 772 750 862"> <p>Ø5</p> </div> <p>Metal Housing</p> <p>Small housing minimizes patient inconvenience, facilitates arrangement of artificial teeth by reducing space occupied by denture, and is easier to maintain than other systems.</p> <div data-bbox="686 1008 750 1052"> </div> <p>Retentive Ring</p> <p>High elasticity, abrasion resistance, and durability doubles the length of life when compared with silicone O-ring and guarantees longer life than NBR products.</p> <p>Positioner (0/5/10/15 degrees) maintains parallel housing direction even when angle of implant placement is distorted, ensuring denture stability</p> <div data-bbox="702 1321 1356 1500"> <p>0° 5° 10° 15°</p> </div>
<p>Tilting Angle</p>	<div data-bbox="845 1724 1197 2060"> <p>30°</p> </div>

➔ Meg-Ball Overdenture System

Meg-Ball Abutment

- Angle compensation to one side 15 ° (both sides 30 °)
- Ø2.25 Ball shape
- Recommend torque : 35Ncm

Cuff Height (mm)	Ref.C
0	MBAR00
1.0	MBAR10
2.0	MBAR20
3.0	MBAR30
4.0	MBAR40
5.0	MBAR50
6.0	MBAR60



Meg-Ball Package

- Composed of Meg-Ball Abutment/ Metal Housing Set/ Housing Positioner (0°,5°,10°,15°)

Cuff Height (mm)	Ref.C
0	MBAR00P
1.0	MBAR10P
2.0	MBAR20P
3.0	MBAR30P
4.0	MBAR40P
5.0	MBAR50P
6.0	MBAR60P



Meg-Ball Metal Housing Set

- 1 Metal Housing
- 1 Retentive Ring

Ref.C
MBHR



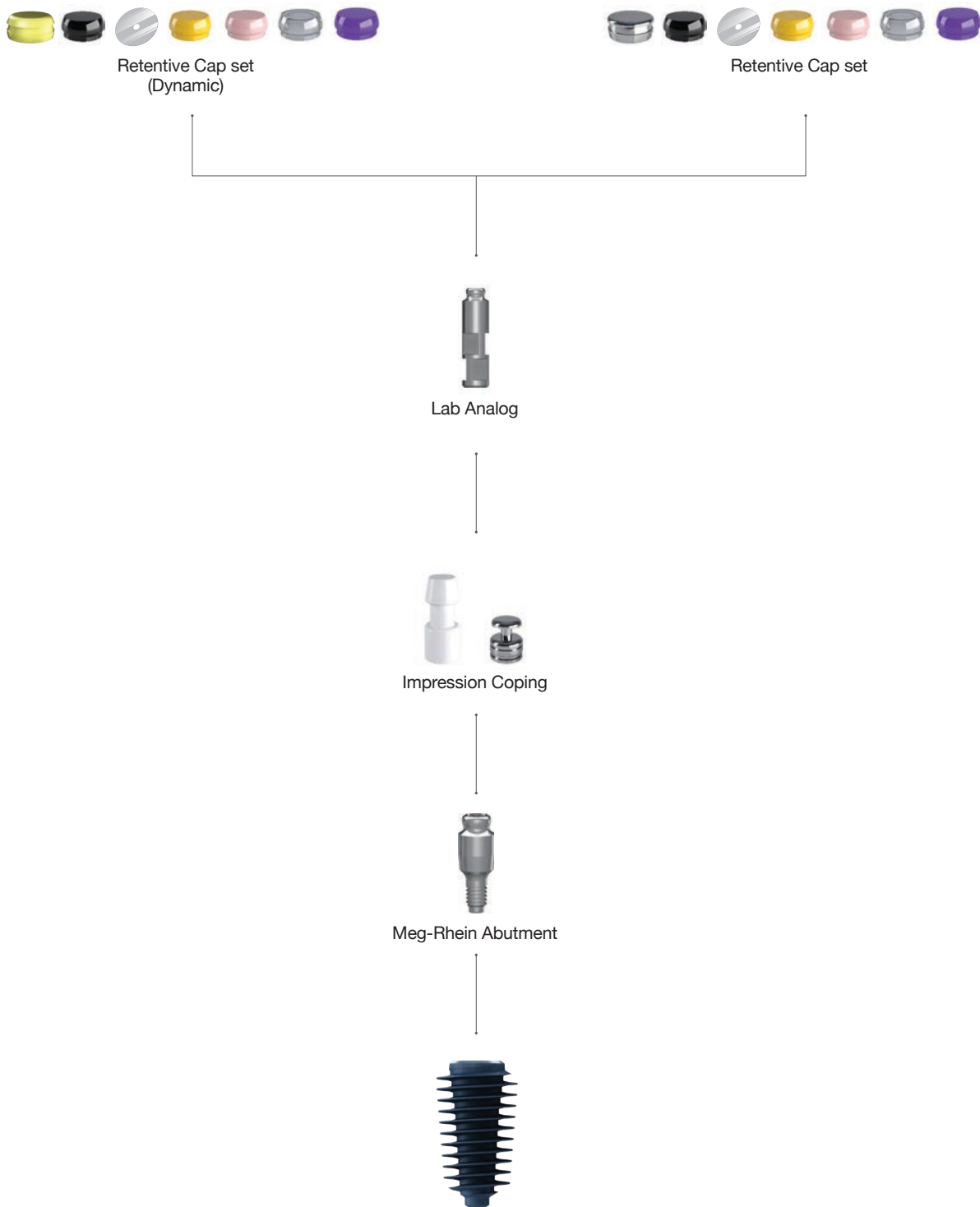
Retentive Ring Set

Quantity	Ref.C
5	MBR5
10	MBR10



III. Overdenture Prosthesis

5. Meg-Rhein Abutment & Components



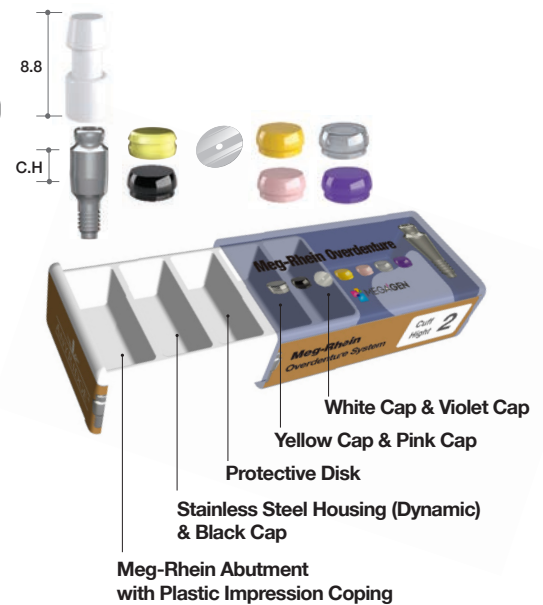
➔ Meg-Rhein Overdenture System

Meg-Rhein Overdenture System (Dynamic)

- 1 Meg-Rhein Abutment
- 1 Plastic Impression Coping
- 1 Stainless Steel Housing (Dynamic) & Black-Lab
- 1 Protective Disk
- 4 Retentive Caps (Yellow-0.6kgf, Pink-1.2kgf, White-1.8kgf, Violet-2.7kgf)

- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 15Ncm.

Cuff Height (mm)	Ref.C
0	ADR00PA
1.0	ADR01PA
2.0	ADR02PA
3.0	ADR03PA
4.0	ADR04PA
5.0	ADR05PA
6.0	ADR06PA



Meg-Rhein Overdenture System

- 1 Meg-Rhein Abutment
- 1 Plastic Impression Coping
- 1 Stainless Steel Housing
- 1 Protective Disk
- 5 Retentive Caps (Black-Lab, Yellow-0.6kgf, Pink-1.2kgf, White-1.8kgf, Violet-2.7kgf)


- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 15Ncm.

Cuff Height (mm)	Ref.C
0	ADR00P
1.0	ADR01P
2.0	ADR02P
3.0	ADR03P
4.0	ADR04P
5.0	ADR05P
6.0	ADR06P



►► Overdenture System

Advantages

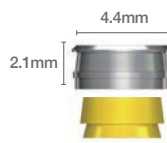
Small & Easy-to-Use Housing System 

Tilting Angle

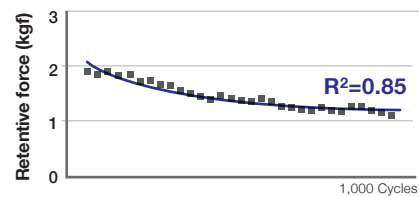
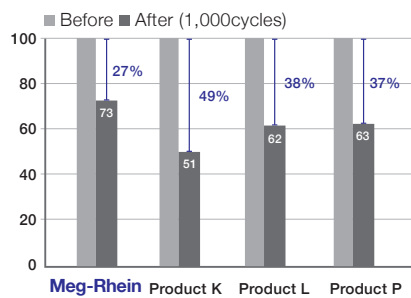
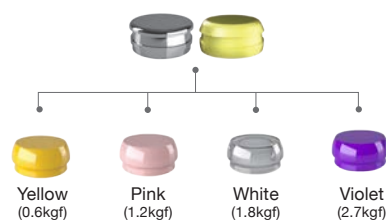
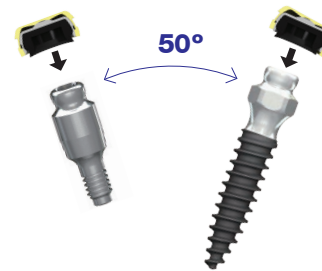
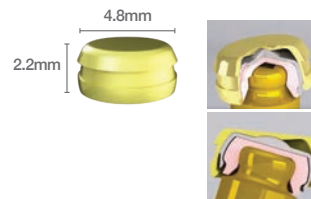
Various Retentive Caps of the Meg-Rhein

Low Reduction Rate & Uniform Variance of Retentive Force

Normal



Dynamic



R^2 (Coefficient of determination) becomes more reliable when it is close to "1".

➔ Components for Meg-Rhein Abutment

Stainless Steel Housing

- 5ea/pack

Ref.C

MHP



Stainless Steel Housing

(Dynamic)

- 5ea/pack

Ref.C

THP



Retentive Caps (White)

- White cap(1.8kg) - For refill (5ea/pack).
- Can be used for more retentive force following pink cap(1.2kgf).

Ref.C

RCWP



Retentive Caps (Violet)

- Violet cap(2.7kg) - For refill (5ea/pack).
- Can be used for more retentive force following white cap(1.8kgf).

Ref.C

RCVP



Retentive Caps (Pink)

- Pink cap(1.2kgf) - For refill (5ea/pack).

Ref.C

RCPP



Retentive Caps (Yellow)

- Yellow cap(0.6kgf) - For refill (5ea/pack).

Ref.C

RCYP



Retentive Caps (Black)

- For laboratory

Ref.C

RCBP

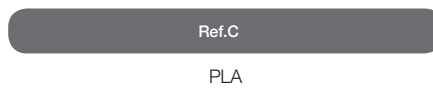


Stainless Impression Coping (Pick-Up)

- 2ea/pack.
- Italy - Rhein 83 products.
- For accurate (pick-up type) impression.
- Metal with groove design to prevent from swaying.

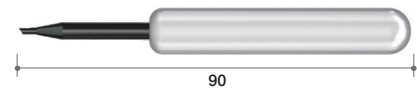
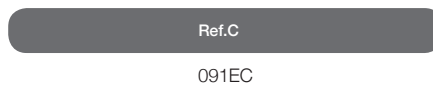


Lab Analog



Retentive Cap Removal Tool

- Retentive Cap removal tool.



Retentive Cap Insertion Tool

- Retentive Cap insertion tool.

