



The Attractive Solution

Magna-Cap™ System
Catalogue

Southern Implants
USA

Magna-Cap™ System

Technovent Magna-Cap system is ideal for use in Orbital, Nasal, Midface or Auricular prosthetic cases.

Advantages of the Magna-Cap™ system:

- **Superior Breakaway Forces**
Over 3 times stronger than our closest competitors' magnet systems.
- **Technovent Magnacap**
The Magnacap is placed into the implant abutment and not directly into the implant giving excellent versatility and allowing easily removal for MRI scanning.
- **Unique Auricular System**
Strong magnetic retention coupled with a mechanical safety lock overcomes the problems of lateral displacement.
- **Closed Field Magnet System**
The magnet is in the removable prosthesis and not the patient.
- **Custom Service**
Technovent can manufacture custom height Magnacaps and Magnabutments.

Other advantages include:

- Magnetic unit is a split-pole construction design, with proven internal and external corrosion resistance.
- Can utilise non-parallel implant fixtures.
- Quick and easy technical procedure to construct prosthesis.
- Autoclavable using standard autoclave cycle.
- Ease of prosthesis placement and simple hygiene control for patients.
- CE and UKCA marked and manufactured to the highest standards of the EC directive.
- FDA approved.



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

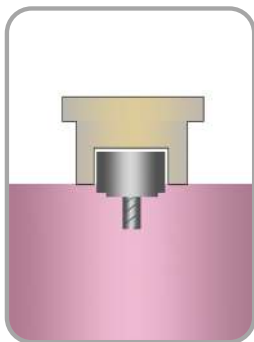
With retentive ring for mechanical retention to silicone.



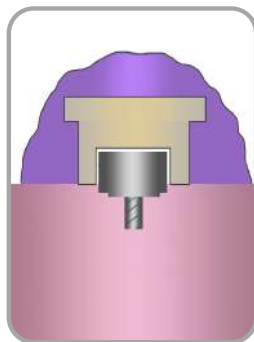
Auricular

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

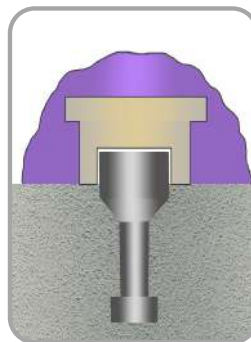
How to get started - The Impression Technique



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



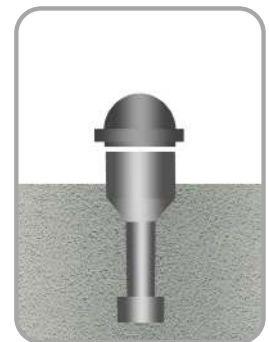
Take an impression with Impression Magnet in place.



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

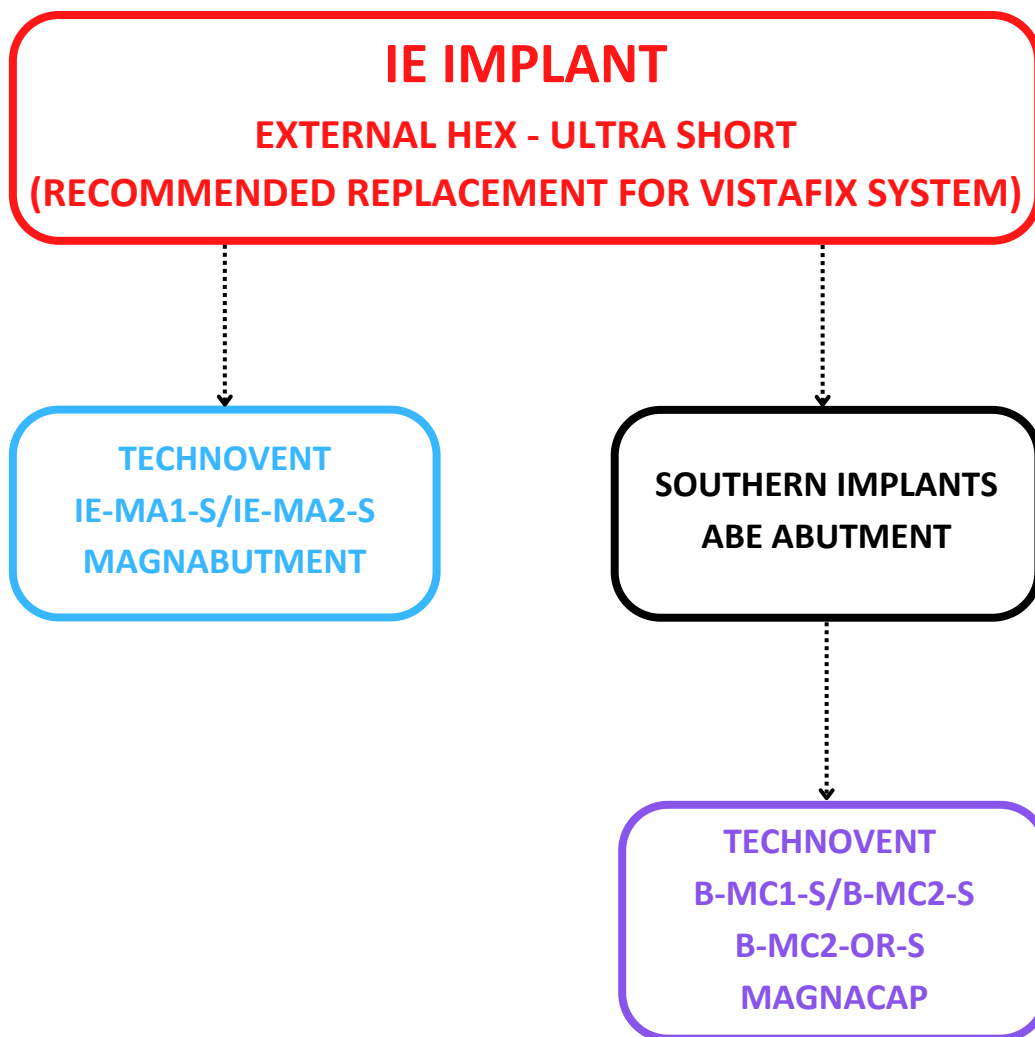


When model is set remove Impression Magnet.

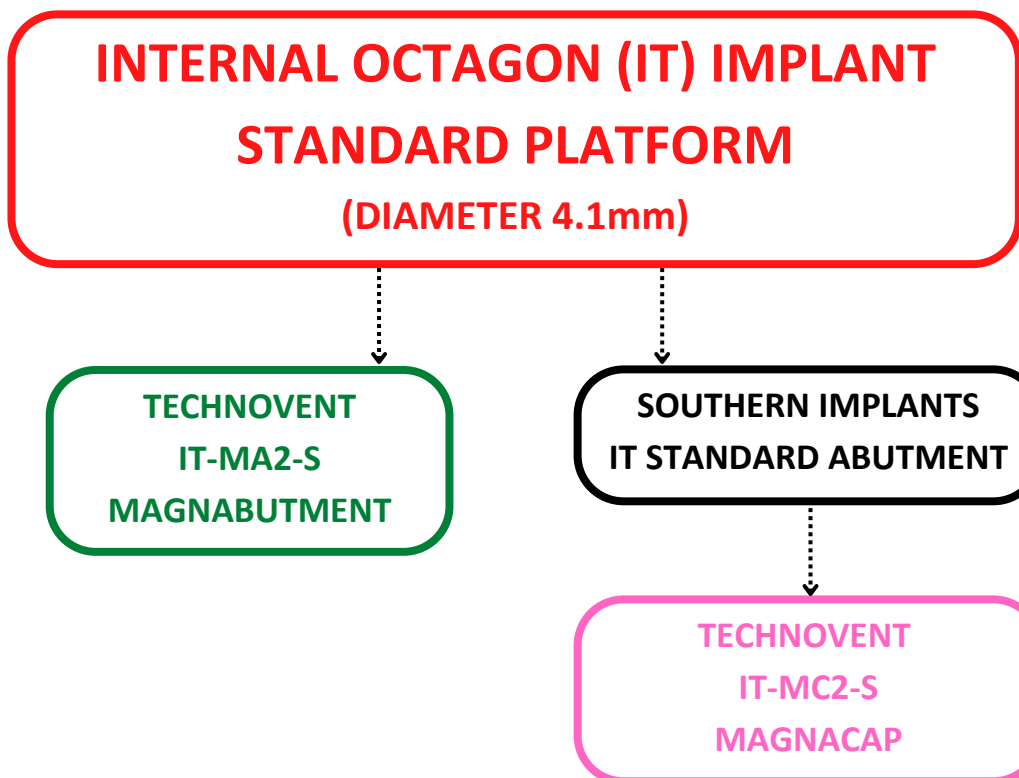
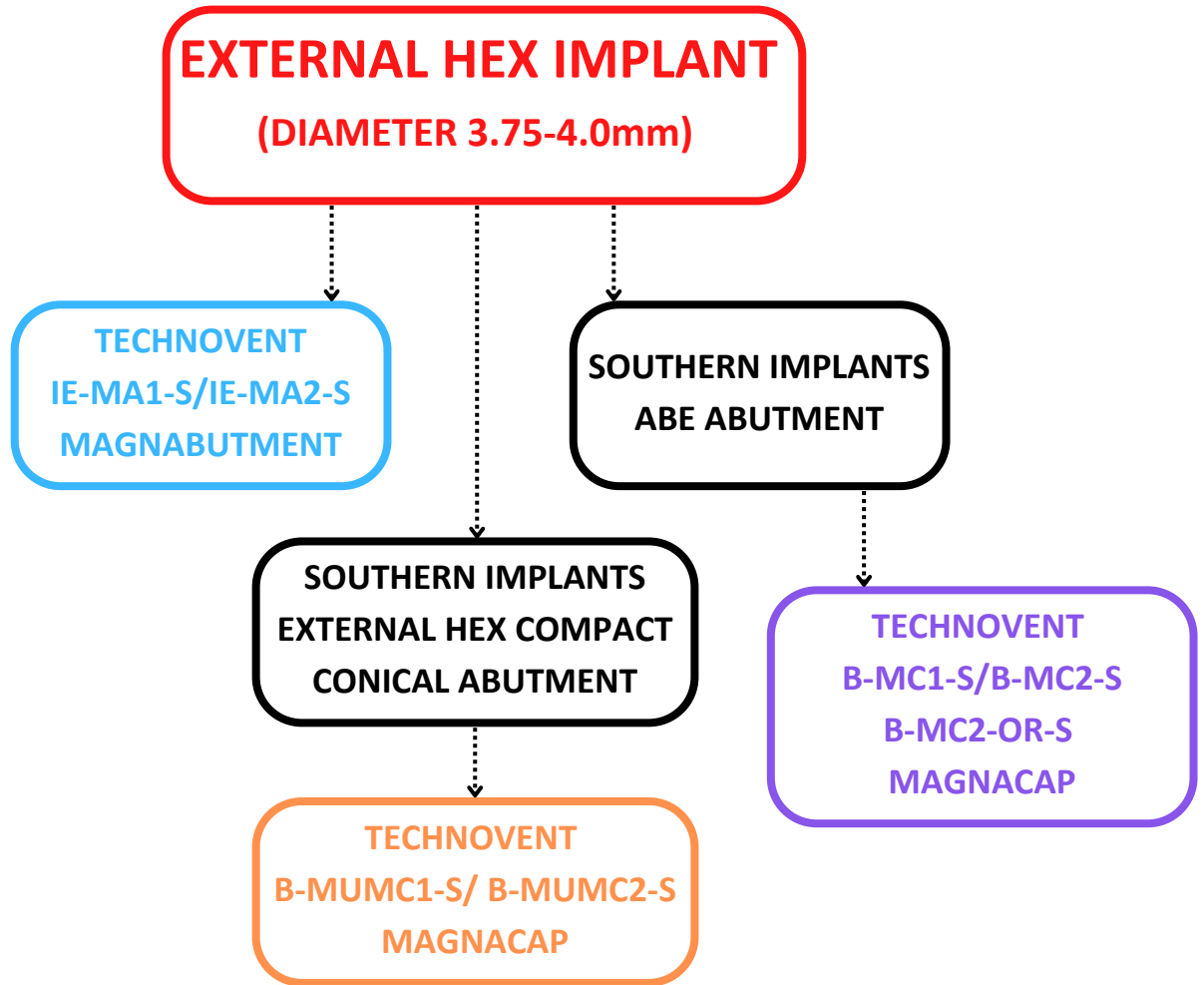


Apply prosthesis magnet to model. Begin to create your magnet retained prosthesis.

Southern Implants Compatability Guide



Southern Implants Compatability Guide



Magnacaps/Magnabutments - Non Sterile

MAGNACAP - TO FIT ABE ABUTMENT

Code	Description	Height	Diameter
B-MC1-S	Mini Magnacap	2.1mm	4.4mm
B-MC2-S	Maxi Magnacap	2.1mm	5.1mm
B-MC2-OR-S*	Maxi Auricular Magnacap	2.7mm	5.1mm



*See Auricular Magnet System page for further information.

MAGNACAP - TO FIT IT SYSTEM

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



MAGNACAP - TO FIT ABZ CONICAL ABUTMENT

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



MAGNABUTMENT - TO FIT IT SYSTEM (DIAMETER 4.1MM)

Code	Description	Height	Diameter
IT-MA2-S	Maxi Magnabutment	2.1mm	5.1mm



MAGNABUTMENT - TO FIT IE AND EXTERNAL HEX IMPLANTS

Code	Description	Height	Diameter
IE-MA1-S	Mini Magnabutment	3.6mm	4.4mm
IE-MA2-S	Maxi Magnabutment	3.6mm	5.1mm



Prosthesis Magnets - Non-Sterile

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 FOR SOUTHERN IMPLANTS ABE ABUTMENTS

Auricular Maxi Magnacaps to fit on the Abutment fixture of Southern Implants ABE Abutments. 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 ABE Abutments	2.7mm	5.26mm



AURICULAR MAGNET

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

Code	Description	Height	Diameter
MLL2-OR-S	Auricular Magnet	2.7mm	Fitting surface 5.5mm External (widest) 7.9mm



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

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 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 FOR 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



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



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



Laboratory Accessories

SEATING TOOL

Hand held tool with surface magnet for general handling of Magnacap components.
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.

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.

IF YOU NEED FURTHER INFORMATION
OR ADDITIONAL TECHNICAL HELP - PLEASE EMAIL:

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