

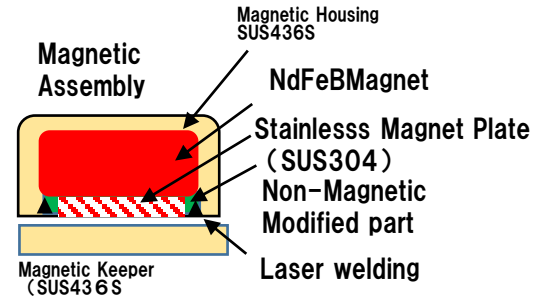
New technology develops the World's Strongest Dental Magnet

MagTeeth™ 700/900

- The combined use of stainless magnet and Nd magnet makes 50 % increase in attractive force (per cross-sectional area) .
- Non-magnetic modification technology simplifies the manufacturing process to reduce the cost drastically to 90% cost down.

Principle of Increasing Attractive Forces

SUSmagnet and Nd magnet is used to form a magnetic circuit between the magnet, keeper and housing, improving the attraction force by 50%. (Patent pending)



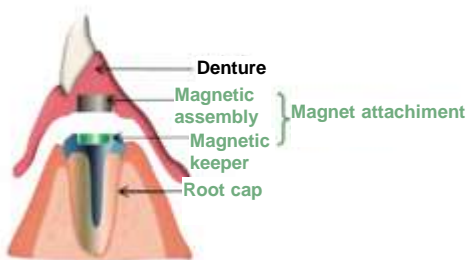
Product Characteristics

- ①The world's first non-magnetic modification technology was used to increase the strength of the product by reducing the laser welding area to a single location.
- ②Stainless steel magnet, keeper and housing are made of SUS304 and SUS436S, which have excellent corrosion resistance.
- ③All parts are pressed to greatly reduce manufacturing costs to 90% cost down.

Product code	MT700	MT900	Keeper (root/cast)
Photo			
Dimension	Diameter 3.6mm 	Diameter 4.0mm 	
Attractive Force	700 ± 50gf	900 ± 50gf	prevention against rotation and falling

Clinical Applications

The dental magnet is a Nature tooth-friendly maintenance device good for producing the high-grade magnet retained denture with easy to load and unload with good aesthetic, but the drawback is to have the weak clamping force, and MagTeeth is expected to eliminate that drawback and decrease the price of magnet dentures to make it more accessible.



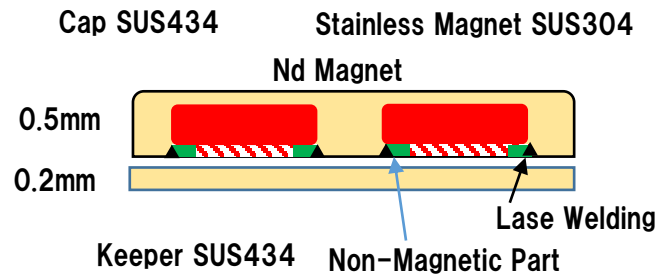
Development of thin magnetic attachment for pulp teeth

MagTeeth™ – Super600

- MTS600 with 0.5 mm thickness has the adsorption force of 600gf.
- Excellent quality achieved by non-magnetic modification technology and laser welding technology.
- High-grade stainless steel guarantees excellent anti-corrosion properties.

Principle of Increasing Attractive Forces

Multiple magnets and a composite magnet of SUS and NdFeB magnets achieve 600gf with 0.5mm thickness by optimizing the magnetic.

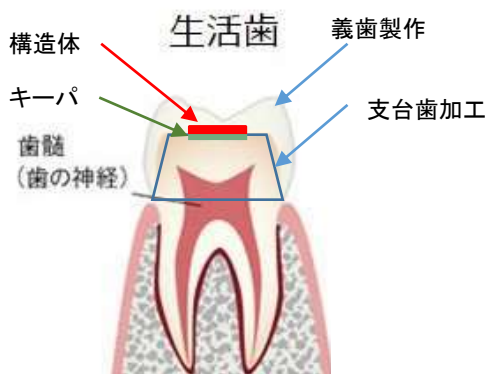


Product Characteristics

- 1) Improved weld quality by combining non-magnetic modification with laser welding.
- 2) Stainless steel magnets and keepers and housings are made of SUS304 and SUS434, which have excellent corrosion resistance.

品番	MTS500	MTS600	キーパ (接着剤・鑄接)
写真			
寸法	3mm×4mm×0.5mm	4mm×4mm×0.5mm	
吸引力	500±50gf	600±50gf	

Clinical application (pulp tooth specification)



The combination of thin magnetic attachments and tapered abutment teeth allows for the fabrication of partial dentures and removable bridges using pulp teeth. and removable bridges can be fabricated.

