



TRI-NEX Implants Product Catalogue





Southern Implants is a leading provider of unique and innovative dental implant products with a focus on top-end professional users who want more choices. Southern's expertise in research, development and manufacturing of dental implants allows us to provide Innovative Treatment Solutions that will reduce treatment times and improve patient outcomes.

Striving for excellence and meeting customer needs, has led to our wide product range characterized by Unique and Innovative products which include;

- Multiple interfaces, to suit customer preference.
- INVERTA™ implant, featuring a body-shift design, engineered for primary stability and suitable for immediate loading.
- Co-Axis®, sub-crestal angle correcting implant, available in angulations of 12, 24 & 36° and various internal and external connections.
- MAX implant, specifically designed for immediate molar tooth replacement.
- The ZYGAN and ZYGELEX implants for severely resorbed maxilla and craniofacial reconstruction.

Our product portfolio is in synchronized evolution with protocol improvements and technological advances.

My sincere thanks to all specialists, dentists and technicians who put their trust in our company.



Graham Blackbeard
Managing Director, Southern Implants

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NOTE: • Images are for illustration purposes only and do not necessarily accurately represent the product.
• All dimensions in this catalogue are in mm, unless otherwise specified.
• Not all products are cleared for sale in all countries.

TRI-NEX

Ø3.5mm

Ø3.5mm Implants (Tapered & Parallel Walled)

Tapered



IA-LH-35

Parallel Walled



IA-LHS-35

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTH (in mm)
IA-LH-35-8	8.5
IA-LH-35-10	10.5
IA-LH-35-11.5	12.0
IA-LH-35-13	13.5
IA-LH-35-16	16.5

ITEM CODE PARALLEL WALLED	IMPLANT LENGTH (in mm)
IA-LHS-35-8	8.5
IA-LHS-35-10	10.5
IA-LHS-35-11.5	12.0
IA-LHS-35-13	13.5
IA-LHS-35-15	15.5

Surgical Components

Cover Screw



Healing Abutments

CS-L-35



3/5/7
lengths

HA-L-35

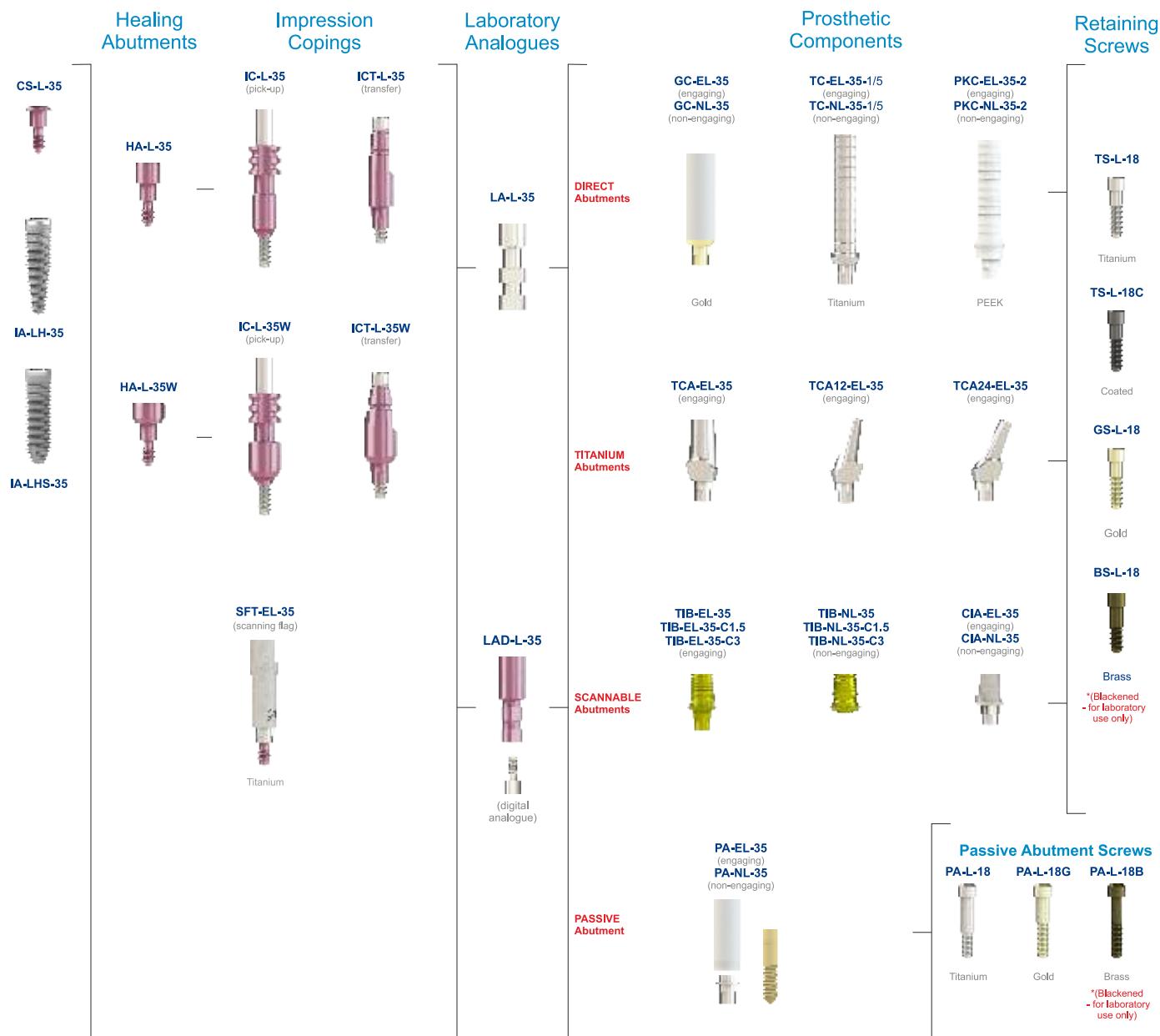


3/5
lengths

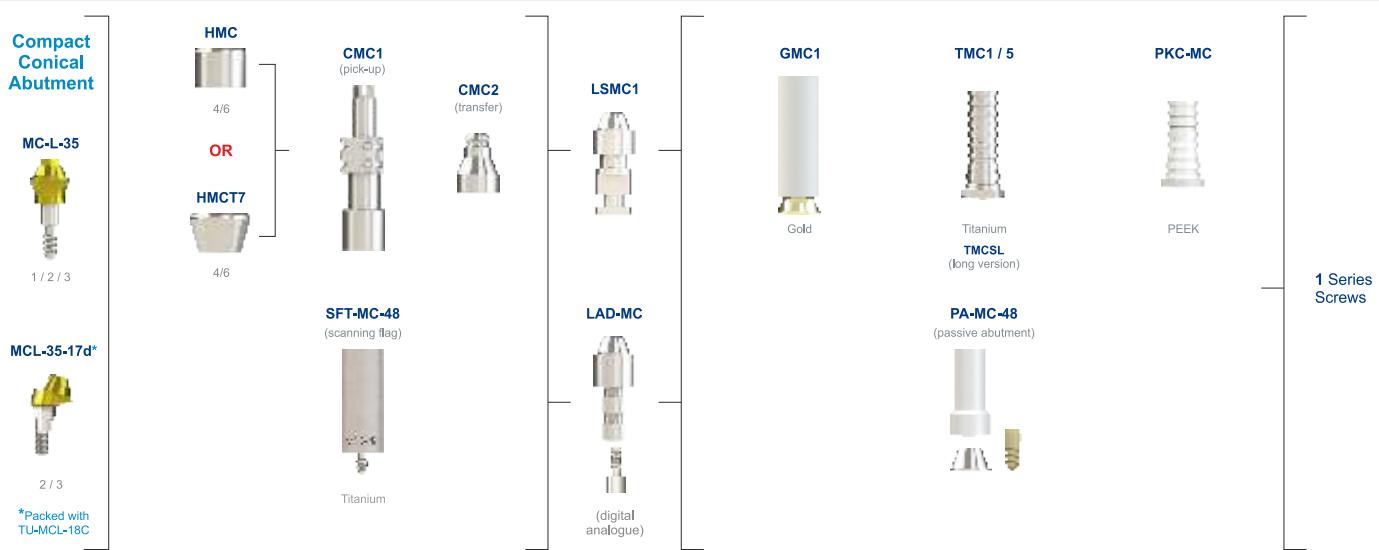
Prosthetic Flowchart

Ø3.5 Interface

Direct



Indirect



NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

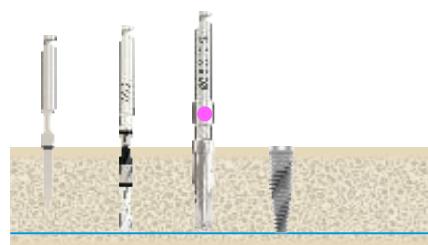
Site Preparation Sequence

Ø3.5mm Tapered (IA-LH-35)

(Illustrations are for 13mm implants)

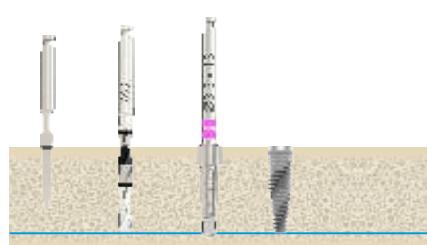
Soft Bone

D-3Spade
Ø2.0mm
Ø3.5mm



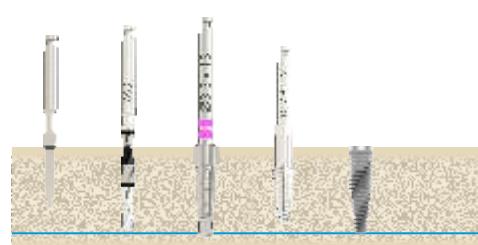
Medium Bone

D-3Spade
Ø2.0mm
Ø3.5mm



Dense Bone

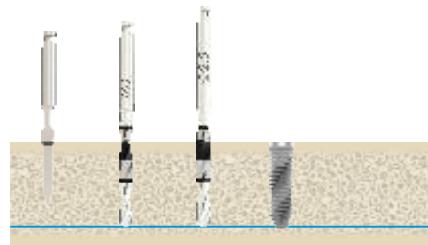
D-3Spade
Ø2.0mm
Ø3.5mm
D-TAP-L-35



Ø3.5mm Parallel Walled (IA-LHS-35)

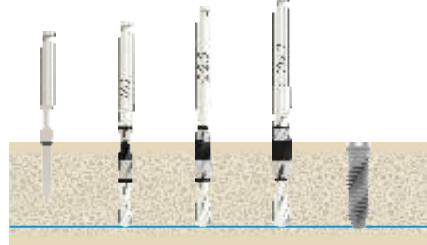
Soft Bone

D-3Spade
Ø2.0mm
Ø2.5mm



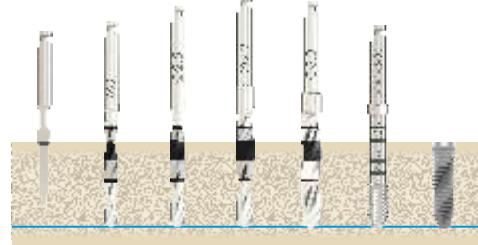
Medium Bone

D-3Spade
Ø2.0mm
Ø2.5mm
Ø2.9mm



Dense Bone

D-3Spade
Ø2.0mm
Ø2.5mm
Ø2.9mm
Ø3.3mm
D-TAP-LS-35



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation



Placement Tools

I-HLH-43S/M I-HLHU-43S/M I-WI-LH43S/M



To fit W&H Handpiece

Universal Handpiece

To fit Wrench

Converters

I-WI-CST



For Handpiece inserts (Latch-type) featuring the W&H hex

I-WI-SS



For SQUARE connection of fixture mounts and instruments

Drivers



Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-NEX

Ø4.3mm

Ø4.3mm Implants (Tapered & Parallel Walled)

Tapered



IA-LH-43

Parallel Walled



IA-LHS-43

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTH (in mm)
IA-LH-43-8	8.5
IA-LH-43-10	10.5
IA-LH-43-11.5	12.0
IA-LH-43-13	13.5
IA-LH-43-16	16.5

ITEM CODE PARALLEL WALLED	IMPLANT LENGTH (in mm)
IA-LHS-43-8	8.5
IA-LHS-43-10	10.5
IA-LHS-43-11.5	12.0
IA-LHS-43-13	13.5
IA-LHS-43-15	15.5

Surgical Components

Cover Screw



Healing Abutments

CS-L-43

HA-L-43

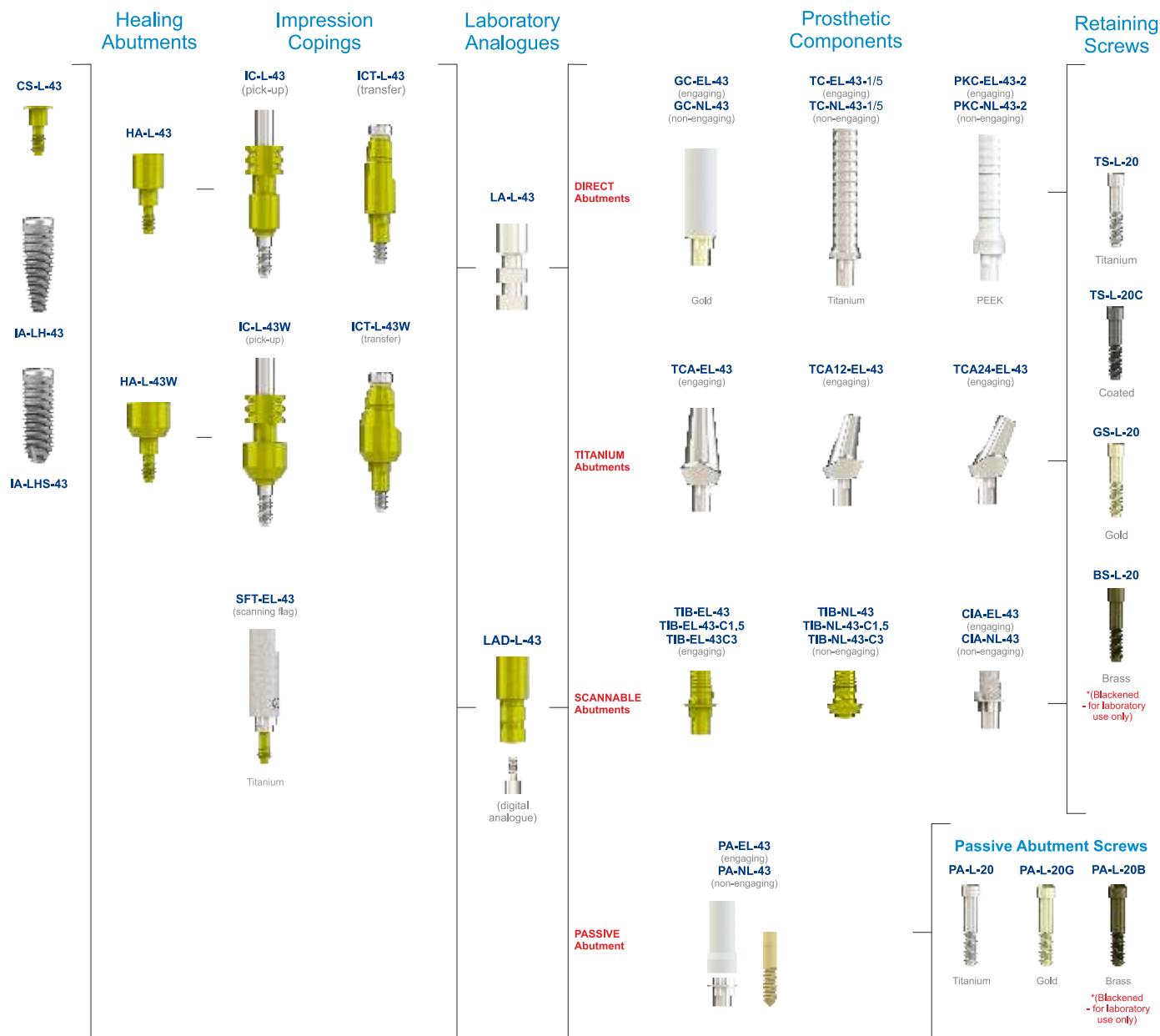
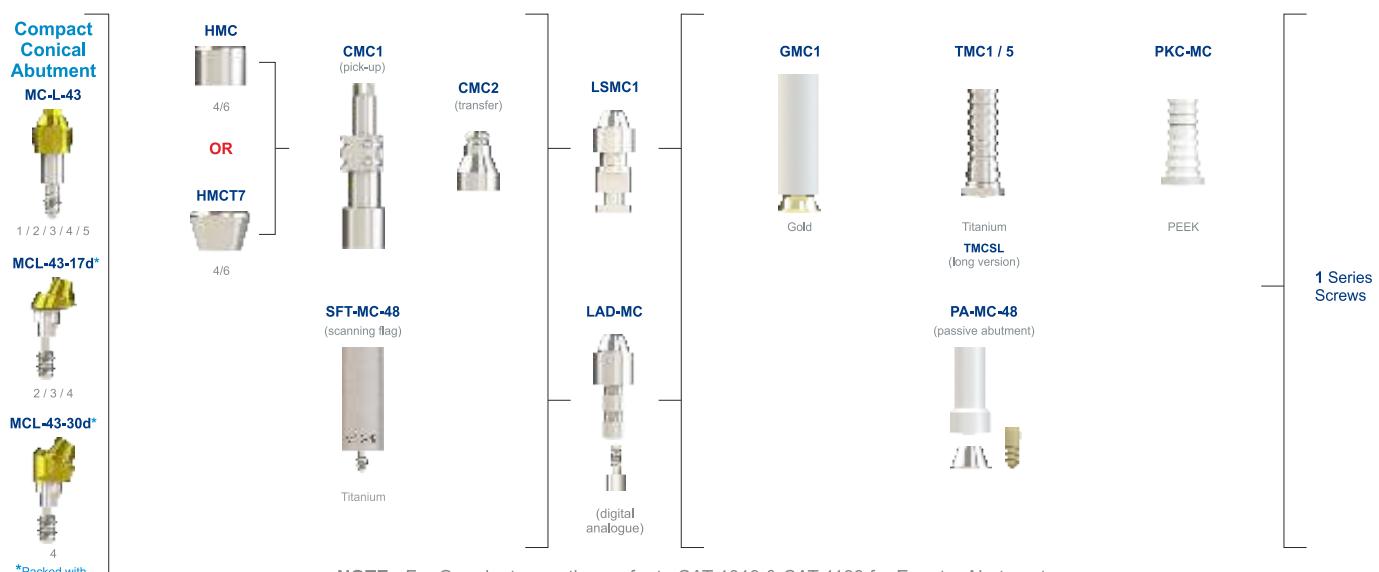


3/5/7
lengths

HA-L-43W



3/5
lengths

Direct**Indirect**

NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

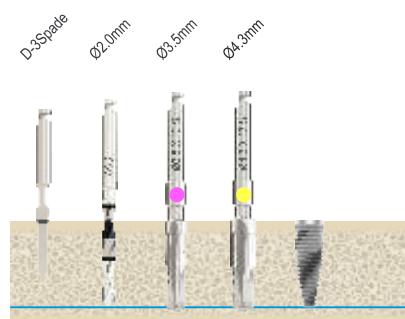
*Packed with TU-MCL-20C

Site Preparation Sequence

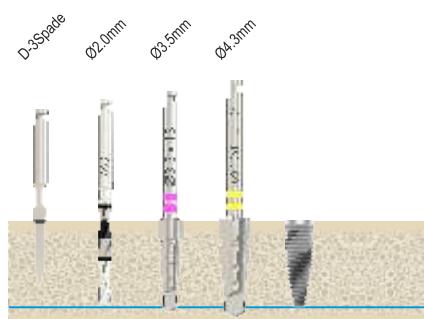
Ø4.3mm Tapered (IA-LH-43)

(Illustrations are for 13mm implants)

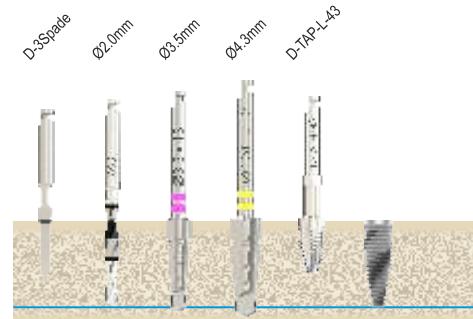
Soft Bone



Medium Bone

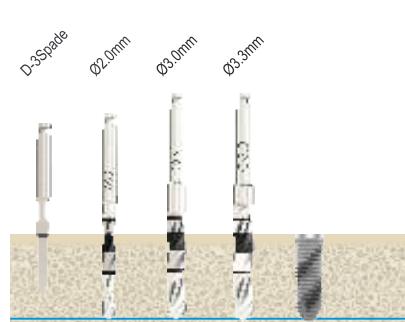


Dense Bone

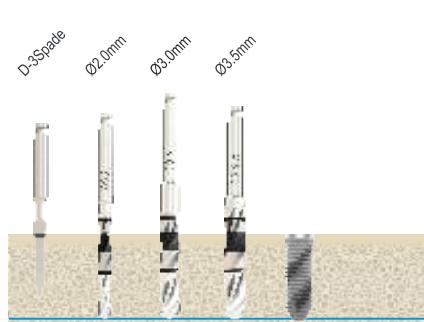


Ø4.3mm Parallel Walled (IA-LHS-43)

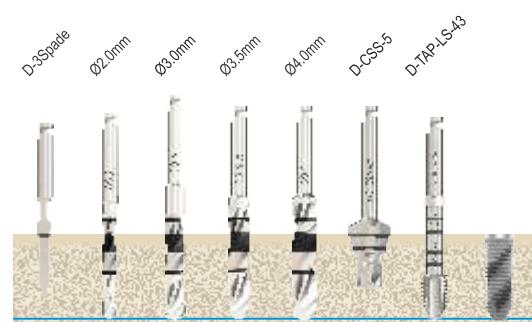
Soft Bone



Medium Bone



Dense Bone



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation



Placement Tools

I-HLH-43S/M I-HLHU-43S/M I-WI-LH43S/M



To fit W&H Handpiece

Universal Handpiece

To fit Wrench

Converters

I-WI-CST



For Handpiece inserts (Latch-type) featuring the W&H hex

I-WI-SS



For SQUARE connection of fixture mounts and instruments

Drivers



Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-NEX

Ø5.0mm

Ø5.0mm Implants (Tapered & Parallel Walled)

Tapered



IA-LH-50

Parallel Walled



IA-LHS-50

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTH (in mm)
IA-LH-50-8	8.5
IA-LH-50-10	10.5
IA-LH-50-11.5	12.0
IA-LH-50-13	13.5
IA-LH-50-16	16.5

ITEM CODE PARALLEL WALLED	IMPLANT LENGTH (in mm)
IA-LHS-50-8	8.5
IA-LHS-50-10	10.5
IA-LHS-50-11.5	12.0
IA-LHS-50-13	13.5
IA-LHS-50-15	15.5

Surgical Components

Cover Screw



Healing Abutments

CS-L-50

HA-L-50

HA-L-50W

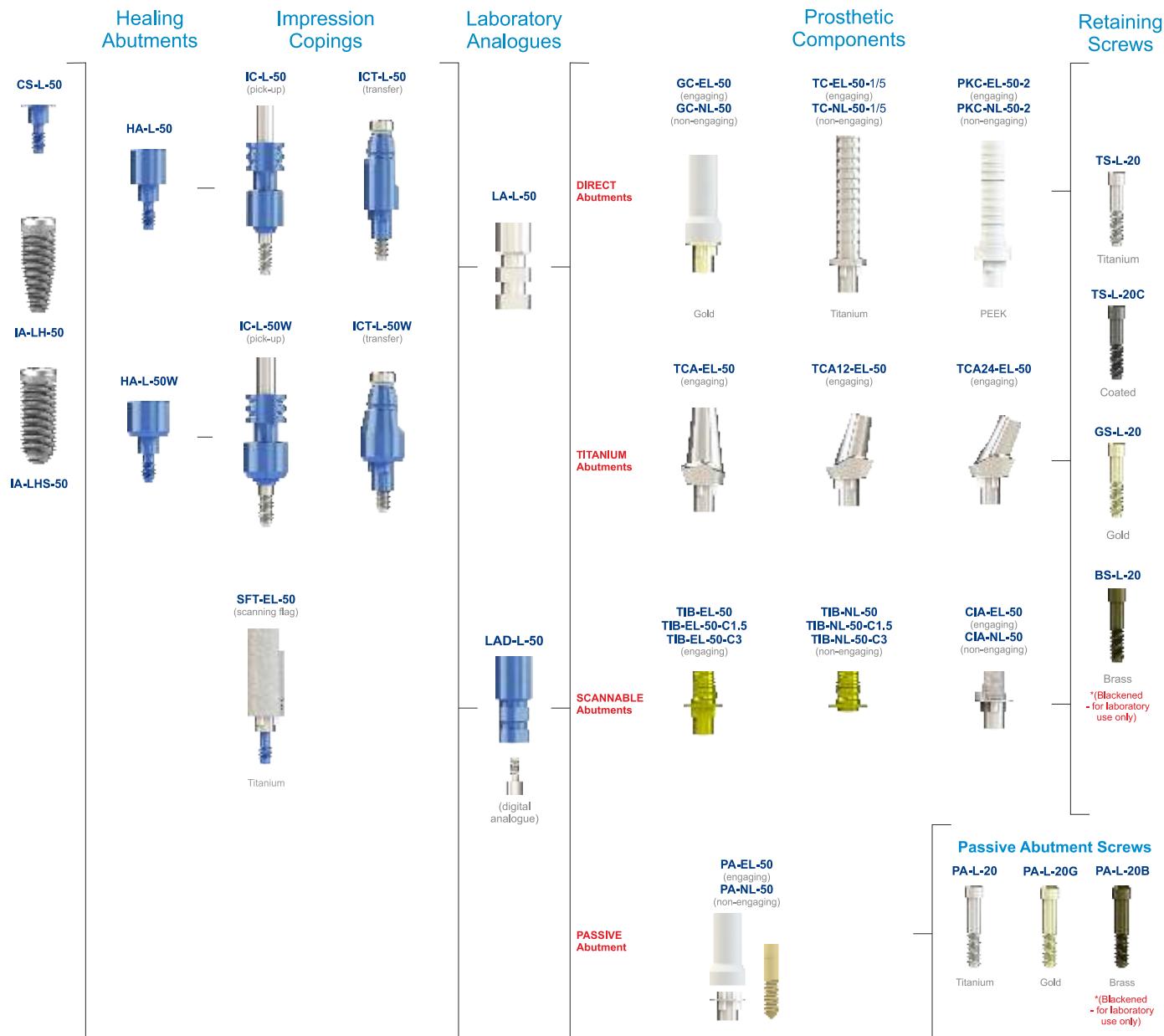


3/5
lengths



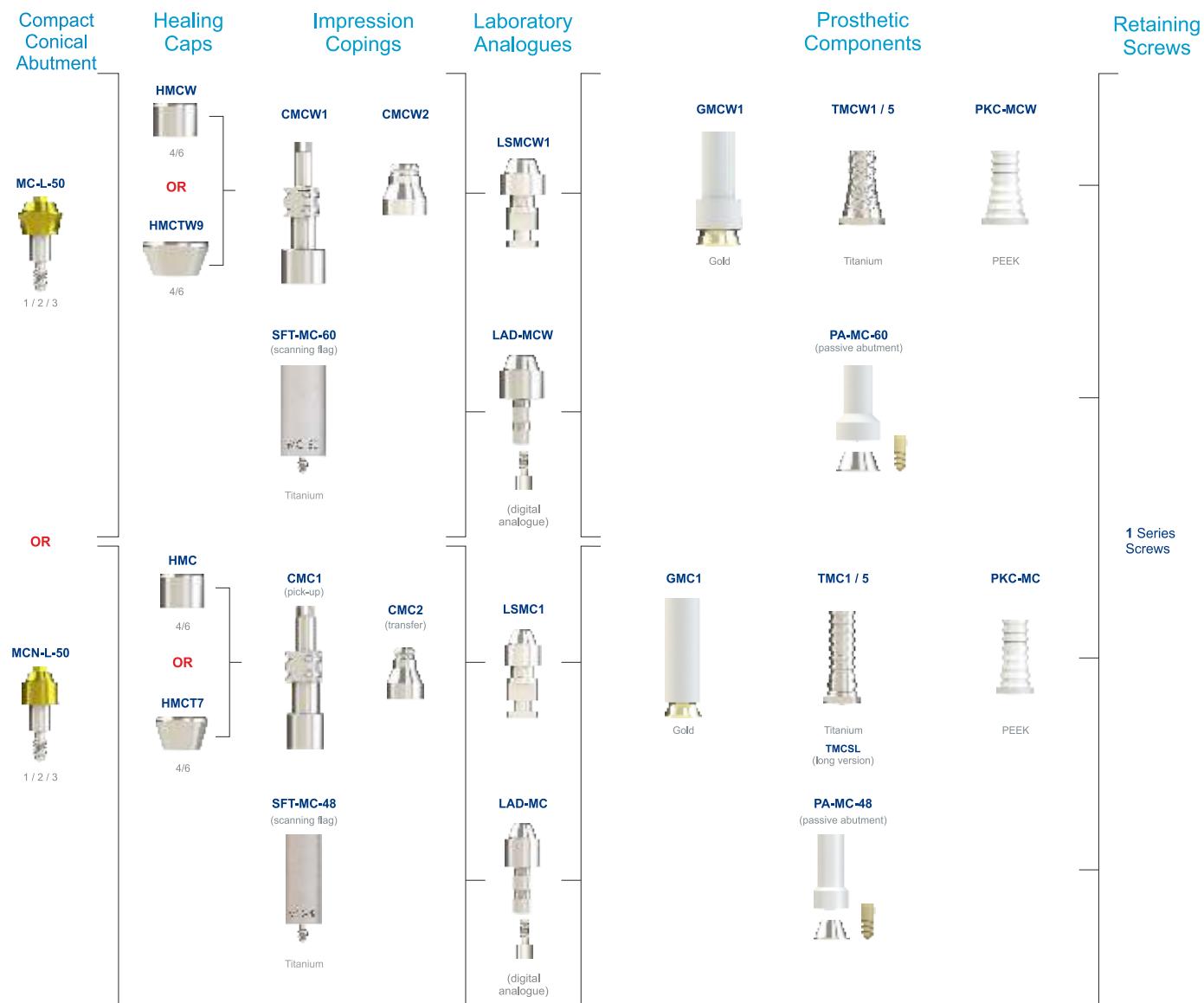
3/5
lengths

Direct



NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Indirect



Site Preparation Sequence

Ø5.0mm Tapered (IA-LH-50)

(Illustrations are for 13mm implants)

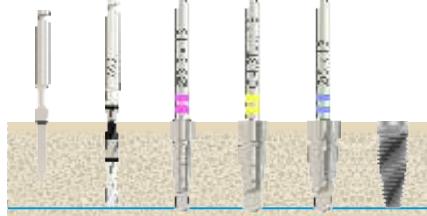
Soft Bone

D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm
Ø5.0mm



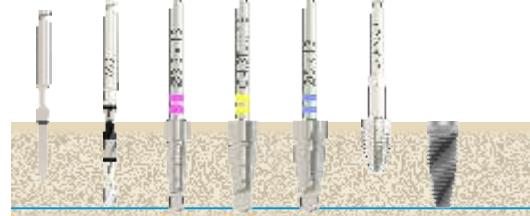
Medium Bone

D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm
Ø5.0mm



Dense Bone

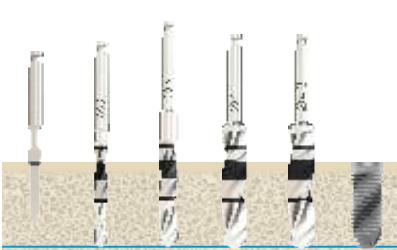
D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm
Ø5.0mm
D-TAP-L-50



Ø5.0mm Parallel Walled (IA-LHS-50)

Soft Bone

D-3Spade
Ø2.0mm
Ø3.0mm
Ø4.0mm
Ø4.3mm



Medium Bone

D-3Spade
Ø2.0mm
Ø3.0mm
Ø4.3mm
Ø4.6mm



Dense Bone

D-3Spade
Ø2.0mm
Ø3.0mm
Ø4.3mm
Ø4.6mm
D-CS5-S
D-TAP-L-50



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation



Placement Tools

I-HLH-50S/M I-HLHU-50S/M I-WI-LH50S/M



To fit W&H Handpiece

Universal Handpiece

To fit Wrench

Converters

I-WI-CST



For Handpiece inserts (Latch-type) featuring the W&H hex

I-WI-SS



For SQUARE connection of fixture mounts and instruments

Drivers



Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-NEX

Ø6.0mm

Ø6.0mm Implants (Tapered)



IA-LH-60

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTH (in mm)
IA-LH-60-8	8.5
IA-LH-60-10	10.5
IA-LH-60-11.5	12.0
IA-LH-60-13	13.5
IA-LH-60-16	16.5

Surgical Components

Cover Screw



Healing Abutments

CS-L-60

HA-L-60

HA-L-60W

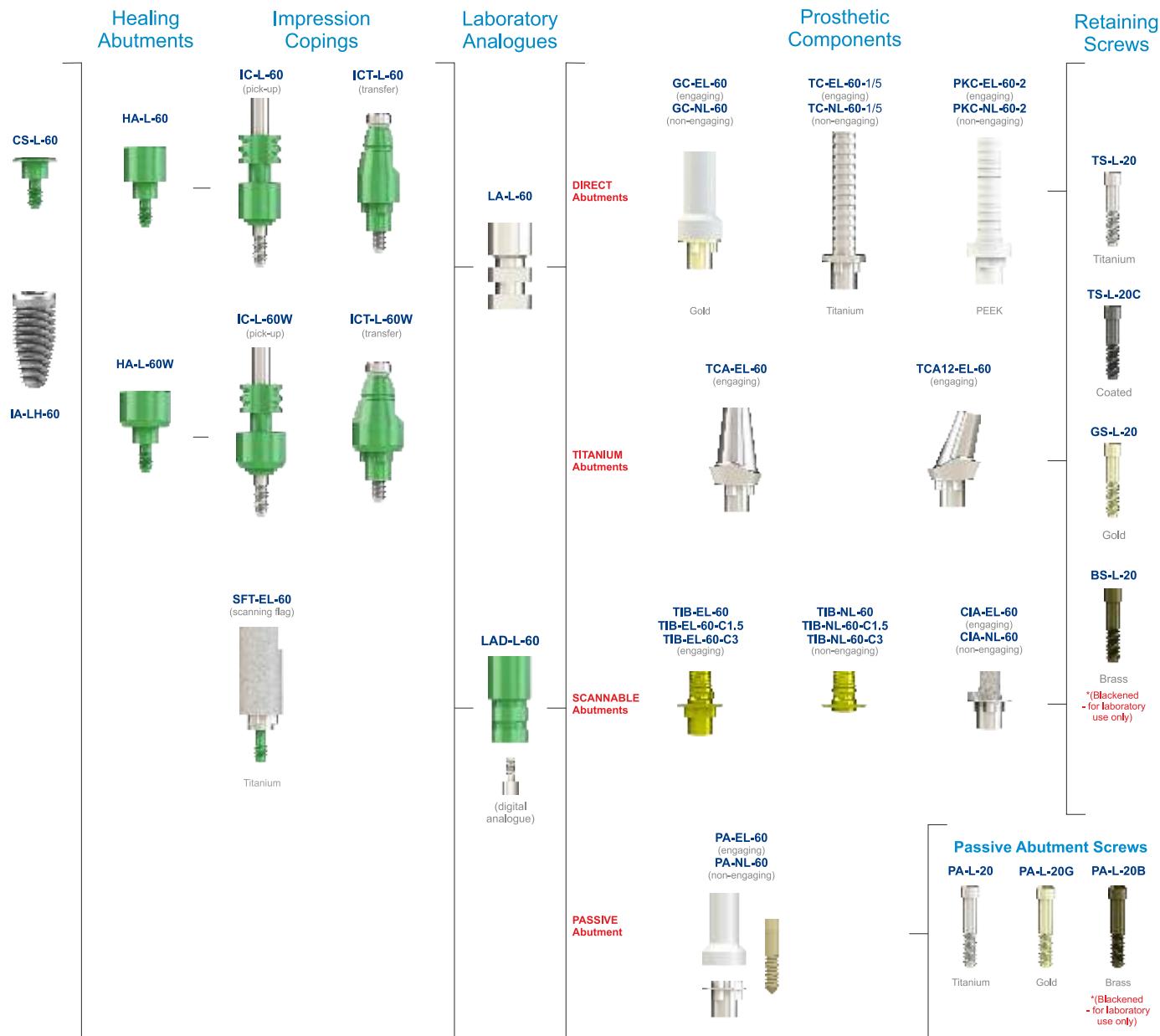


Ø6.0
3/5
lengths



Ø7.0
3/5
lengths

Direct

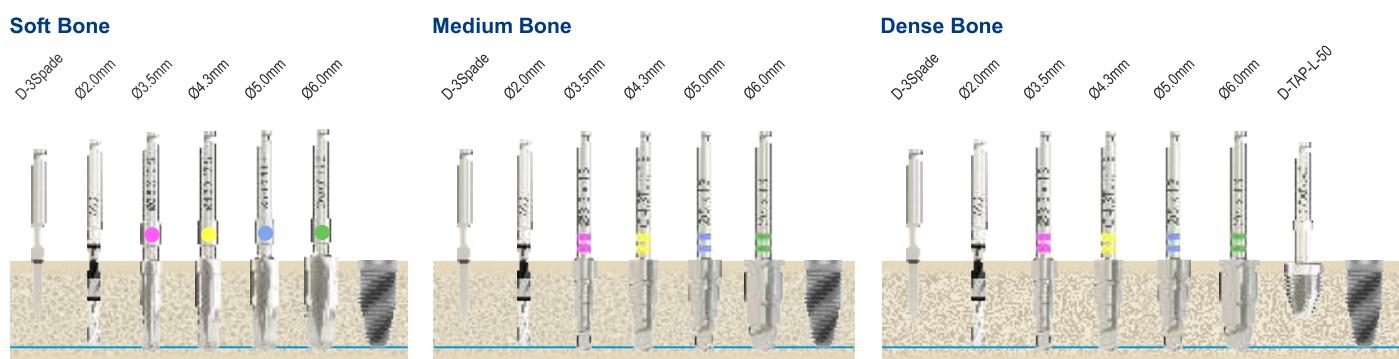


NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Site Preparation Sequence

Ø6.0mm Tapered (IA-LH-60)

(Illustration is for 13mm implant)



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

Instrumentation

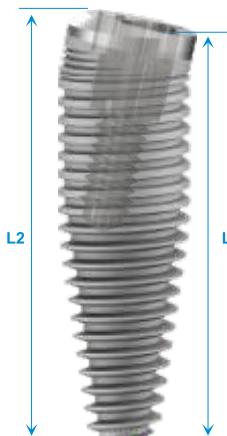


NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-NEX CO-AXIS®

Ø4.3mm

 Restore with Ø3.5 interface components



IA43-12d

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
IA43-12d-10	10.5	11.3
IA43-12d-11.5	12.0	12.8
IA43-12d-13	13.5	14.3
IA43-12d-16	16.5	17.3

Surgical Components

Cover Screw



Healing Abutments

CS-L-35

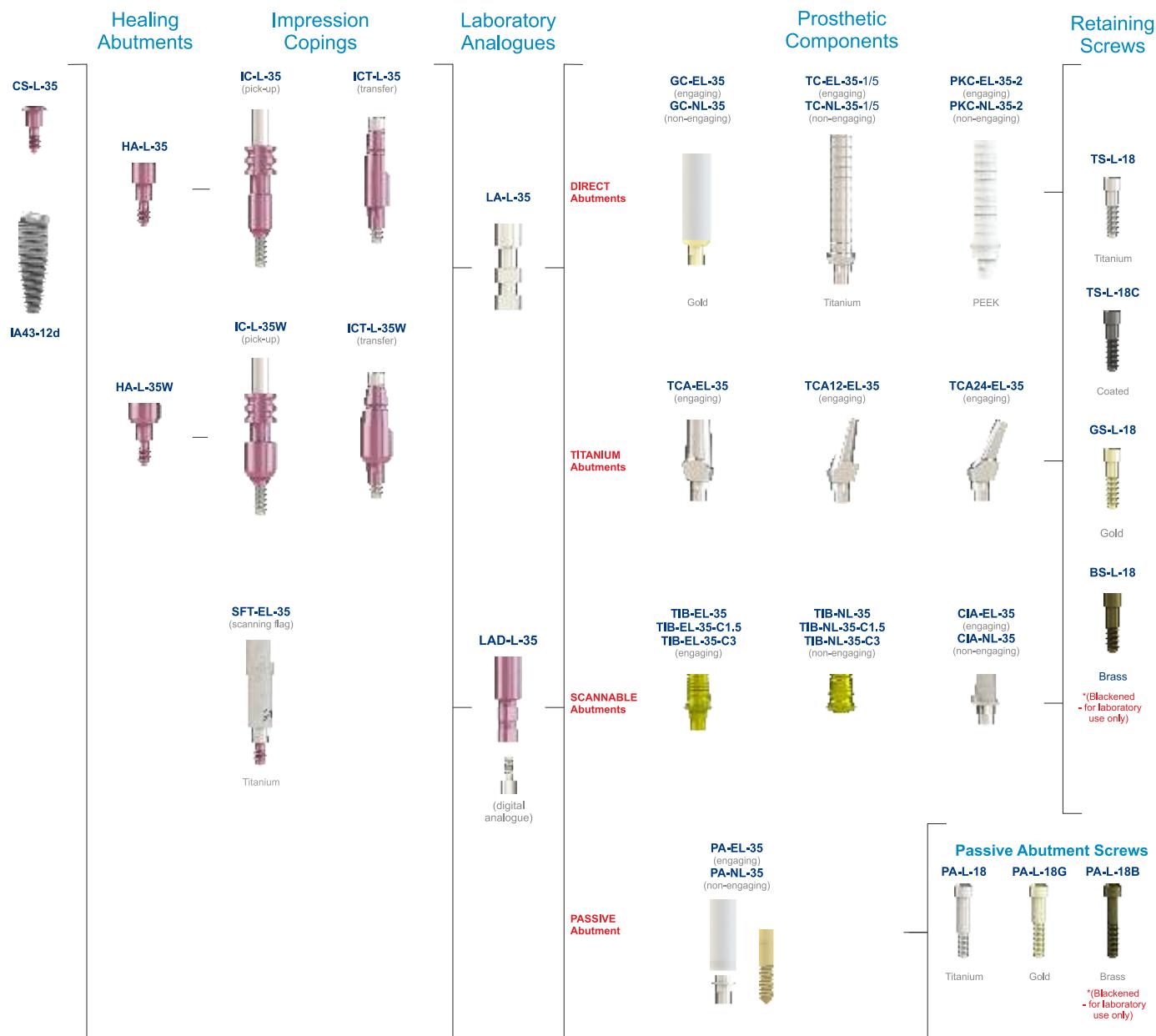
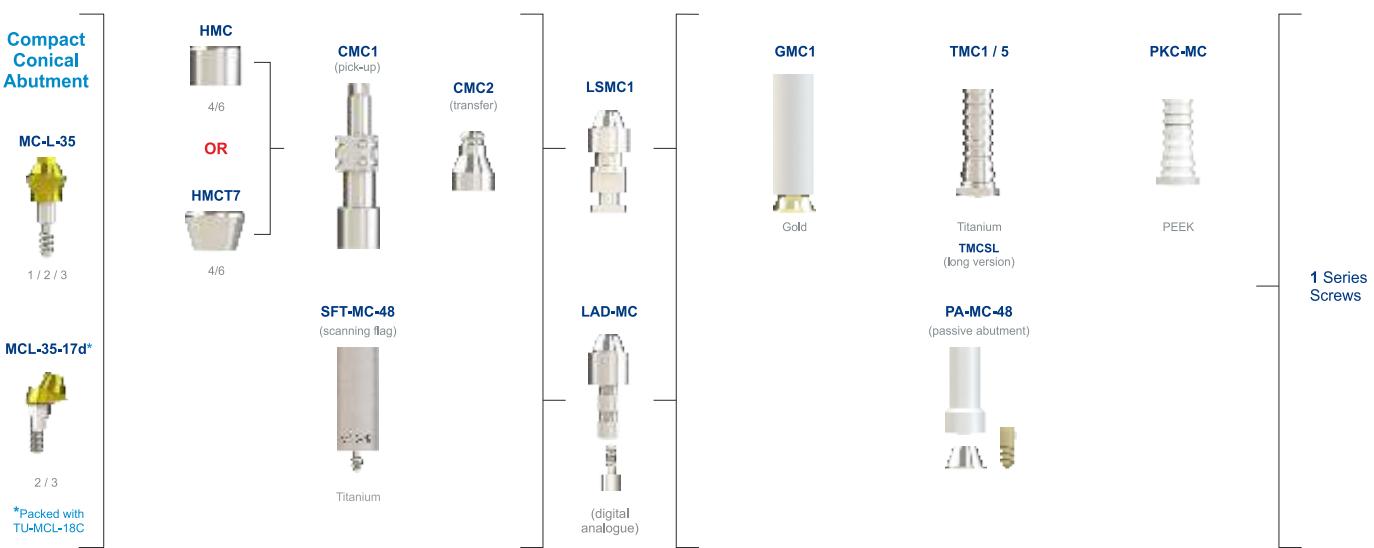


3/5/7
lengths

HA-L-35



3/5
lengths

Direct**Indirect**

NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Site Preparation Sequence

Ø4.3mm Tapered Co-Axis® (IA43-12d)

(Illustration is for 13mm implant)

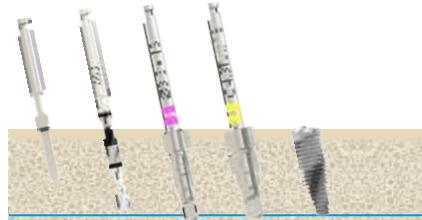
Soft Bone

D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm



Medium Bone

D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm



Dense Bone

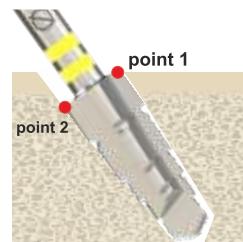
D-3Spade
Ø2.0mm
Ø3.5mm
Ø4.3mm
D-TAP-L43



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

FINAL TAPERED DRILL POSITION

PLEASE NOTE:
Point 1
This corner of the drill
is to be at bone level.



Instrumentation

Placement Tools

I-L43-12d



I-WIL-43-12d



To fit W&H Handpiece

To fit Wrench

Converters

I-WI-CST



For Handpiece
inserts
(Latch-type)
featuring the
W&H hex

I-WI-SS



For SQUARE
connection of
fixture mounts
and instruments

Drivers

I-UGI-S/M/L



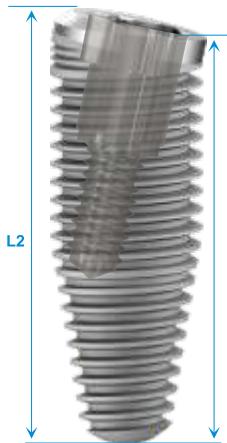
Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-NEX CO-AXIS®

Ø5.0mm

 Restore with Ø4.3 interface components



IA50-12d

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
IA50-12d-10	10.5	11.4
IA50-12d-11.5	12.0	12.9
IA50-12d-13	13.5	14.4
IA50-12d-16	16.5	17.4

Surgical Components

Cover Screw



Healing Abutments

CS-L-43

HA-L-43



Ø4.5

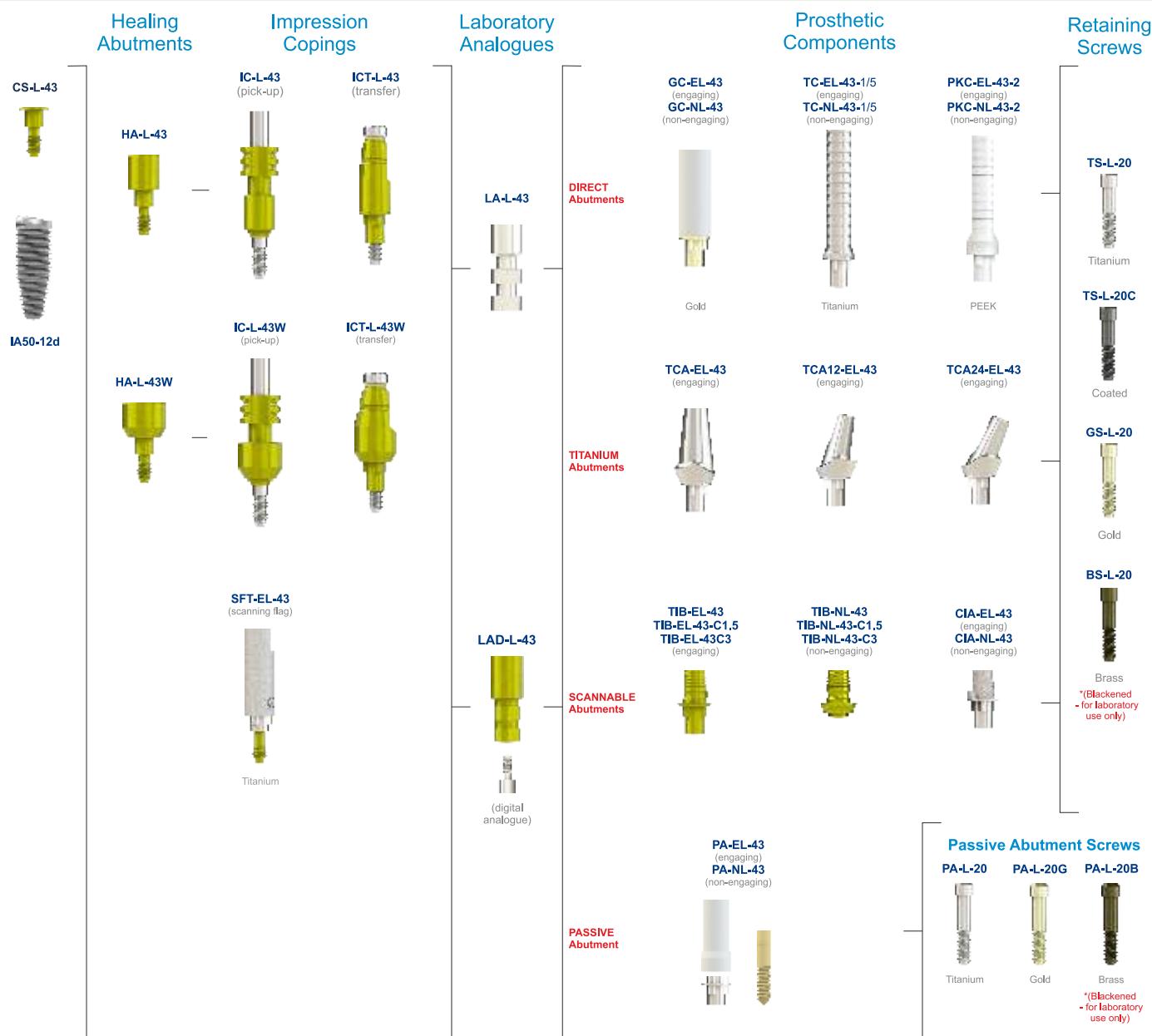
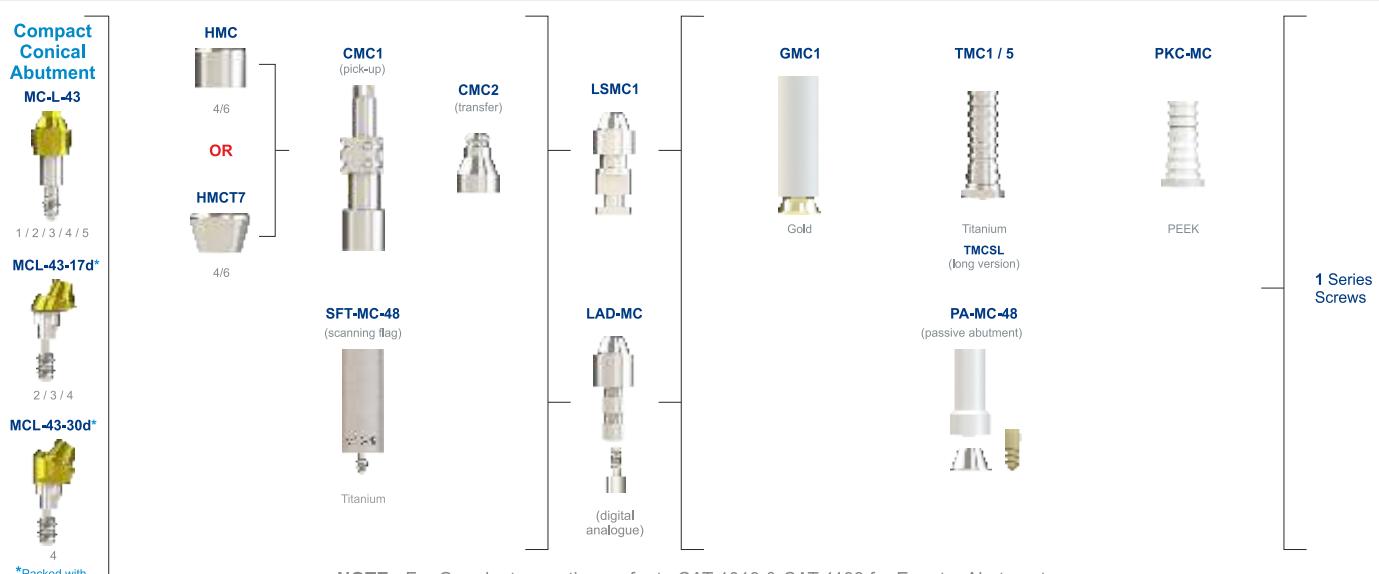
3/5/7
lengths

HA-L-43W



Ø6.0

3/5
lengths

Direct**Indirect**

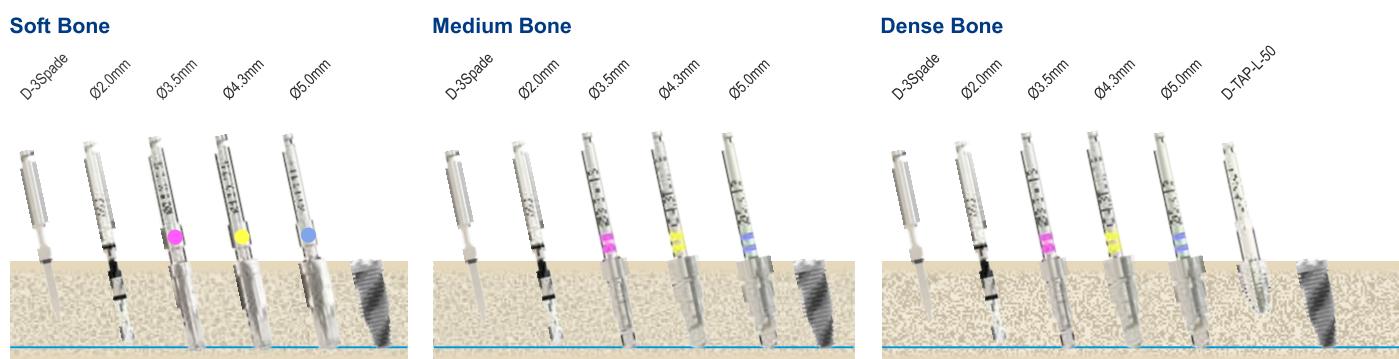
NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

*Packed with TU-MCL-20C

Site Preparation Sequence

Ø5.0mm Tapered Co-Axis® (IA50-12d)

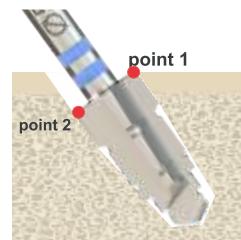
(Illustration is for 13mm implant)



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.

FINAL TAPERED DRILL POSITION

PLEASE NOTE:
Point 1
 This corner of the drill
 is to be at bone level.



Point 2
 This corner of the drill
 will be subcrestal.

Instrumentation

Placement Tools	Converters	Drivers
I-L50-12d	I-WI-CST	I-UGI-S/M/L
To fit W&H Handpiece	For Handpiece inserts (Latch-type) featuring the W&H hex	Unigrip Driver
To fit Wrench	I-WI-SS	

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
 - Most Instruments available in various lengths.
 - Refer to page 46 for Insertion Tool Protocols.

TRI-MAX®

Ø7.0mm

TRI-MAX® Ø7.0mm Implant (Tapered)

 Restore with Ø5.0 interface components



TRI-MAX7

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
TRI-MAX7-7	7.0	8.9
TRI-MAX7-9	9.0	10.0
TRI-MAX7-11	11.0	11.6

Surgical Components

Cover Screw



Healing Abutments

CS-L-50



3/5
lengths

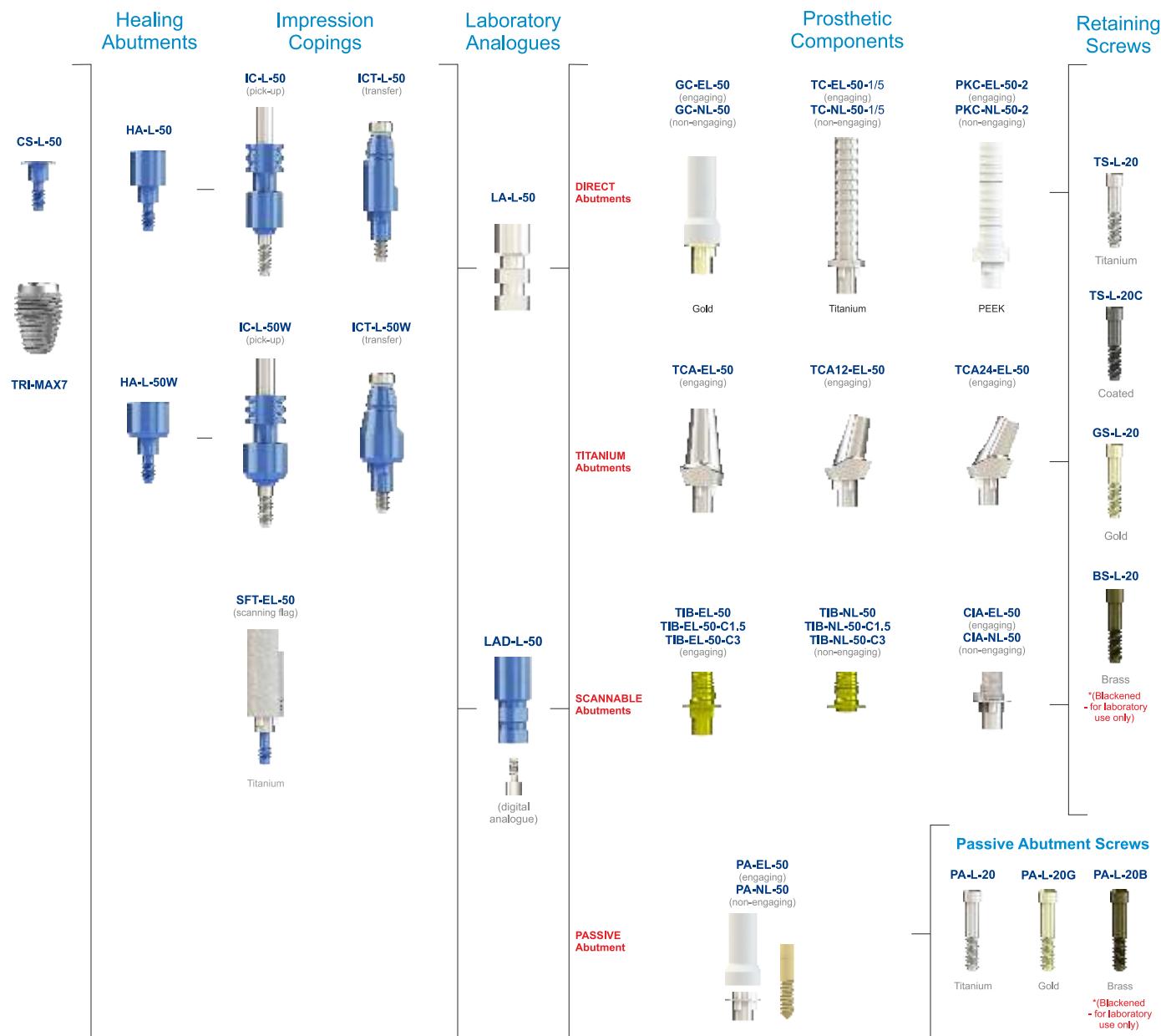
HA-L-50



3/5
lengths



Direct

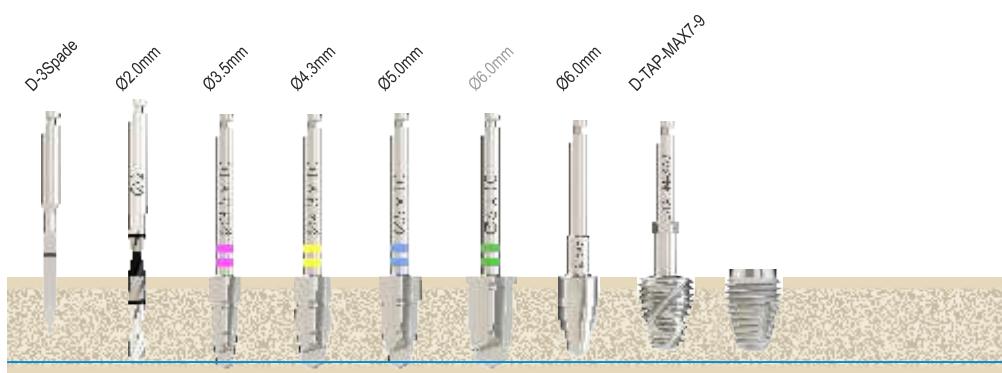


NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Site Preparation Sequence

$\varnothing 7.0\text{mm Tapered (TRI-MAX7)}$

(illustration is for 9mm length implant)



NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

Additional Drills & Instrumentation

Dedicated Drills	Dedicated Taps	Profile Gauges
D-MAX6-7 D-MAX6-9 D-MAX6-11	D-70TP-7 D-70TP-9 D-70TP-11	D-TAP-MAX7-7 D-TAP-MAX7-9 D-TAP-MAX7-11

(Optional intermediate drill)

NOTE: Longer Shaft Lengths available



Placement Tools



To fit W&H Handpiece

Universal Handpiece

Converters



For Handpiece inserts (Latch-type) featuring the W&H hex



For SQUARE connection of fixture mounts and instruments

Drivers



Unigrip Driver

NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-MAX®

Ø8.0mm

TRI-MAX® Ø8.0mm Implant (Tapered)

 Restore with Ø6.0 interface components



TRI-MAX8

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
TRI-MAX8-7	7.0	8.9
TRI-MAX8-9	9.0	10.0
TRI-MAX8-11	11.0	11.6

Surgical Components

Cover Screw



Healing Abutments

CS-L-60



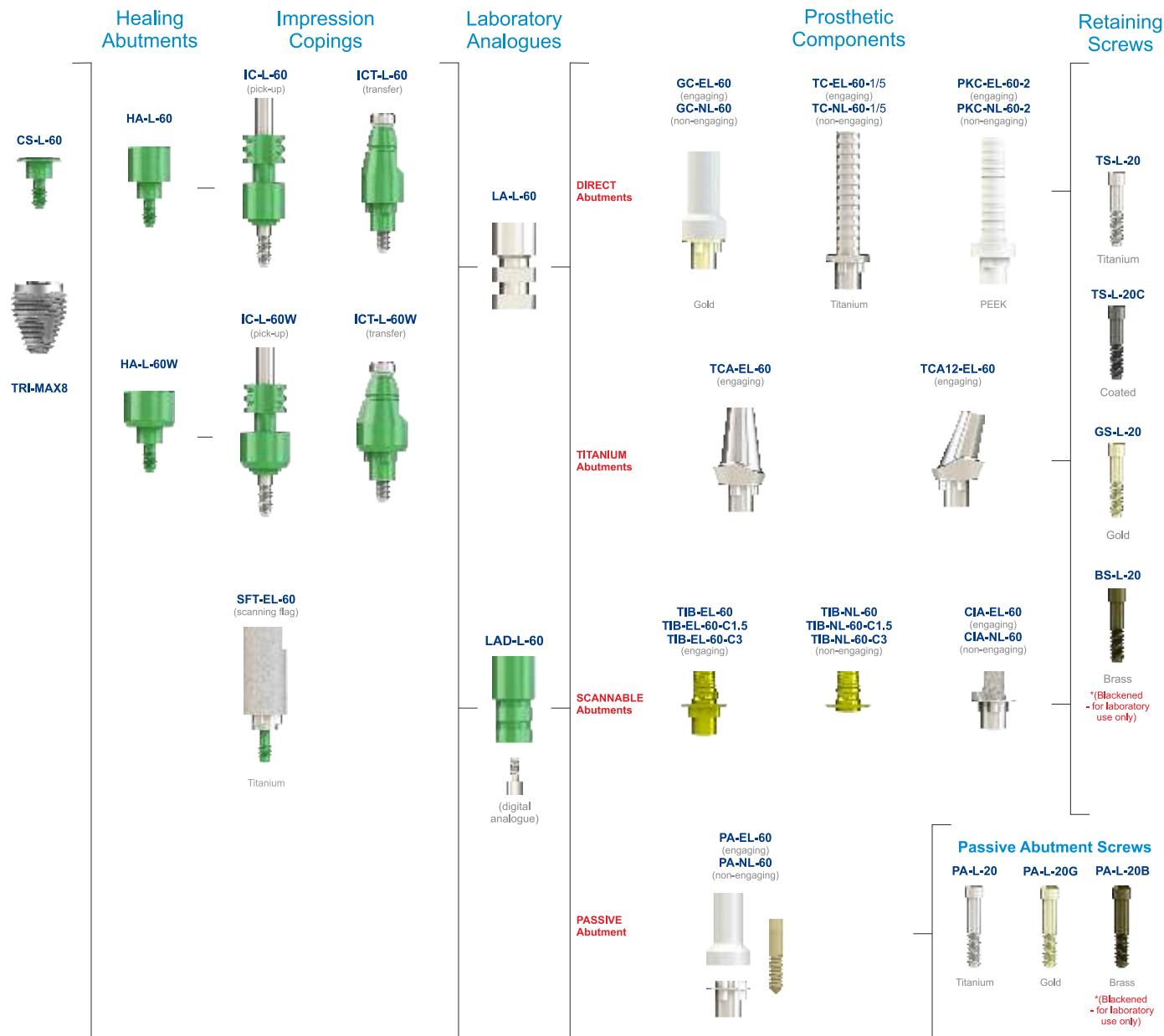
HA-L-60



HA-L-60W



Direct

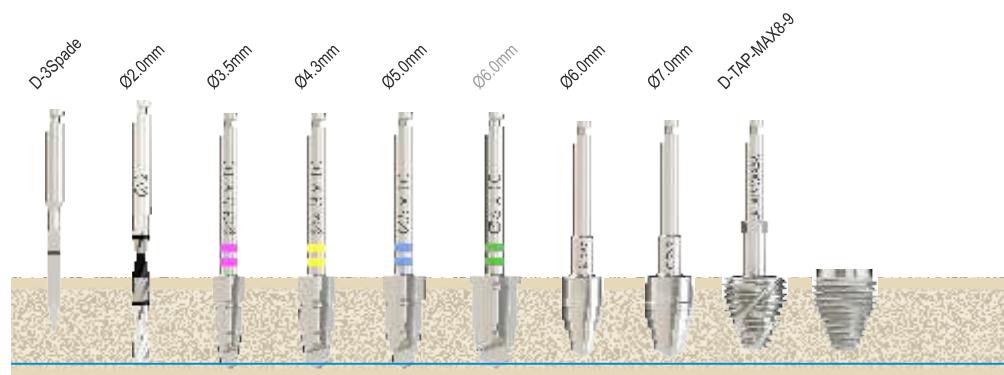


NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Site Preparation Sequence

Ø8.0mm Tapered (TRI-MAX8)

(illustration is for 9mm length implant)

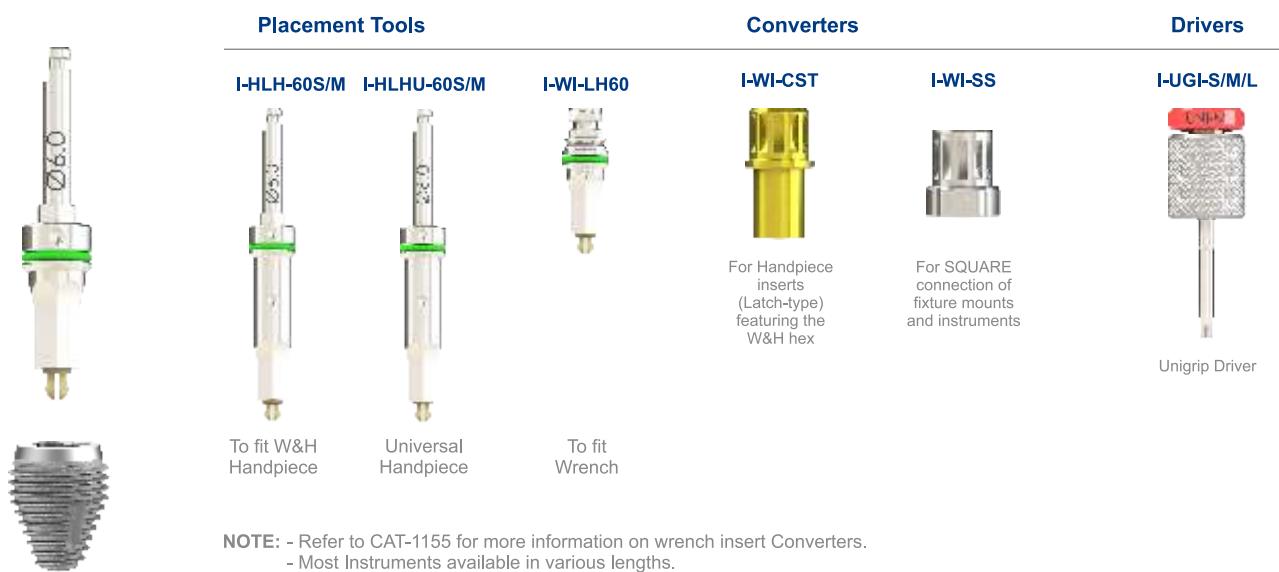


NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

Additional Drills & Instrumentation



NOTE: Longer Shaft Lengths available



NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

TRI-MAX®

Ø9.0mm

TRI-MAX® Ø9.0mm Implant (Tapered)

⚠️ Restore with Ø6.0 interface components



TRI-MAX9

Implants are available in lengths of:

NOTE: Implant dimensions and information - page 54

ITEM CODE TAPERED	IMPLANT LENGTHS (in mm)	
	L1	L2
TRI-MAX9-7	7.0	8.9
TRI-MAX9-9	9.0	10.0
TRI-MAX9-11	11.0	11.6

Surgical Components

Cover Screw



Healing Abutments

CS-L-60

HA-L-60

HA-L-60W

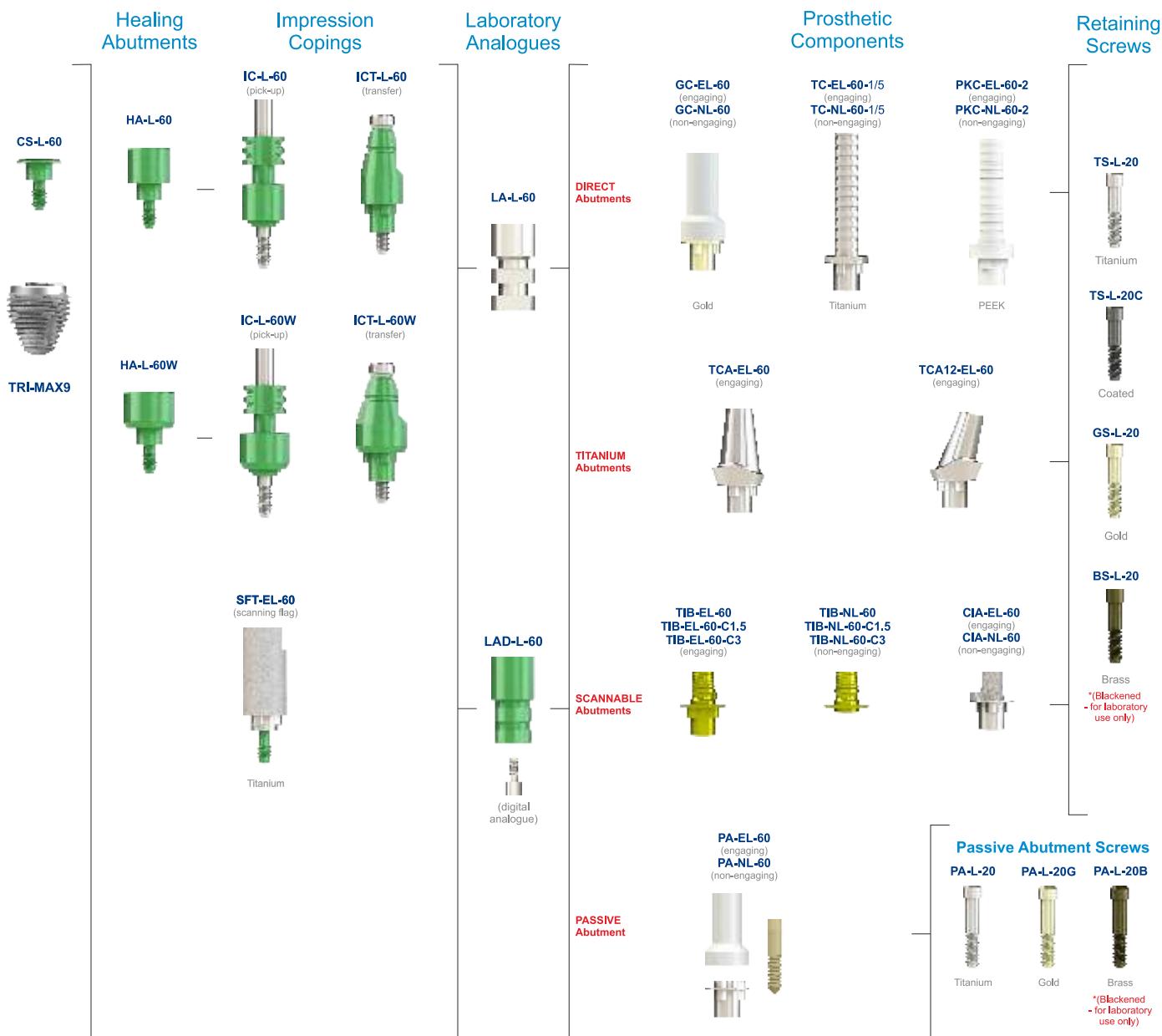


3/5
lengths



3/5
lengths

Direct

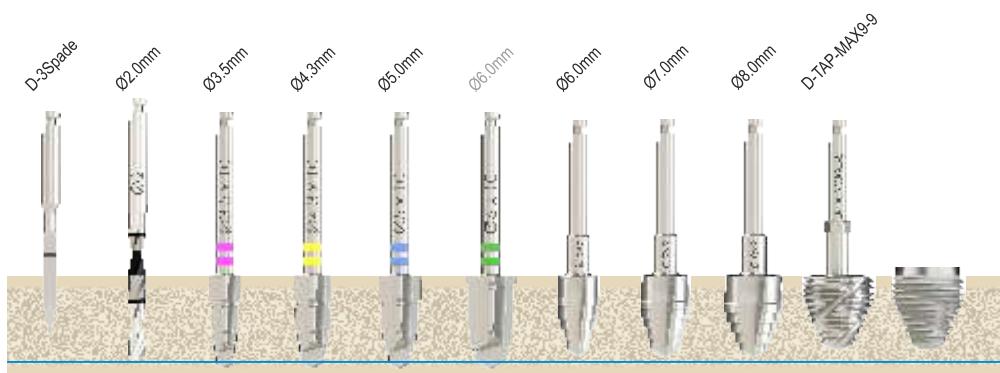


NOTE: For Overdenture options refer to CAT-1019 & CAT-1189 for Equator Abutments.

Site Preparation Sequence

Ø9.0mm Tapered (TRI-MAX9)

(illustration is for 9mm length implant)

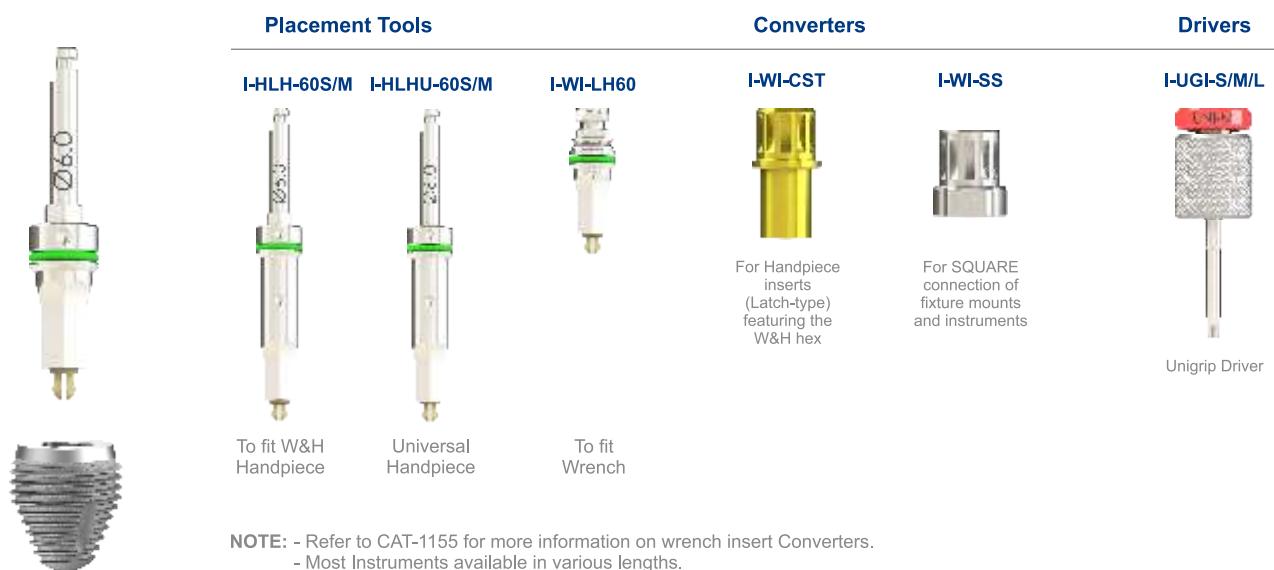


NOTE: - Site preparation sequences recommended by Southern Implants do not replace the judgement and experience of the surgeon.
- Drill length of intermediate drills may differ from the length of definitive drills.

Additional Drills & Instrumentation



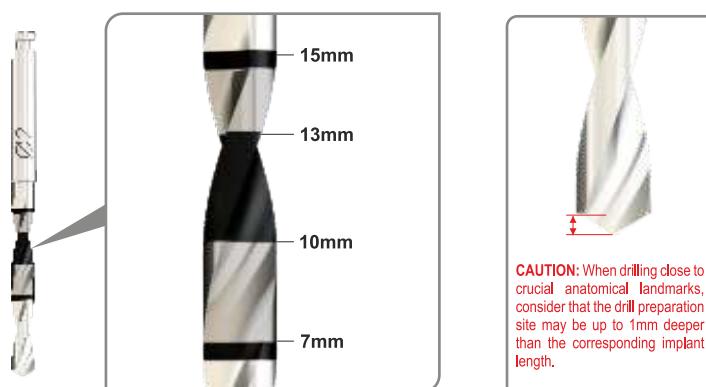
NOTE: Longer Shaft Lengths available



NOTE: - Refer to CAT-1155 for more information on wrench insert Converters.
- Most Instruments available in various lengths.
- Refer to page 46 for Insertion Tool Protocols.

DRILL INFORMATION

Twist Drill Markings



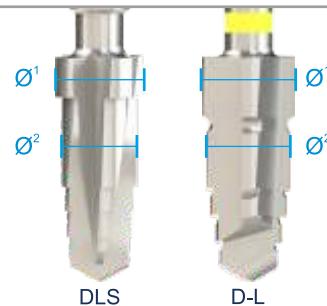
Soft Bone Drills



CODES

DLS-35-8 / 10 / 11.5 / 13 / 16
DLS-43-8 / 10 / 11.5 / 13 / 16
DLS-50-8 / 10 / 11.5 / 13 / 16
DLS-60-8 / 10 / 11.5 / 13 / 16

The different collar markings stand proud from the tray to ensure easy selection.



Medium/Hard Bone Drills



CODES

D-L-35-8 / 10 / 11.5 / 13 / 16
D-L-43-8 / 10 / 11.5 / 13 / 16
D-L-50-8 / 10 / 11.5 / 13 / 16
D-L-60-8 / 10 / 11.5 / 13 / 16

The regular tapered drills (D-L-35/43/50/60) are recommended for medium to hard bone and the slightly slimmer versions (DLS-35/43/50/60) are more suitable for use where the patient presents with soft to medium bone.

DLS			D-L		
CODES	\varnothing^1	\varnothing^2	CODES	\varnothing^1	\varnothing^2
DLS-35	3.8	3.0	D-L-35	3.9	3.2
DLS-43	4.3	3.7	D-L-43	4.6	4.2
DLS-50	5.0	4.4	D-L-50	5.1	4.5
DLS-60	6.0	5.4	D-L-60	6.1	5.5

Taps - Tapered



CODES
D-TAP-L-35
D-TAP-L-43
D-TAP-L-50
D-TAP-L-60

D-TAP-L-43

Taps - Cylindrical



CODES
D-TAP-LS-35
D-TAP-LS-43
D-TAP-LS-50

D-TAP-LS-43

DRIVER INFORMATION

Unigrip Drivers



Abutment Drivers (for Compact Conical Abutments)



HEX Drivers



NOTE: Refer to CAT-1203 for alternative Drivers

TORQUE TABLE FOR SOUTHERN SCREWS

Unigrip Prosthetic screws

M1.8



TS-L-18

TS-L-18C
(coated)

GS-L-18

BS-L-18*

TORQUE:
32Ncm
Head
Diameter:
2.50mm

M2



TS-L-20

TS-L-20C
(coated)

GS-L-20

BS-L-20*

TORQUE:
32-40Ncm
Head
Diameter:
2.50mm

Note: Screw TORQUE with PEEK Prosthetics: 15Ncm

Note: Screw TORQUE with PEEK Prosthetics: 20Ncm

Unigrip Passive Abutment screws

M1.8



PA-L-18

PA-L-18G

PA-L-18B*

TORQUE:
32Ncm
Head
Diameter:
2.70mm

M2



PA-L-20

PA-L-20G

PA-L-20B*

TORQUE:
32-40Ncm
Head
Diameter:
2.70mm

Digital Laboratory Analogue screw

1.22 Hex



LAD-S

TORQUE:
Finger tighten
Head Diameter:
2.40mm

NOTE: Screw supplied with all Digital Analogues

TIB Abutment Screw

1.22 Hex



TORQUE:
32-40Ncm
Head Diameter:
2.40mm

TS-IT-TIB

1 Series screws

M1.4

1.22 Hex



TSH1

GSH1

BSH1*

Unigrip



TSU1

GSU1

TORQUE:
10-15Ncm
Head
Diameter:
2.25mm

Note: Screw TORQUE with PEEK Prosthetics: 10 - 15Ncm

Angled Compact Conical Abutment screws



TU-MCL-18C
(coated)



GU-MCL-18

TORQUE:
20Ncm
Head
Diameter:
2.25mm



TU-MCL-20C
(coated)



GU-MCL-20

TORQUE:
20Ncm
Head
Diameter:
2.45mm

NOTE: • Due to design revisions screw tips may be flat or rounded.
• Always ensure that the correct screw is used for the relevant implant and component.
• (Blackened and for laboratory use only)

Screw Head Connections

Hex

Unigrip



INSERTION TOOL PROTOCOLS

Implant Placement for TRI-NEX & TRI-MAX Implants

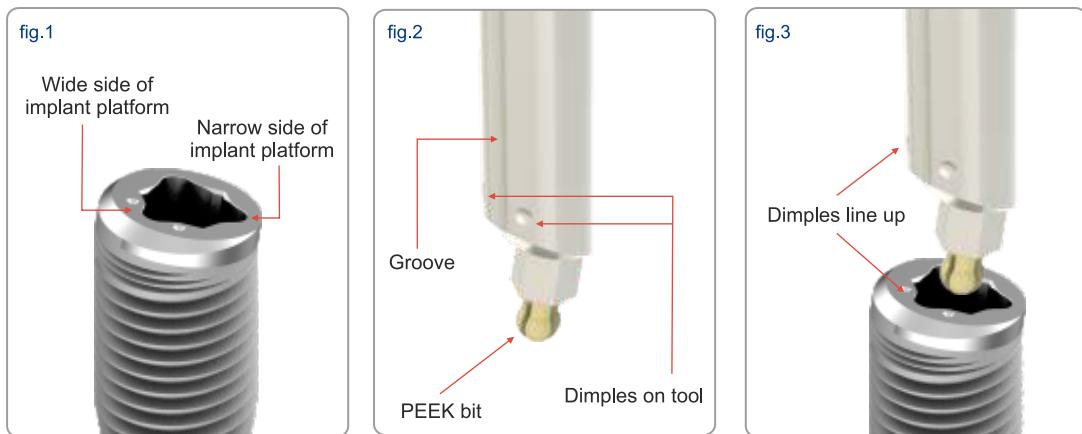
Pick-up and placement procedure

1. The tool I-HLH is used to pick up the implant from the packaging.
2. The dimples of the tool and lobes of the implant should line up. This allows alignment of a lobe buccally.
3. The hexagon must be fully engaged before torque is applied to the implant, to prevent any damage. The hexagon is fully engaged when the straight portion of the hexagon tool is almost completely sunken in the implant (fig.1).
4. The implant is placed in the prepared site and screwed in with a motor unit at 10-15 rpm while applying downwards pressure.



Instructions for inserting the Insertion Tool for the TRI-NEX Co-Axis™ Implant

1. Identify the two dimples on the implant platform. This side lines up with one of the lobes (fig.1).
2. Identify the dimples on the insertion tool (fig.2).
3. Line up the dimples on the insertion tool with the dimples on the implant platform (fig.3). Push the tool into the implant until the insertion tool fits flush with the implant.



Important: The PEEK bits (I-PBIT-L18 /L20) should be replaced on a regular basis. General wear & tear are to be expected with regular use. (Items sold separately)

NOTE: - I-PBIT-L18 for Ø3.5mm interface instrumentation only.
- I-PBIT-L20 for Ø4.3mm, Ø5.0mm & Ø6.0mm interface instrumentation.

INSERTION TOOL PROTOCOLS

Insertion Tool Removal Protocol

1. To remove the insertion tool from the implant, pull the insertion tool in the direction perpendicular to restorative platform and parallel to prosthetic axis (fig.1).
2. The insertion tool will be removed in the direction of the pulling force (fig.2).

NOTE: Do not detach the insertion tool from implant before final placement is confirmed (after final X-rays are taken). Detach the insertion tool from the hand-piece only.



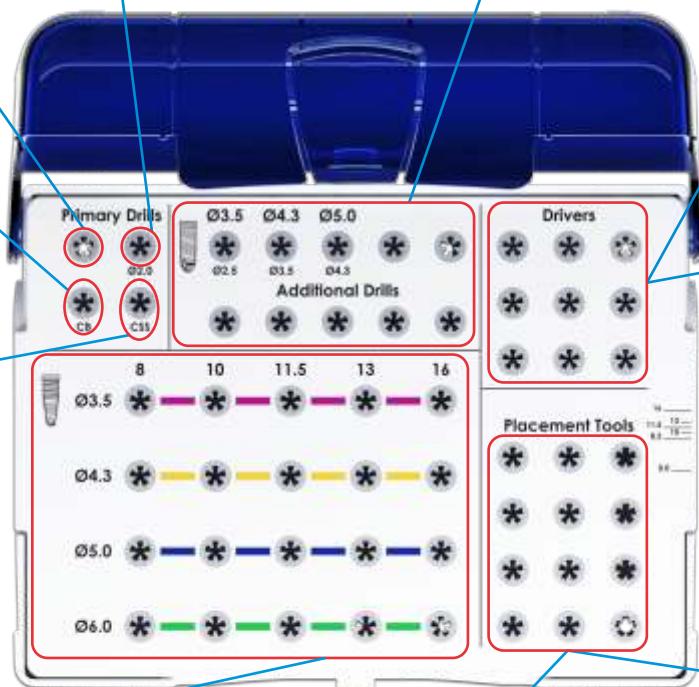
INSTRUMENT TRAY

I-TRI-NEX-EG for surgical placement of TRI-NEX Implants

Upper Tray



Dedicated Twist Drills			
Ø2.5mm	Ø2.9mm	Ø3.0mm	Ø3.3mm
D-25T-M15	D-29T-M15	D-30T-M10	D-33T-M10
D-25T-M20	D-29T-M20	D-30T-M15	D-33T-M15
Ø3.5mm	Ø4.0mm	Ø4.3mm	Ø4.6mm
D-33T-M15	D-40T-M10	D-30T-M10	D-30T-M10
D-40T-M15	D-30T-M15	D-30T-M15	D-30T-M15



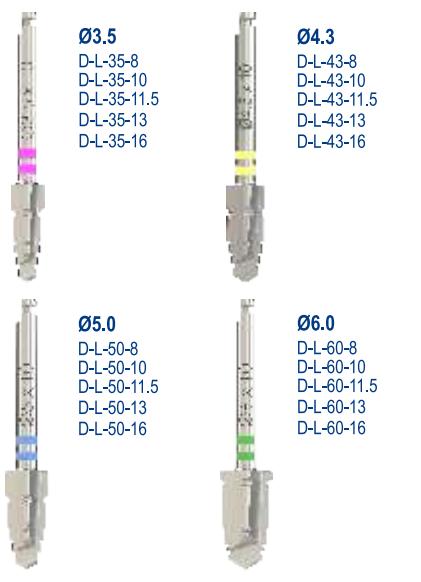
Universal 1.22/1.27 Hex Drivers



Compact Conical Abutment Drivers



INTERMEDIATE TAPERED DRILLS



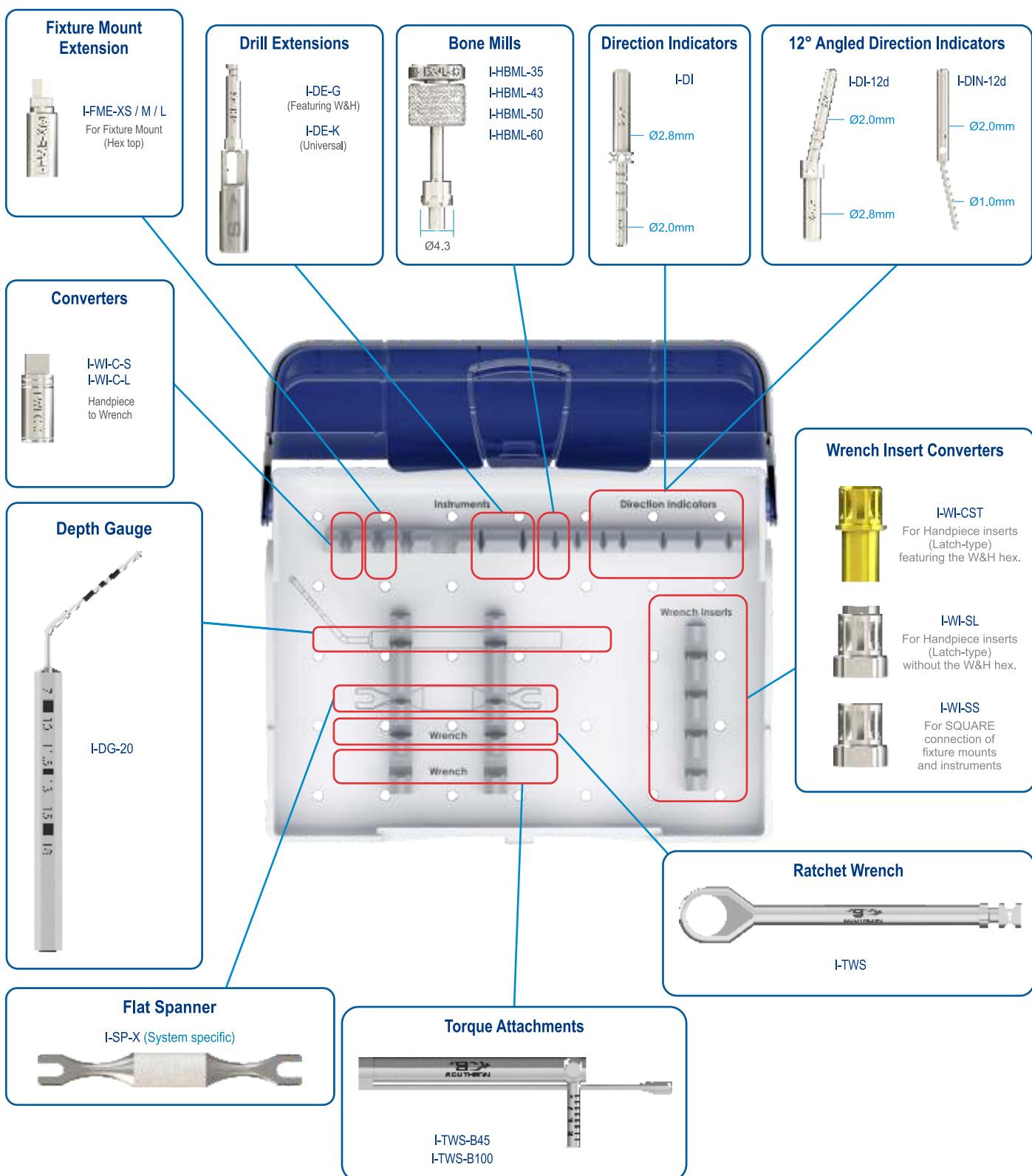
Placement Tools



Placement Tools Co-Axis 12°



Lower Tray



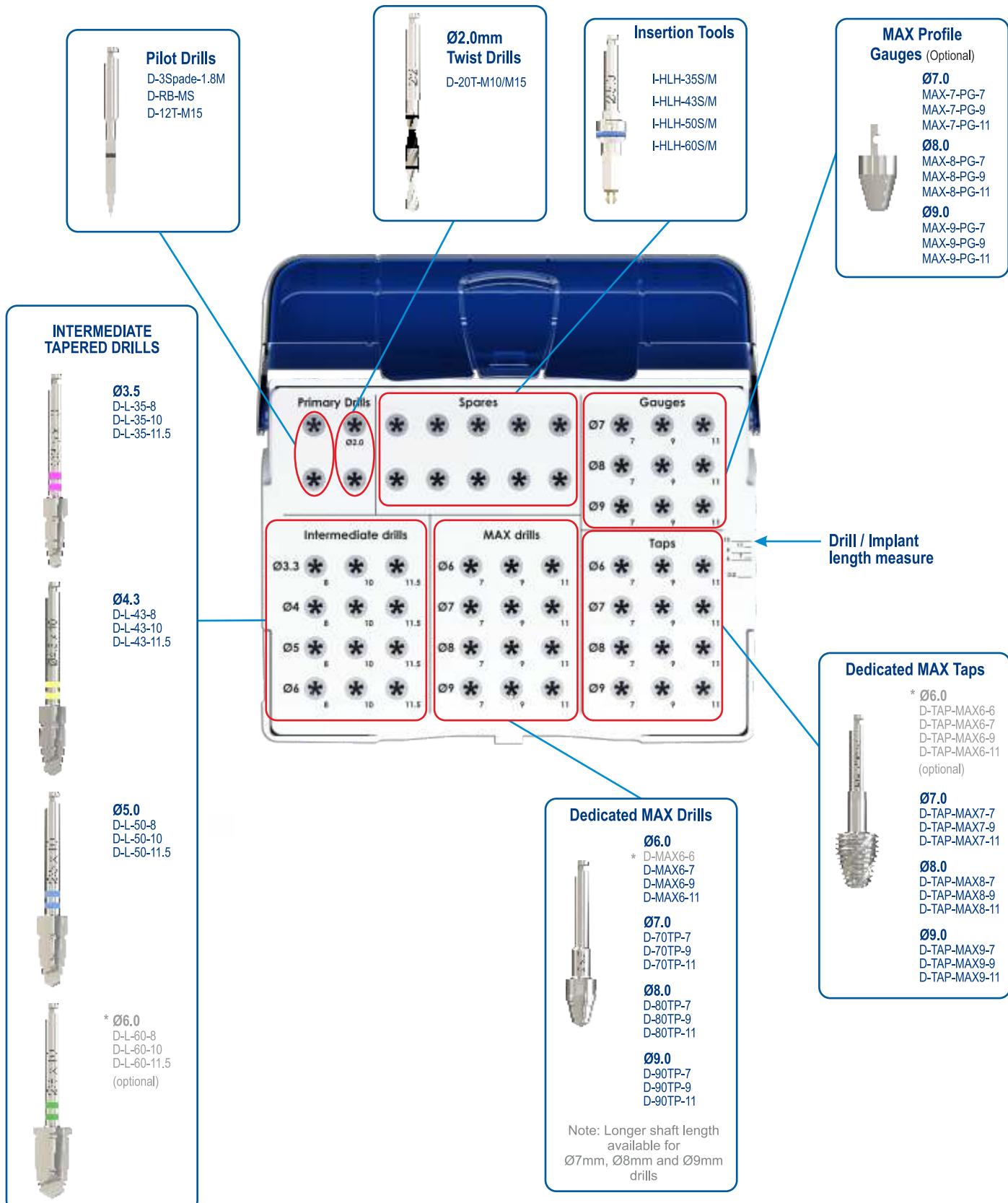
NOTE:

- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most Instruments available in various lengths.
- All instruments and tooling used during the procedure must be maintained in good condition, and cleaned and sterilized prior to use. Please consult the Southern Implants Cleaning and Sterilization Procedure Guidelines (CAT-1039) for guidance concerning the maintenance of drills, instruments, and surgical trays.

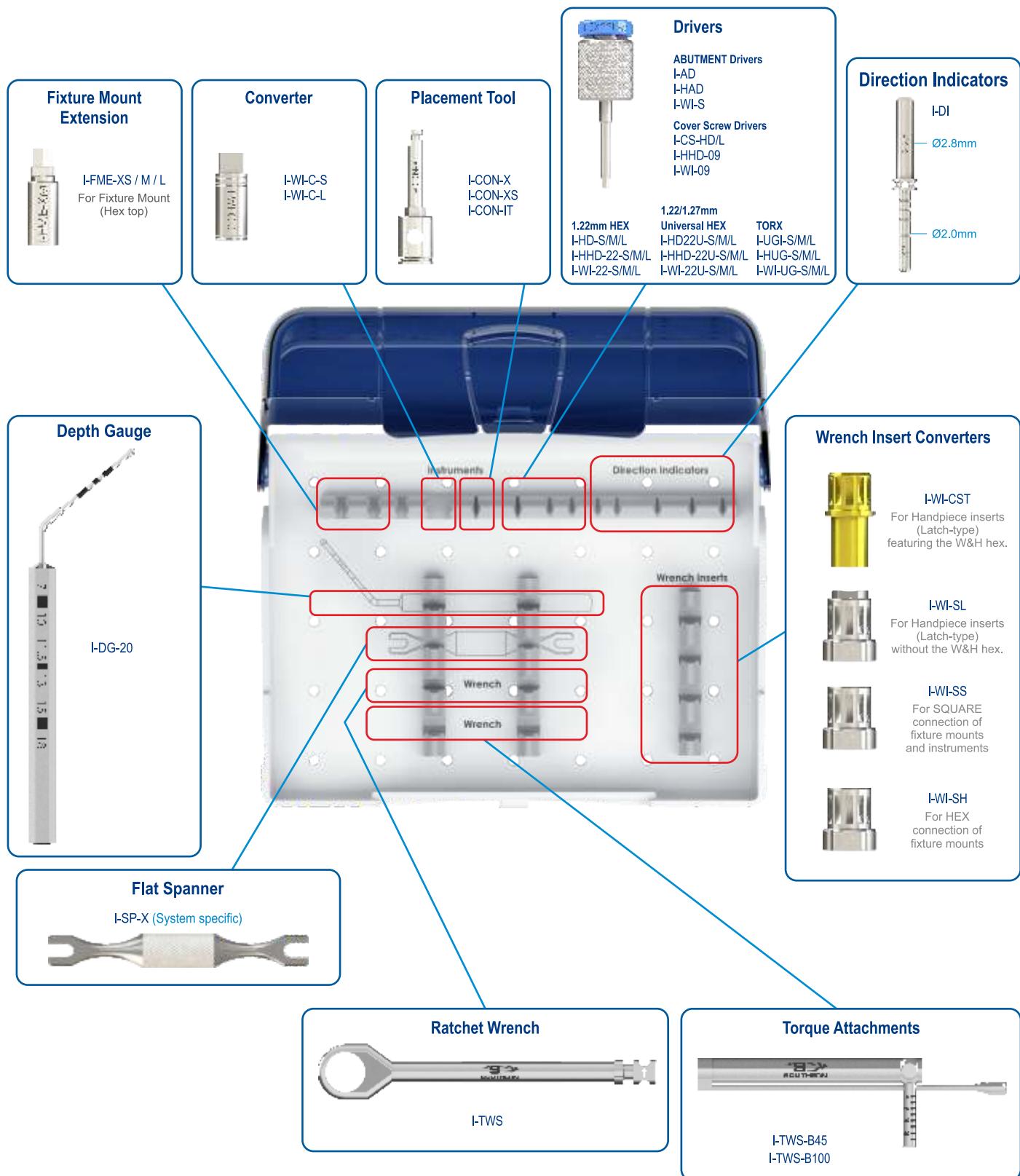
INSTRUMENT TRAY

I-MAX-EG for surgical placement of TRI-MAX Implants

Upper Tray



Lower Tray

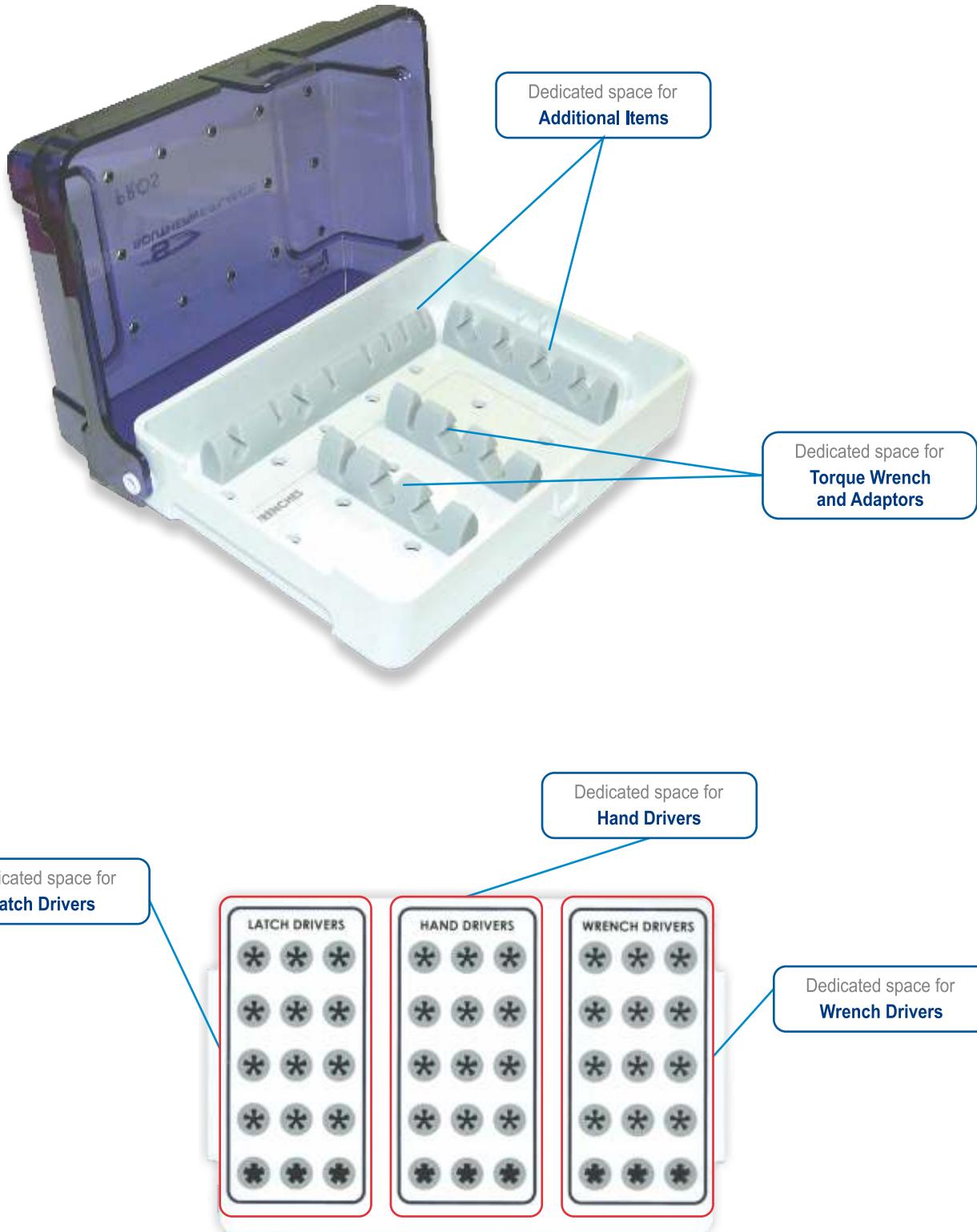


NOTE:

- The surgical kit has an intuitive layout to guide the surgeon through the drill sequence.
- Most Instruments available in various lengths.
- Profile Gauges available for Ø7.0mm, Ø8.0mm & Ø9.0mm implants only.
- All instruments and tooling used during the procedure must be maintained in good condition, and cleaned and sterilized prior to use. Please consult the Southern Implants Cleaning and Sterilization Procedure Guidelines (CAT-1039) for guidance concerning the maintenance of drills, instruments, and surgical trays.

INSTRUMENT TRAY

I-PROS-EG Prosthetic Instrument Tray



NOTE:

- This instrument tray is to be **customised by the user** to be suitable for use with the preferred implant system and its surgical or prosthetic items.
- Most Instruments available in various lengths.

TRI-NEX NATURAL HORIZONTAL OFFSET

The **horizontal offset** or **platform shifting** concept implies that the prosthetic components emerge from the implant at a diameter smaller than the diameter of the implant neck. In this way, the prosthetic connection is displaced horizontally inwards from the perimeter of the implant, creating space for a collar of soft tissue at the abutment/implant interface. This concept has been widely published with reports of improved bone response.

In fig.1 a TRI-NEX implant is shown with a 12°angled Cosmetic Abutment attached. Please note the horizontal offsets as indicated.



Coated Titanium Retaining Screws



TS-L-18C
(M1,8)

Southern Implants introduces a new retaining screw with a low friction coating, that is suitable for use with the TRI-NEX range of implants and prosthetic components.

Advantages of a Coated Screw:

The screws with low friction coating provides the user with a similar pre-load to that of a gold screw but with the added advantage of having the tensile strength of a titanium alloy screw.



TS-L-20C
(M2,0)

Specifications of the low friction coating:

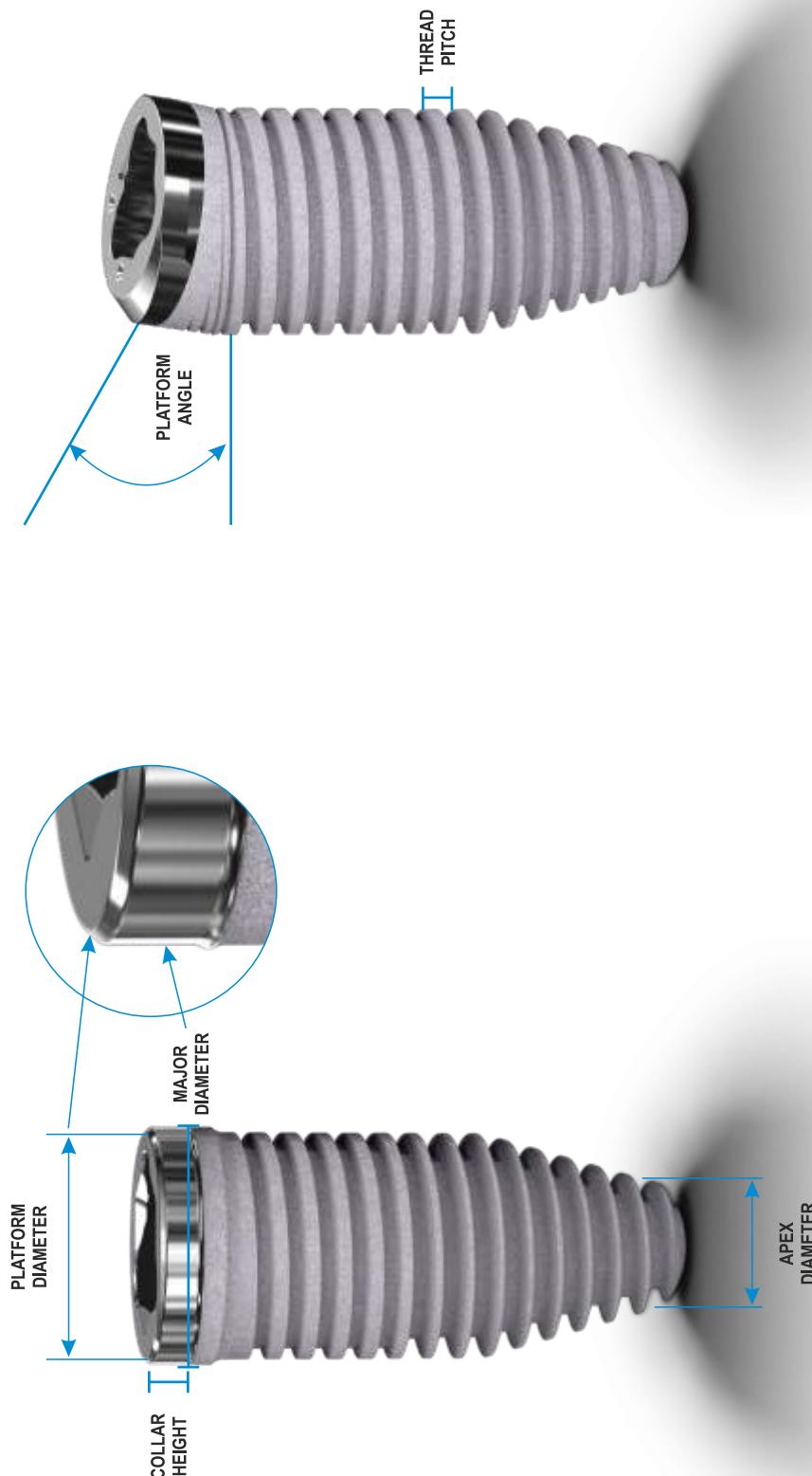
- Biocompatible
- Very low friction (both under ambient and wet conditions)
- Proven performance

Extensive testing has verified the unique performance of the coating, showing that the friction properties become even better upon re-tightening.

Please note that improperly tightened screws are more likely to experience fatigue fracture, hence the necessity for controlled tightening and re-tightening, to maintain optimal pre-load.

IMPLANT DIMENSIONS AND INFORMATION

RANGE	MAJOR DIAMETER	PLATFORM DIAMETER	Prosthetics	COLLAR HEIGHT	THREAD PITCH	APEX DIAMETER	PLATFORM ANGLE	Cylindrical or Tapered	IMPLANT LENGTH CODES
IA-LH-35	Ø3.5mm	3.5	●	0.8	0.6	2.0	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LHS-35	Ø3.5mm	3.5	●	0.8	0.6	2.0	C	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LH-43	Ø4.3mm	4.5	●	0.8	0.6	2.4	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LHS-43	Ø4.3mm	4.5	●	0.8	0.6	2.4	C	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LH-50	Ø5.0mm	5.2	●	0.8	0.6	3.0	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LHS-50	Ø5.0mm	5.2	●	0.8	0.6	3.0	C	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA-LH-60	Ø6.0mm	6.2	●	0.8	0.6	3.9	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA43-12d	Ø4.3mm	4.4	●	0.8	0.6	2.4	T	12°	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
IA50-12d	Ø5.0mm	5.0	●	0.8	0.6	3.0	T	12°	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
									7 9 11
TRI-MAX7	Ø7.0mm	7.5	●	see page 30	0.8	4.4	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
TRI-MAX8	Ø8.0mm	8.0	●	see page 34	0.8	3.9	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
TRI-MAX9	Ø9.0mm	9.0	●	see page 38	0.8	4.9	T	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓



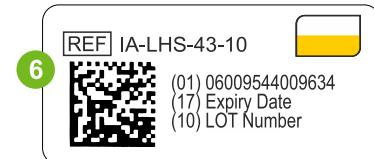
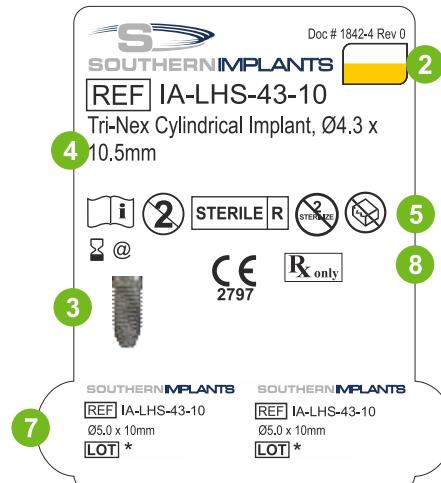
NOTE: • All dimensions in this catalogue are in mm, unless otherwise specified
• Not all products are cleared for sale in all countries.

EXPLANATION OF SYMBOLS

The following symbols are used on packaging labels and they indicate the following:

- 1**  **Manufacturer**
- 2**  **Colour code indicating platform diameter**
- 3** **Implant image**
- 4** **Implant details and size**
- 5**  **Sterilization using Irradiation**
 -  **Do not Resterilize**
 -  **Consult instruction for use**
 -  **Do not reuse**
 -  **CE mark and notified body number**
 -  **Use by mm-yy**
 -  **Sterile unless package is opened or damaged**
- 6** **2D Bar code**
Contains the GTIN, Expiry Date and Lot Number
- 7** **Patient sticker for documentation purposes**
(to be used by health care provider on patient file)
- 8**  **Prescription device**

**CAUTION: FEDERAL LAW RESTRICTS THE DEVICE TO SALE BY
OR ON THE ORDER OF A LICENCED HEALTH CARE PROVIDER.**



Platform Interface

- | | |
|---|-------------|
|  | Ø3.5 |
|  | Ø4.3 |
|  | Ø5.0 |
|  | Ø6.0 |



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