MAGFIT™ EX
600W/400W

MAGFIT EX has a "sandwich type" structure with attractive forces ranging from 400 to 600gf, which is comparable to the spring method. MAGFIT EX600W is recommended for cases with regular space requirements. MAGFIT EX400W is suitable for cases with minimal space conditions as well as cases requiring lower retention.

### Specifications

#### Basic Performance

<table>
<thead>
<tr>
<th></th>
<th>MAGFIT EX600W</th>
<th>MAGFIT EX400W</th>
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</thead>
<tbody>
<tr>
<td>Attractive force (gf)</td>
<td>600</td>
<td>400</td>
</tr>
<tr>
<td>Height (mm)</td>
<td>1.8</td>
<td>1.5</td>
</tr>
<tr>
<td>Smallest diameter (mm)</td>
<td>3.8x2.8</td>
<td>3.4x2.4</td>
</tr>
</tbody>
</table>

#### Dimensions of MAGFIT EX

![Dimensions Diagram]

#### Structure and materials of MAGFIT EX

- Magnet case (SUS316)
- Yoke (AUM20)
- Magnet (NdFeB)
- Hermetic seal by micro laser welding
- Wing
- Keeper (AUM20)
- Keeper holder (SUS316)

> AUM20 is our proprietary Soft Magnetic Stainless Steel.

### Reliability

#### Firm fixation to the denture base

The unique "wing" design on both sides of the magnetic assembly ensures firm fixation, preventing detachment problems from denture base.

![Firm Fixation Diagram]

#### No corrosion

MAGFIT EX utilizes a high grade stainless steel outer casing to encapsulate the magnetic assembly. The seams of the cap are hermetically sealed by precision micro laser welding.

![No Corrosion Diagram]

#### Vertical space required for MAGFIT

- Incisors: Canines
  - EX600W: 3.8mm
  - EX400W: 3.3mm
- Molars
  - EX600W: 4.3mm
  - EX400W: 3.8mm

Perfect seal by micro laser welding

- 70μm

AUM20 is our proprietary Soft Magnetic Stainless Steel.