Scan flag Range

Product Code Breakdown

SFT - EX - 50

Scan **F**lag **T**itanium

Implant range identifier

Prosthetic platform

EXTERNAL HEX

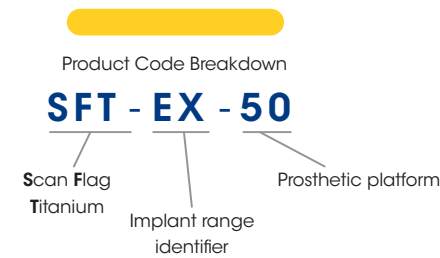|	
SFT-EX-30	Ø3mm External Hex implant (Piccolo)
SFT-EX-34	Ø3.25mm External Hex implant (IBN / IBNT)
SFT-EX-40	Ø4mm External Hex implant (IB / IBT)
	MAX-6
SFT-EX-50	Ø5mm External Hex implant
	MAX-7
SFT-EX-60	Ø6mm External Hex implant
	MAX-8

DC RANGE

SFT-DC3	Ø3mm Deep Conical implant
SFT-DC4	Ø3.5mm & Ø4mm Deep Conical implant
SFT-DC5	Ø5mm Deep Conical implant

IT (INTERNAL OCTAGON) RANGE

SFT-IT	Ø4.8mm IT implants & MAXIT7
SFT-IT6	Ø6.5mm IT implants & MAXIT8 & 9

TRI-NEX

SFT-EL-35	Ø3.5mm TRI-NEX implant
SFT-EL-43	Ø4.3mm TRI-NEX implant
SFT-EL-50	Ø5mm TRI-NEX implant
	TRI-MAX-7
SFT-EL-60	Ø6mm TRI-NEX implant
	TRI-MAX-8
	TRI-MAX-9

INTERNAL HEX RANGE (M-Series & PROVATA®)

SFT-M	Ø3.7mm / Ø4.2mm / Ø5mm Internal Hex implants (M-series)
	Ø4mm / Ø5mm Provata
	Ø6mm PROMAX implants
SFT-Z	Ø7mm / Ø8mm / Ø9mm PROMAX implants

ABUTMENT LEVEL (compact conical abutment)

SFT-MC-48	Ø4.8mm platform Compact conical abutments
SFT-MC-60	Ø6mm platform Compact conical abutments

For more information, please contact your
Southern Implants Representative or visit southernimplants.com

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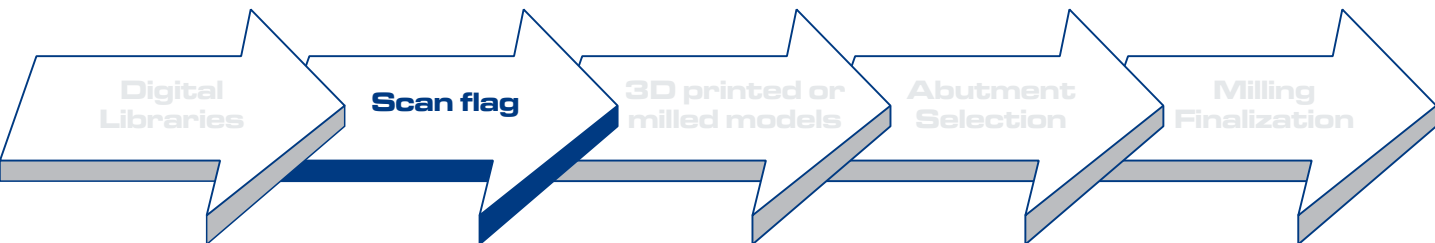**E:** info@southernimplants.com.au

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SIDIGITAL

Scan Flag

Ø5

Digital Libraries → **Scan flag** → 3D printed or milled models → Abutment Selection → Milling Finalization
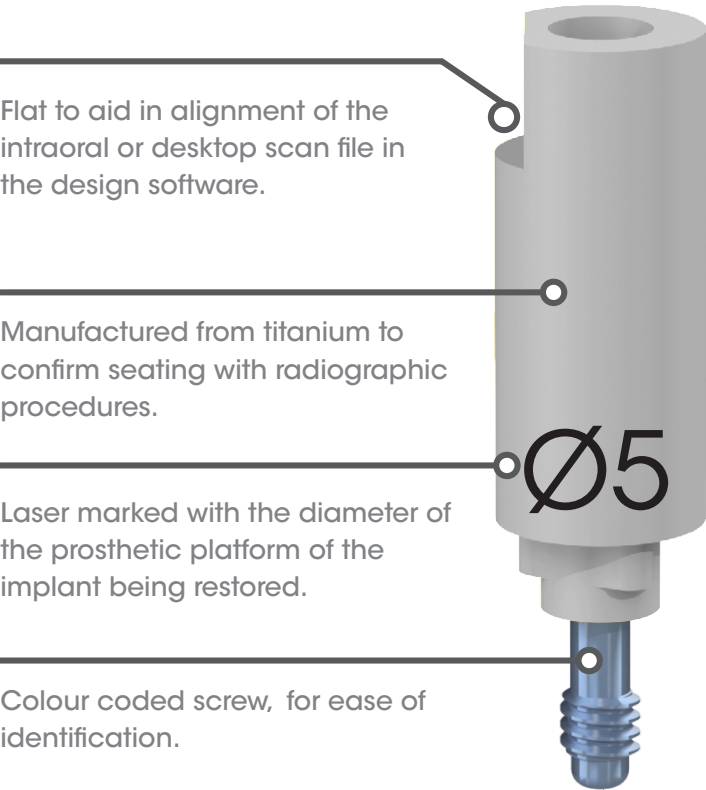
Southern Implants Scan flags -
where dentistry meets technology

Scan Flags are available for all Southern Implant ranges, and is used during digital impression taking procedures. The scan flag is either attached to the implant or on an abutment in the mouth and an intraoral scan is taken. It can also be attached to a laboratory analogue in a stone model and a desktop scan is taken. The scan is then imported into the design software as a .stl file to complete design procedures of the restoration.

Scan flag features

Flat to aid in alignment of the intraoral or desktop scan file in the design software.

Manufactured from titanium to confirm seating with radiographic procedures.

Ø5

Laser marked with the diameter of the prosthetic platform of the implant being restored.

Colour coded screw, for ease of identification.
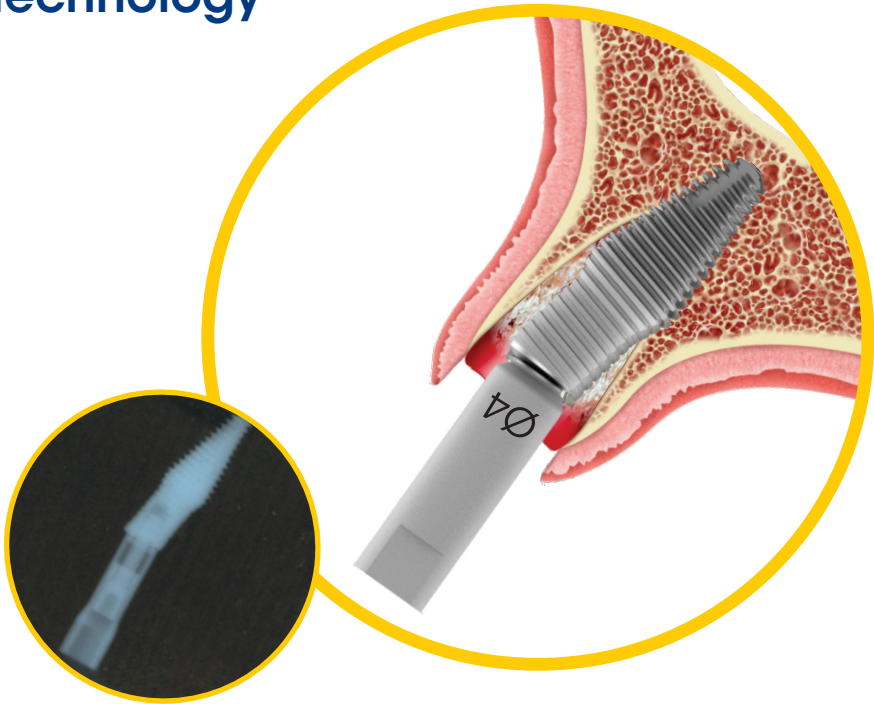
Who needs a scan flag: A dental practitioner entering the world of digital dentistry requires a scan flag and the corresponding SIDigital library. The scan flag in its physical form is an exact match of the scan flag in its digital form, the SIDigital library is the link between the scan and the design procedures. Any scanner can be used as long as the file can be imported into 3Shape, Exocad and Dental Wings software systems.

What does a scan flag do?
Southern Implants scan flags are intended to be used during digital impression procedures, in order to obtain the exact position and orientation of the respective dental implant or laboratory analogue, and transfer this position digitally into the design software.

Who can use it?
A dentist can attach the scan flag to an implant or on abutment level and perform an intra oral scan. This scan is then sent to the laboratory to perform the design and milling procedures.

A dental technician can receive a conventional impression from the dentist and cast a stone model with laboratory analogues. The scan flag is attached to the analogue, a desktop scan taken, and they can then perform the design and milling procedures.

Procedure

Register on www.southernimplants.com to receive your libraries available for:

3shape **exocad** **dental wings**

Intraoral scanning (IOS)

Attach the scan flag to the implant, and verify the seat with an X-ray. Take an intraoral scan of the arch making sure to capture the flag entirely. Also take a scan of the arch without the scan flag attached. Then take a scan of the opposing arch. Export all the files to your design software or send it on to the dental laboratory for design procedures.

Desktop scanning
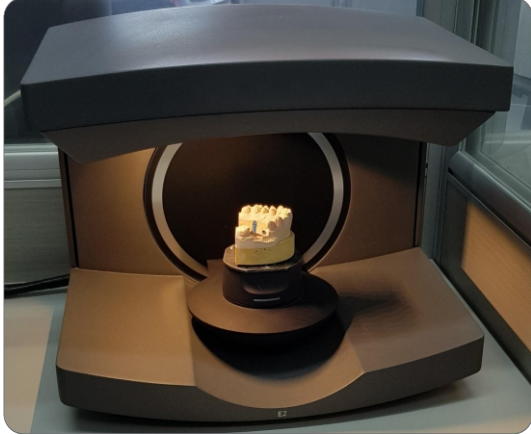
If a conventional impression is done, the laboratory will cast a stone model with appropriate laboratory analogue. Attach the scan flag to the analogue and take a scan of the model. Also take a scan of the model without the scan flag attached .
Then take a scan of the opposing model. Export all the files to your design software for design procedures.

Alignment
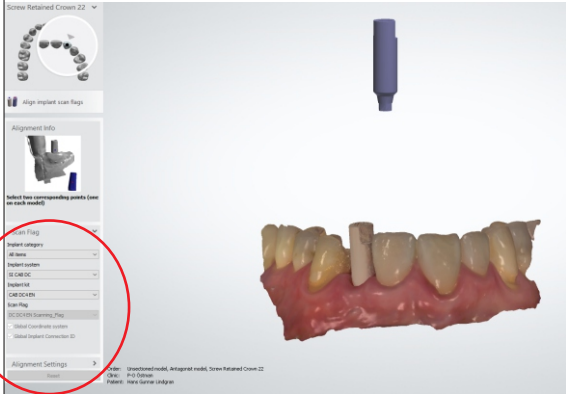
Import the .stl scan files into your design software. Align the digital scan flag (SIDigital library) to the scan flag from the intraoral / desktop scan.

Software selection

Scan Flag

Implant category
All items

Implant system
SI CAB DC

Implant kit
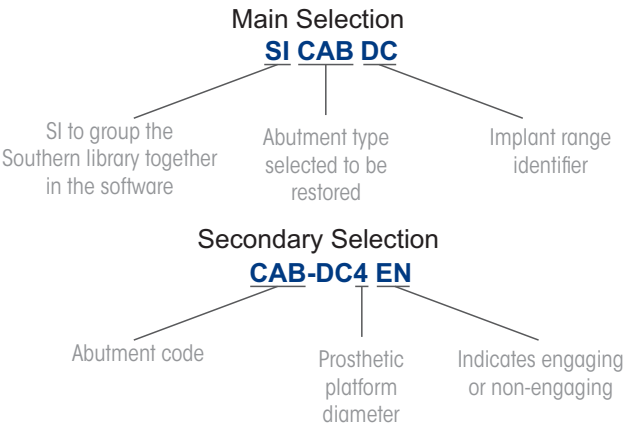CAB DC4 EN

Scan Flag
DC DC4 EN Scanning_Flag

☑ Global Coordinate system
☑ Global Implant Connection ID

Alignment Settings
Reset

SIDIGITAL library identification breakdown

Main Selection
SI CAB DC

SI to group the Southern library together in the software

Abutment type selected to be restored

Implant range identifier

Secondary Selection
CAB-DC4 EN

Abutment code

Prosthetic platform diameter

Indicates engaging or non-engaging

NOTE: It is important to ensure that the correct abutment is used in the software selection.