



The Attractive Solution

Magna-Cap™ System
Catalogue

Magna-Cap™ System

Technovent's Magna-Cap™ System is a titanium-based Magnetic Attachment System, for maxillofacial prostheses based on closed-field magnetic attraction between small, split-pole prosthesis magnets and magnetisable implant fixtures.

The system is ideal for use in Orbital, Nasal, Midface or Auricular prosthetic cases and is compatible with most major implant systems including:

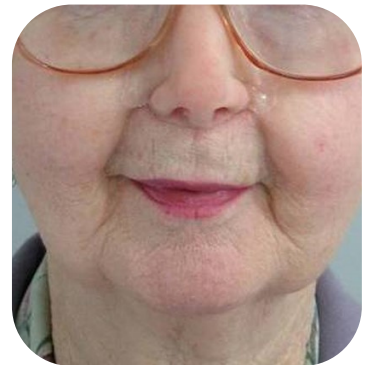
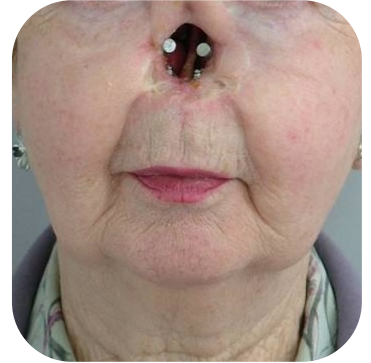
- Southern Implants
- AHEAD
- Cochlear
- Nobel Biocare
- Straumann
- Astra

Custom height parts can also be manufactured. Please contact us for further information.

CE marked and manufactured to the highest standards of the EC directive and FDA approved.

Advantages of the Magna-Cap™ system include:

- Strong breakaway forces - over 11N when using our Maxi Prosthesis Magnets
- Ease of prosthesis placement for patients.
- Simple hygiene control - easy for patient cleaning.
- Quick and easy technical procedure to construct prosthesis.
- Closed-field magnetic system - the magnet is in the prosthesis not the patient.
- Magnetic unit is a split-pole construction design, with proven internal and external corrosion resistance.
- Autoclaveable using standard autoclave cycle.
- Can utilise non-parallel implant fixtures.
- Predictable retention forces and low implant impact forces.



How to get started using the system

Step 1. Choose Magnacap or Magnabutment. - Available in 4.4mm and 5.1mm diameters.

Magnacap



Magnacap fits into the implant abutment.

Magnabutment



Magnabutment fits directly into implant

Step 2. Choose prosthesis magnets.



No Lip



Lip

Provides controlled prosthesis stability.



Long Lip

Provides extra prosthesis stability against external displacement forces.



Silicone Retentive

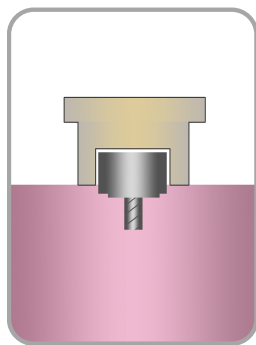
With retentive ring for mechanical retention to silicone.



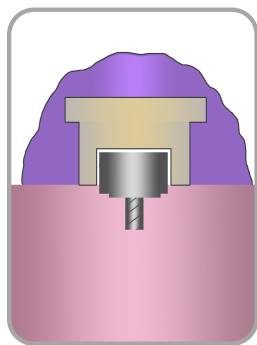
Auricular

Excellent magnetic strength coupled with a mechanical lock. (For use with Auricular Magnacap).

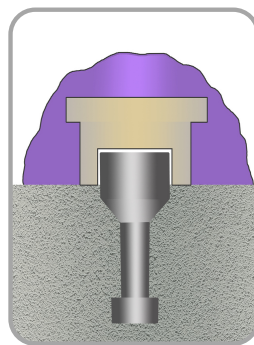
How to get started - The Impression Technique



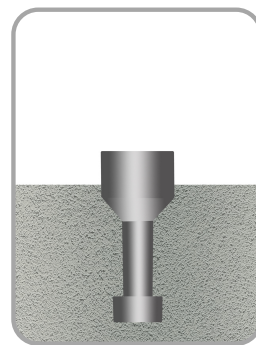
Place a Mini/Maxi Impression Magnet (JB-AFK) on the matching size Magnacap/ Magnabutment.



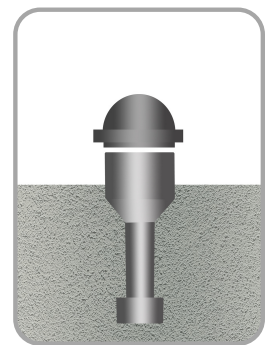
Take an impression with Impression Magnet in place.



Seat Lab Analogue Abutment (LAA) onto the Impression Magnet and cast a model using hard stone plaster.



When model is set remove Impression Magnet.



Apply prosthesis magnet to model. Begin to create your magnet retained prosthesis.

Magnacaps

ABUTMENT KEEPER THAT FITS DIRECTLY ONTO AN IMPLANT ABUTMENT - NON STERILE

NOBEL BIOCARE EXTERNAL HEX (BRANEMARK) MAGNACAP COCHLEAR VISTAFIX GENERATION 2 MAGNACAP SOUTHERN IMPLANTS ABE MAGNACAP

| Code | Description | Height | Diameter |
|---------|---------------|--------|----------|
| B-MC1-S | Mini Magnacap | 2.1mm | 4.4mm |
| B-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



COCHLEAR VISTAFIX GENERATION 3 MAGNACAP

| Code | Description | Height | Diameter |
|----------|---------------|--------|----------|
| VF-MC1-S | Mini Magnacap | 2.1mm | 4.4mm |
| VF-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



AHEAD MAGNACAP

| Code | Description | Height | Diameter |
|----------|---------------|--------|----------|
| AH-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



SOUTHERN IMPLANTS IT MAGNACAP

| Code | Description | Height | Diameter |
|----------|---------------|--------|----------|
| IT-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



NOBEL BIOCARE MULTIUNIT MAGNACAP SOUTHERN IMPLANTS ABZ CONICAL ABUTMENT

| Code | Description | Height | Diameter |
|-----------|---------------|--------|----------|
| B-MUMC1-S | Mini Magnacap | 2.1mm | 4.4mm |
| B-MUMC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



MEDICON MAGNACAP

| Code | Description | Height | Diameter |
|--------------|----------------------------|--------|----------|
| P-MC1-S | Mini Magnacap - Basic Post | 1.9mm | 4.4mm |
| P-MC2-S | Maxi Magnacap - Basic Post | 1.9mm | 5.1mm |
| PL-MC2-1.6-S | Maxi Magnacap - Plate | 1.6mm | 5.1mm |



Magnacaps

ABUTMENT KEEPER THAT FITS DIRECTLY ONTO AN IMPLANT ABUTMENT - NON STERILE

ASTRA 45° UNI-ABUTMENT MAGNACAP

| Code | Description | Height | Diameter |
|---------|---------------|--------|----------|
| A-MC1-S | Mini Magnacap | 2.1mm | 4.4mm |
| A-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



STRAUMANN MAGNACAP (RC PILAR MULTIBASE)

| Code | Description | Height | Diameter |
|---------|---------------|--------|----------|
| S-MC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



ASTRA EV MAXI MAGNACAP

| Code | Description | Height | Diameter |
|-----------|---------------|--------|----------|
| EV-AMC2-S | Maxi Magnacap | 2.1mm | 5.1mm |



Magnabutments

ABUTMENT KEEPER THAT FITS DIRECTLY ONTO AN IMPLANT FIXTURE

Technovent can manufacture custom made Magnabutments to fit many implant systems including Straumann, Nobel Biocare, Southern Implants and Astra.

These components will require a prescription form to be completed when ordering.

Price is available on application. Please contact us at info@technovent.com for further information.



Prosthesis Magnets

NON-LIPPED PROSTHESIS MAGNET

| Code | Description | Height | Diameter | Breakaway Force |
|------|--------------|--------|----------|-----------------|
| M0-S | Micro Magnet | 1.99mm | 4.5mm | 4.2N |
| M1-S | Mini Magnet | 3.20mm | 4.5mm | 6.5N |
| M2-S | Midi Magnet | 3.20mm | 5.5mm | 10.5N |
| M3-S | Maxi Magnet | 3.90mm | 5.5mm | 11.5N |

Micro Magnet (M0-S)



Mini Magnet (M1-S)



Midi Magnet (M2-S)



Maxi Magnet (M3-S)



PROSTHESIS LIP MAGNET

Lip Magnets provide controlled prosthesis stability (lip additional 0.6mm height).

| Code | Description | Height | Diameter | Breakaway Force |
|-------|------------------|--------|----------|-----------------|
| ML0-S | Micro Lip Magnet | 1.99mm | 4.5mm | 4.2N |
| ML1-S | Mini Lip Magnet | 3.20mm | 4.5mm | 6.5N |
| ML2-S | Midi Lip Magnet | 3.20mm | 5.5mm | 10.5N |
| ML3-S | Maxi Lip Magnet | 3.90mm | 5.5mm | 11.5N |



PROSTHESIS LONG LIP MAGNET

Long Lip Magnets provide extra stability against external displacement forces (lip additional 1.2mm height).

| Code | Description | Height | Diameter | Breakaway Force |
|--------|----------------------|--------|----------|-----------------|
| MLL3-S | Maxi Long Lip Magnet | 3.90mm | 5.5mm | 11.5N |



SILICONE RETENTIVE MAGNET

Prosthesis Magnet with a retentive ring for mechanical retention to silicone.

| Code | Description | Height | Diameter | Breakaway Force |
|---------|-------------------------|--------|----------|-----------------|
| ML3-SR | Maxi Lip SR Magnet | 3.90mm | 5.5mm | 11.5N |
| MLL3-SR | Maxi Long Lip SR Magnet | 3.90mm | 5.5mm | 11.5N |



MAXI O-RING MAGNET

Maxi O-Ring Magnet

| Code | Description | Height | Diameter | Breakaway Force |
|-----------|--------------------|--------|-----------|---------------------|
| MLL3-OR-S | Maxi O-Ring Magnet | 7.20mm | 5.5-7.4mm | 10N (13N Retention) |



Auricular Magnet System

Technovent's innovative Auricular Magnet System retains all of the outstanding features of the original Magnacap System but has the following additional benefits giving it distinct advantages in comparison to conventional mechanical retention.

- Magnetic retention coupled with a mechanical safety lock which overcomes the problems of lateral displacement.
- Ease of positioning due to magnetic location.
- Reduced height (2.7mm) prosthesis magnet.
- Novel new Magnacap design ensures O-Ring safety lock engages closer to fitting surface of the magnet.
- In normal use, prosthesis is held in place solely by magnetic retention with mechanical retention only activated if needed.

AURICULAR MAGNACAPS

Auricular Maxi Magnacaps to fit on the Abutment fixture of Vistafix 2 & 3 Implant Abutments and Southern Implants ABE Abutment.

Must be used in conjunction with Auricular Magnet (MLL2-OR-S). Non-sterile.

| Code | Description | Height | Diameter |
|-------------|---|--------|----------|
| B-MC2-OR-S | Maxi Auricular Magnacap for Vistafix 2 and Southern Implants ABE Abutment | 2.7mm | 5.26mm |
| VF-MC2-OR-S | Maxi Auricular Magnacap for Vistafix 3 | 3.2mm | 5.26mm |



AURICULAR MAGNET

Excellent magnetic strength coupled with a mechanical backup reduces lateral displacement. Use in conjunction with either B-MC2-OR-S or VF-MC2-OR-S. Non-sterile.

| Code | Description | Height | Diameter |
|-----------|------------------|--------|--|
| MLL2-OR-S | Auricular Magnet | 5.4mm | Fitting surface 5.5mm External (widest) 7.9mm |



**NOTE: COMPATIBLE WITH CORRESPONDING LAB ANALOGUE CAPS: (VF-LAC2-OR & B-LAC2-OR).
NO LOCATOR RING NEEDED.**

Other Specialised Magnet Systems

MULTI-PURPOSE MAGNET

Extremely powerful attachment for multi-component assemblies.

Attachment comprises of two paired magnets. Each magnet has a flange for retention within the prosthesis. Non-sterile.

| Code | Description | Height | Breakaway Force |
|---------|-------------------------------|--------|-----------------|
| MPMS | Multi-Purpose Magnet | 2.6mm | 6.5N |
| MPMS-NL | Multi-Purpose Magnet (NO LIP) | 2.6mm | 6.5N |



INSERT KEEPER

For cast-on techniques, soldering & multi-component assemblies. Non-sterile.

| Code | Description | Height | Diameter |
|-------|--------------------|--------|----------|
| IK1-S | Mini Insert Keeper | 0.8mm | 4.4mm |
| IK2-S | Maxi Insert Keeper | 0.8mm | 5.1mm |



Laboratory Accessories

TRANSFER MAGNET

A colour coded magnet used with a pick-up impression technique (lip 0.6mm). Non-sterile.

| Code | Description | Height | Diameter |
|------|----------------------|--------|----------|
| MT1 | Mini Transfer Magnet | 3.2mm | 4.5mm |
| MT2 | Maxi Transfer Magnet | 3.9mm | 5.5mm |



LAB ANALOGUE CAP - NOBEL BIOCARE EXTERNAL HEX, COCHLEAR VISTAFIX GENERATION 2 AND SOUTHERN IMPLANTS ABE ABUTMENT

A colour coded Magnacap replica for laboratory models. Non-sterile.

| Code | Description | Height | Diameter |
|--------|--------------|--------|----------|
| B-LAC1 | Lab Analogue | 2.1mm | 4.4mm |
| B-LAC2 | Lab Analogue | 2.1mm | 5.1mm |



LAB ANALOGUE CAP - COCHLEAR VISTAFIX GENERATION 3

A colour coded Magnacap replica for laboratory models. Non-sterile.

| Code | Description | Height | Diameter |
|---------|--------------|--------|----------|
| VF-LAC1 | Lab Analogue | 2.1mm | 4.4mm |
| VF-LAC2 | Lab Analogue | 2.1mm | 5.1mm |



LAB ANALOGUE CAP - AURICULAR SYSTEM

A colour coded Magnacap replica for laboratory models. Non-sterile.

| Code | Description | Height | Diameter |
|------------|--------------|--------|----------|
| B-LAC2-OR | Lab Analogue | 2.7mm | 5.26mm |
| VF-LAC2-OR | Lab Analogue | 3.2mm | 5.26mm |



LAB ANALOGUE ABUTMENT

A colour coded Magnacap replica for laboratory models. Non-sterile.

| Code | Description | Diameter |
|------|-------------------------------------|----------|
| LAA1 | Mini Lab Analogue Abutment | 4.4mm |
| LAA2 | Maxi Lab Analogue Abutment | 5.1mm |
| MPMA | Multi-Purpose Lab Analogue Abutment | 9.0mm |

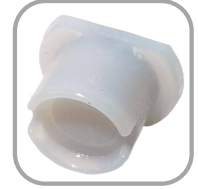


Laboratory Accessories

IMPRESSION MAGNET

Replaces the use of Transfer Magnet & Locator Ring. Design ensures greater retention within silicone impression material. Non-sterile.

| Code | Description |
|-----------|-----------------------------|
| JB-AFK-1 | Mini Impression Magnet |
| JB-AFK-2 | Maxi Impression Magnet |
| JB-AFK-OR | Auricular Impression Magnet |



LOCATOR RING

Temporary locator used during processing of magnets into a prosthesis. Non-sterile.

| Code | Description |
|--------|-----------------------|
| LR1 | Mini Locator Ring |
| LR2 | Maxi Locator Ring |
| LR-LL2 | Long Lip Locator Ring |



SEATING TOOL

Hand held tool with surface magnet to sit root keepers and for general handling of Magnacap. Non-sterile.

| Code | Description | Height | Diameter |
|------|--------------|--------|----------|
| STO | Seating Tool | 17.0mm | 5.5mm |



HAND CAPFIT TOOL

Hand held insertion tool used to fit Magnacaps & Magnabutments. In built magnet provides safe handling. Non-sterile.

| Code | Description | Height | Diameter |
|------|-----------------------|--------|----------|
| CF1 | Mini Hand Capfit Tool | 17.0mm | 6.0mm |
| CF2 | Maxi Hand Capfit Tool | 17.0mm | 6.5mm |



LATCH CAPFIT TOOL

Insertion tool for use in torque controlled hand piece to fit Magnacaps & Magnabutments. Non-sterile.

| Code | Description | Height | Diameter |
|------|------------------------|--------|----------|
| CF3 | Mini Latch Capfit Tool | 17.0mm | 6.0mm |
| CF4 | Maxi Latch Capfit Tool | 17.0mm | 6.5mm |



Custom Parts & Special Order Items

Technovent also offers a service to produce custom made attachments for items that do not fall within our stock sizes.

A variety of different height magnacaps and magnabutments can be produced for implant systems in addition to specialised platform systems e.g Branemark Narrow/Wide platforms.

When ordering custom/special order items, a prescription form must be completed which will require the following information:

- Implant system and platform type
- Abutment diameter (Mini/Maxi)
- Abutment height
- Patient reference for custom device
- Any other relevant information

Please contact us for a copy of the prescription form which can be emailed or downloaded from our website.

For further information or additional technical help please email:

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or

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