

Dental Implants & Prosthetics*

COMPENDIUM



PSI-Series



IP-Series



SP-Series



AK-Series



B-Series



C-Series



ZE-Series

POWERING SMILES

World class facility for Dental Implants

Kamal has commissioned **50,000 Sq. ft state of art** manufacturing facility at Delhi NCR, India.

The facility has been equipped with best in class clean rooms, sliding head swiss Tornos machines, surface preparation and final cleaning equipment needed for meeting most stringent requirement for a world class product.

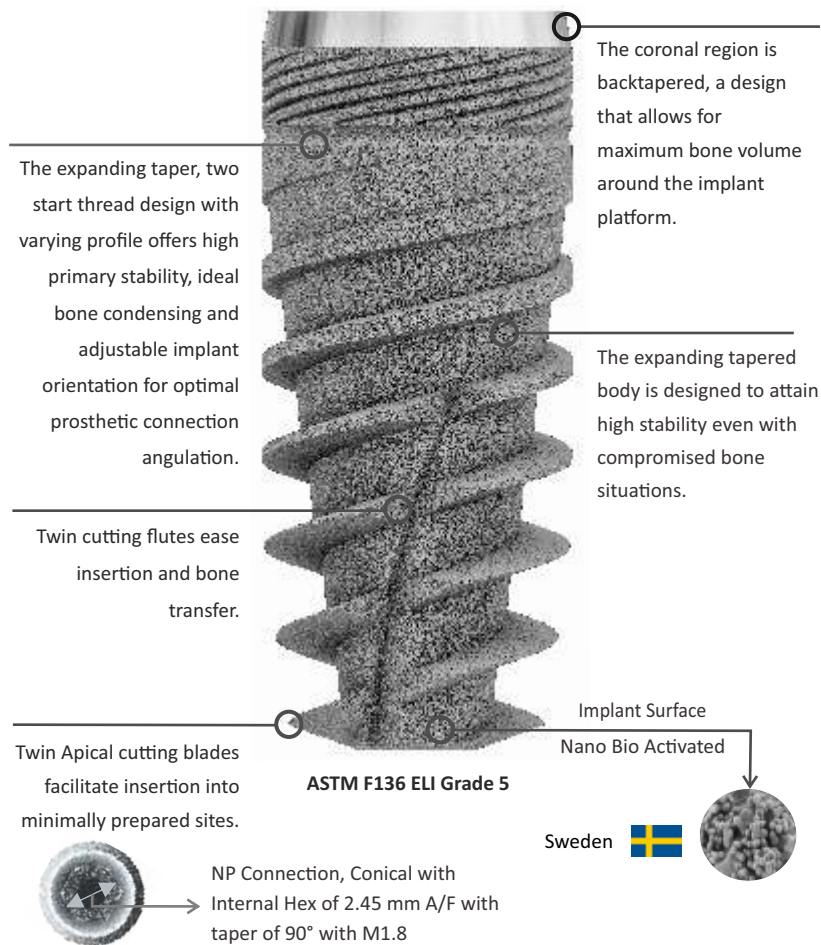
Our products are compliant to **MDD 93/42/EEC as amended up to 2007/47/EC** .

Also EUMDR is under process and will be in compliance by end of 2026.

Our on-premises DIGITAL LAB provides perfect fit **Dental Prosthetics**.

An end to end solution under a single roof.

i-Fix[®] IP+ Series



Notes : Implant co-packed with cover screw

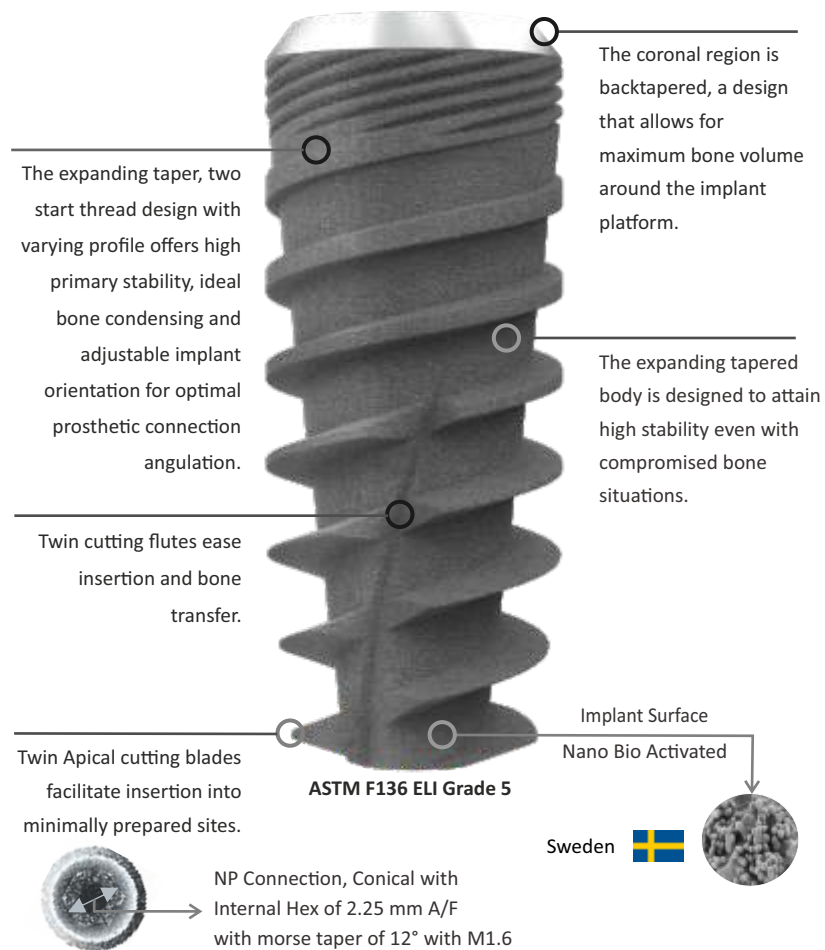
Implant Available Size

Diameter \ Length	7.5 mm	8.5 mm	10 mm	11.5 mm	13 mm	15 mm	18 mm	20 mm
3.5	X	IP350850	IP350100	IP350115	IP350130	IP350150	IP350180	IP350200
4.0		IP400750	IP400850	IP400100	IP400115	IP400130	IP400150	IP400180
4.5		IP450750	IP450850	IP450100	IP450115	IP450130	IP450150	X
5.0		IP500750	IP500850	IP500100	IP500115	IP500130	IP500150	X
5.5		IP550750	IP550850	IP550100	IP550115	IP550130	X	X

Material: ASTM F136 ELI Grade 5/Grade 23

i-Fix[®]

IP-Series[#]



Notes : Implant co-packed with cover screw

* Details-Over leaf

** Size matrix-Over leaf

IP-Series is the same of i-Fix Pro

Implant Available Size

Diameter \ Length	7.5 mm	8.5 mm	10 mm	11.5 mm	13 mm	15 mm	18 mm	20 mm
3.5	X	IP350850	IP350100	IP350115	IP350130	IP350150	IP350180	IP350200
4.0	IP400750	IP400850	IP400100	IP400115	IP400130	IP400150	IP400180	IP400200
4.5	IP450750	IP450850	IP450100	IP450115	IP450130	IP450150	X	X
5.0	IP500750	IP500850	IP500100	IP500115	IP500130	IP500150	X	X
5.5	IP550750	IP550850	IP550100	IP550115	IP550130	X	X	X

Abutments



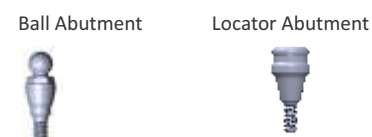
Multi Unit *



Prosthetic Components **



Over Denture Solution **



Digital Library Link -

<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/IP-Series>

Multi Unit Abutments *

Description	Article Code	
Straight Multi-Unit abutment 1.5mm collar	STMUA15	
Straight Multi-Unit abutment 3.5mm collar	STMUA35	
17 Deg. Multi-Unit abutment 2.5mm collar	17MUA25	
17 Deg. Multi-Unit abutment 3.5mm collar	17MUA35	
30 Deg. Multi-Unit abutment 3.5mm collar	30MUA35	
30 Deg. Multi-Unit abutment 4.5mm collar	30MUA45	
Healing cap Multi-Unit abutment	HCMUA	
Abutment screw(M1.6mm) Multi-Unit	ASMUA	
Prosthetic screw(M1.4mm) Multi-Unit	PSMUA	
Temporary coping Multi-Unit	TCMUA	
Open Tray impression coping Multi-Unit	OTICMUA	
Closed Tray impression coping Multi-Unit	CTICMUA	
Abutment Analog Multi-Unit	AAMUA	
Castable sleeve Multi-Unit Plastic	CSPMUA	
Protection Analog Multi-Unit	PAMUA	
Digital Analog		
Digital Implant Analog	DA02	
H Scan Body		
H Scan Body (12mm))	HSB-12	

Abutments **

Cement Retained Solution		Article Code
Cemented Abutment 4.15		CA4001
Cemented Abutment 5.20		CA5001
Shoulder Abutments	Hex	Non Hex
Shoulder Abutment 4.15x1	SAH4001	SANH4001
Shoulder Abutment 4.15x2	SAH4002	SANH4002
Shoulder Abutment 4.15x3	SAH4003	SANH4003
Shoulder Abutment 5.2x1.5	SAH5001	SANH5001
Shoulder Abutment 5.2x2.5	SAH5002	SANH5002
Shoulder Abutment 5.2x3.5	SAH5003	SANH5003
Angled Abutments	15°	25°
Angled Abutments 4.15x1	15A4001	25AH4001
Angled Abutments 4.15x2	15A4002	25AH4002
Angled Abutments 5.2x1.5	15A5001	-----
Angled Abutments 5.2x2.5	15A5002	-----
UCLA		Article Code
UCLA with Hex 4.15x1		UCH4001
UCLA with Hex 5.2x1.5		UCH5001
UCLA with NonHex 4.15x1		UCNH4001
UCLA with NonHex 5.2x1.5		UCNH5001
Ti Base Abutments		Article Code
Ti Base Abutment Hex 3.8x0.5		TBH3805
Ti Base Abutment Hex 3.8x1.5		TBH3815
Ti Base Abutment Hex 3.8x3.0		TBH3830
Ti Base Abutment Non-Hex 3.8x0.5		TBNH3805
Ti Base Abutment Non-Hex 3.8x1.5		TBNH3815
Ti Base Abutment Non-Hex 3.8x3.0		TBNH3830

Temporary Abutment	Article Code
Temporary Abutment Hex	TAH4001
Temporary Abutment Non-Hex	TANH4001

Material: ASTM F136 ELI Grade 5

Digital Library Link -
<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/IP-Series>

Open/Closed Impression Coping

Collar / Diameter	4.15	5.2
1.0mm	OTI4001	-----
1.5mm	-----	OTI5001
2.0mm	OTI4002	-----
2.5mm	-----	OTI5002
CTIC-L	-----	-----
CTIC-S	-----	-----

Healing Abutment

Diameter	Collar	Length	Article Code
4.15	1	2	HA4012
4.15	1	4	HA4014
4.15	2	3	HA4023
4.15	2	5	HA4025
4.15	2	6	HA4026
4.15	3	3	HA4033
4.15	3	5	HA4035
4.15	3	6	HA4036
5.2	1.5	3	HA5153
5.2	1.5	4	HA5154
5.2	2.5	3	HA5253
5.2	3.5	3	HA5353

Ball Abutments Article Code

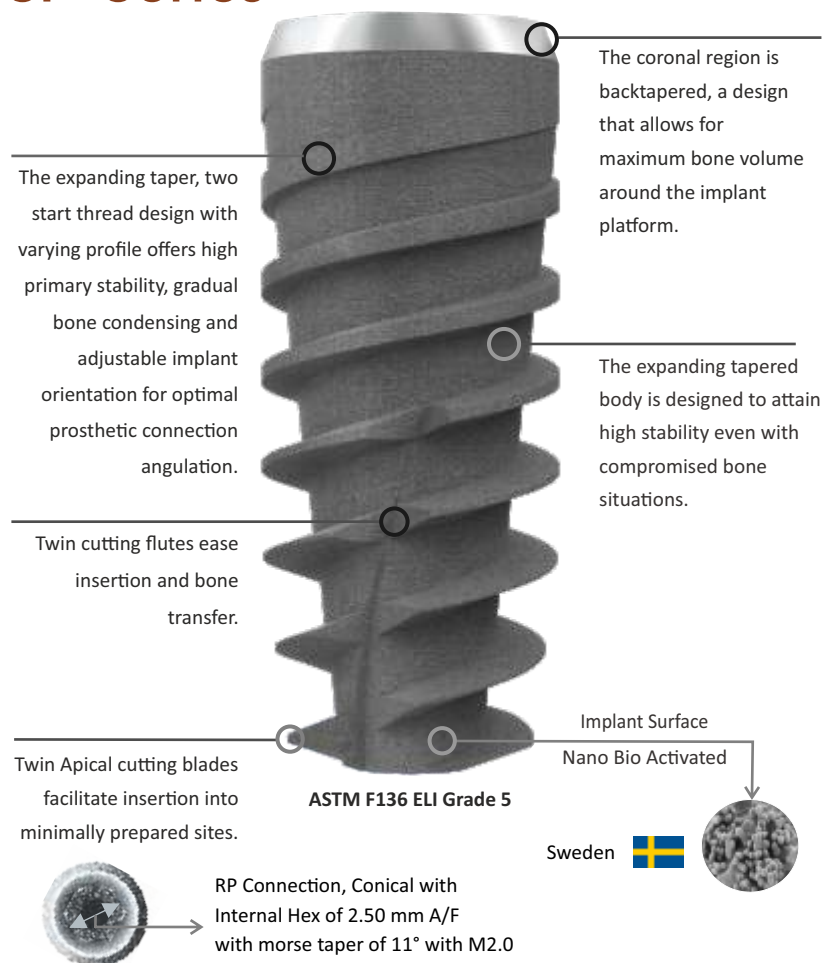
Ball Abutment 1mm Collar	BA01
Ball Abutment 3mm Collar	BA03
Ball Abutment 5mm Collar	BA05
Ball Abutment Housing Package	BAHP1
Ball Abutment Analog	BAA01
Ball Abutment Insertion Tool	BAIT01

Locator Abutments Article Code

Locator Abutment 0mm Collar	LA00
Locator Abutment 2mm Collar	LA02
Locator Abutment 4mm Collar	LA04
Locator Abutment 6mm Collar	LA06
Locator Abutment Housing Analog	LAHP1
Locator Abutment Analog	LAA01

Notes : * Multi unit abutments size matrix
** Abutments size matrix

i-Fix[®] SP-Series[#]



Notes : Implant co-packed with cover screw

* Details-Over leaf

** Size matrix-Over leaf

SP-Series is the same of S-Fix Pro

Implant Available Size

Diameter \ Length	7.0 mm	8.0 mm	10 mm	12 mm	14 mm
3.6	X	SP360800	SP360100	SP360120	SP360140
4.0	SP400700	SP400800	SP400100	SP400120	SP400140
4.5	SP450700	SP450800	SP450100	SP450120	SP450140
5.0	SP500700	SP500800	SP500100	SP500120	SP500140
6.0	SP600700	SP600800	SP600100	SP600120	SP600140

Abutments

K Cemented Abutment



K Ti Base Hex



K Angled Abutments



K UCLA Hex



K Abutments Screw



Multi Unit *

K Angled MUA



Castable Sleeve



Abutment Analog



CTIC MUA



Temp. Cop MUA



Str. MUA



Prosthetic Components **

K Healing Abutment



K Implant Analog



K Temporary Abutment



K Close Tray Impression Coping



K Open Tray Impression Coping



K H Scan Body



K Digital Analog



Over Denture Solution **

Ball Abutment



Locator Abutment



Digital Library Link -

<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/SP-Series>

Multi Unit Abutments *

Description	Article Code	
Straight Multi-Unit abutment 1.5mm collar	KSTMUA15	
Straight Multi-Unit abutment 3.5mm collar	KSTMUA35	
17 Deg. Multi-Unit abutment 2.5mm collar	K17MUA25	
17 Deg. Multi-Unit abutment 3.5mm collar	K17MUA35	
30 Deg. Multi-Unit abutment 3.5mm collar	K30MUA35	
30 Deg. Multi-Unit abutment 4.5mm collar	K30MUA45	
Healing cap Multi-Unit abutment	HCMUA	
Abutment screw(M2.0mm) Multi-Unit	KASMUA	
Prosthetic screw(M1.4mm) Multi-Unit	PSMUA	
Temporary coping Multi-Unit	TCMUA	
Open Tray impression coping Multi-Unit	OTICMUA	
Closed Tray impression coping Multi-Unit	CTICMUA	
Abutment Analog Multi-Unit	AAMUA	
Castable sleeve Multi-Unit Plastic	CSPMUA	

Digital Analog	Article Code	
RP K Digital Analog	KDA02	

H Scan Body	Article Code	
RP K H Scan Body (12mm)	KHSB-12	

Notes : * Multi unit abutments size matrix
** Abutments size matrix

Abutments **

Cemented Abutment Hex	Article Code
K C Abutment 4.5x1	KCA4510
K C Abutment 4.5x1.5	KCA4515
K C Abutment 4.5x2.5	KCA4525
K C Abutment 4.5x3.5	KCA4535
K C Abutment 4.5x4.5	KCA4545
K C Abutment 5.5x1.0	KCA5510
K C Abutment 5.5x1.5	KCA5515
K C Abutment 5.5x2.5	KCA5525
K C Abutment 5.5x3.5	KCA5535
K C Abutment 5.5x4.5	KCA5545

Ti Base Abutments	Article Code
RP K Ti Base 4.5x0.6	KTBH4506
RP K Ti Base 4.5x1.5	KTBH4515
RP K Ti Base 4.5x3.0	KTBH4530
RP K Ti Base NH 4.5x0.6	KTBNH4506
RP K Ti Base NH 4.5x1.5	KTBNH4515
RP K Ti Base NH 4.5x3.0	KTBNH4530

K Abutments Screw	Article Code
K Abutment Screw	KAS01

K UCLA	Article Code
K UCLA 4.5 x1	KUCH4501
K UCLA NH 4.5 x1	KUCNH4501

K Angled Abutments	15°	25°
K 15° Abut 4.5 x1	K15AH4501	K25AH4501
K 15° Abut 4.5 x2	K15AH4502	K25AH4502
K 15° Abut 4.5 x3	K15AH4503	K25AH4503
K 15° Abut NH 4.5 x1	K15ANH4501	-----
K 15° Abut NH 4.5 x2	K15ANH4502	-----
K 15° Abut NH 4.5 x3	K15ANH4503	-----

K Temporary Abutment	Article Code
Temporary Abutment Hex	KTAH
Temporary Abutment Non-Hex	KTANH

Open/Closed Impression Coping

K Impression Coping	Article Code
K OTIC long	KOTIL
K OTIC Short	KOTIS
K CTIC long	KCTIL
K CTIC Short	KCTIS

K Healing Abutment

Diameter	Collar Height	Article Code
4.0	1	KHA4010
4.0	2	KHA4020
4.0	3	KHA4030
4.0	4	KHA4040
4.5	1	KHA4510
4.5	2	KHA4520
4.5	3	KHA4530
4.5	4	KHA4540
5.5	1	KHA5510
5.5	2	KHA5520
5.5	3	KHA5530
5.5	4	KHA5540

Ball Abutment	Article Code
K Ball Abutment 1mm Collar	KBA01
K Ball Abutment 3mm Collar	KBA03
K Ball Abutment 5mm Collar	KBA05
K Ball Abutment Housing Package	BAHP1
K Ball Abutment Analog	BAA1
Ball Abutment Insertion Tool	BAIT01

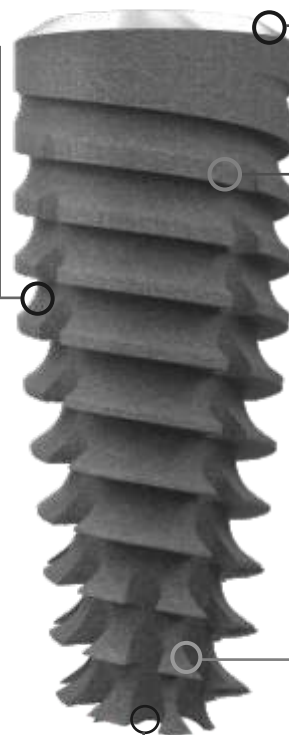
Locator Abutment	Article Code
K Locator Abutment 0mm collar	KLA00
K Locator Abutment 2mm collar	KLA02
K Locator Abutment 4mm collar	KLA04
K Locator Abutment 6mm collar	KLA06
K Locator Abutment Housing Package	LAHP1

Material: ASTM F136 ELI Grade 5

Digital Library Link -
<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/SP-Series>

i-Fix[®] AK-Series[#]

A progressive high-angle (HA) thread profile, engineered with varying thread depth along its body work in harmony with multiple cutting flutes to precisely cut through bone while simultaneously compressing surrounding bone tissue. The controlled cutting and compaction mechanism enhances bone-to-implant contact, resulting in optimized primary stability-particularly beneficial in low-density bone and immediate placement protocols.



The coronal region is backtapered, a design that allows for maximum bone volume around the implant platform.

The square threads reduce the shear stress at the crestal bone level.

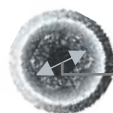
The concave apex, combined with active cutting elements and strategically placed flutes, facilitates the accumulation of host bone chips and fragments during insertion. The design effectively preserves autogenous bone and significantly enhances osseointegration by increasing BIC.

Implant Surface
Nano Bio Activated

Sweden



ASTM F136 ELI Grade 5



NP Connection, Conical with
Internal Hex of 2.25 mm A/F
with morse taper of 12° with M1.6

Notes : Implant co-packed with cover screw

* Details-Over leaf

** Size matrix-Over leaf

AK-Series is the same of Apex Konnect

Implant Available Size

Diameter \ Length	7.0 mm	9.0 mm	11 mm	13 mm
3.5	X	AB350900	AB350110	AB350130
4.2	AB420700	AB420900	AB420110	AB420130
5.0	AB500700	AB500900	AB500110	AB500130

Abutments

Shoulder Abutment Cemented Ti base Hex Angled Abutment UCLA Hex Abutment Screw



Multi Unit *

Angled MUA Castable Sleeve Abutment Analog CTIC MUA Temp. Cop MUA Str. MUA



Prosthetic Components **

Healing Abutment Implant Analog Temporary Abutment Open Tray Impression Coping Close Tray Impression Coping H Scan Body Digital Analog



Over Denture Solution **

Ball Abutment Locator Abutment



Digital Library Link -

<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/AK-Series>

Multi Unit Abutments *

Description	Article Code	
Straight Multi-Unit abutment 1.5mm collar	STMUA15	
Straight Multi-Unit abutment 3.5mm collar	STMUA35	
17 Deg. Multi-Unit abutment 2.5mm collar	17MUA25	
17 Deg. Multi-Unit abutment 3.5mm collar	17MUA35	
30 Deg. Multi-Unit abutment 3.5mm collar	30MUA35	
30 Deg. Multi-Unit abutment 4.5mm collar	30MUA45	
Healing cap Multi-Unit abutment	HCMUA	
Abutment screw(M1.6mm) Multi-Unit	ASMUA	
Prosthetic screw(M1.4mm) Multi-Unit	PSMUA	
Temporary coping Multi-Unit	TCMUA	
Open Tray impression coping Multi-Unit	OTICMUA	
Closed Tray impression coping Multi-Unit	CTICMUA	
Abutment Analog Multi-Unit	AAMUA	
Castable sleeve Multi-Unit Plastic	CSPMUA	
Protection Analog Multi-Unit	PAMUA	
Digital Analog		
Digital Implant Analog	DA02	
H Scan Body		
H Scan Body (12mm))	HSB-12	

Notes : * Multi unit abutments size matrix
** Abutments size matrix

Abutments **

Cement Retained Solution		Article Code
Cemented Abutment 4.15		CA4001
Cemented Abutment 5.20		CA5001
Shoulder Abutments	Hex	Non Hex
Shoulder Abutment 4.15x1	SAH4001	SANH4001
Shoulder Abutment 4.15x2	SAH4002	SANH4002
Shoulder Abutment 4.15x3	SAH4003	SANH4003
Shoulder Abutment 5.2x1.5	SAH5001	SANH5001
Shoulder Abutment 5.2x2.5	SAH5002	SANH5002
Shoulder Abutment 5.2x3.5	SAH5003	SANH5003
Angled Abutments	15°	25°
Angled Abutments 4.15x1	15A4001	25AH4001
Angled Abutments 4.15x2	15A4002	25AH4002
Angled Abutments 5.2x1.5	15A5001	-----
Angled Abutments 5.2x2.5	15A5002	-----
UCLA		Article Code
UCLA with Hex 4.15x1		UCH4001
UCLA with Hex 5.2x1.5		UCH5001
UCLA with NonHex 4.15x1		UCNH4001
UCLA with NonHex 5.2x1.5		UCNH5001
Ti Base Abutments		Article Code
Ti Base Abutment Hex 3.8x0.5		TBH3805
Ti Base Abutment Hex 3.8x1.5		TBH3815
Ti Base Abutment Hex 3.8x3.0		TBH3830
Ti Base Abutment Non-Hex 3.8x0.5		TBNH3805
Ti Base Abutment Non-Hex 3.8x1.5		TBNH3815
Ti Base Abutment Non-Hex 3.8x3.0		TBNH3830
Temporary Abutment		Article Code
Temporary Abutment Hex		TAH4001
Temporary Abutment Non-Hex		TANH4001

Material: ASTM F136 ELI Grade 5

Digital Library Link -
<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/AK-Series>

Open/Closed Impression Coping

Collar / Diameter	4.15	5.2
1.0mm	OTI4001	-----
1.5mm	-----	OTI5001
2.0mm	OTI4002	-----
2.5mm	-----	OTI5002
CTIC-L	-----	-----
CTIC-S	-----	-----

Healing Abutment

Diameter	Collar	Length	Article Code
4.15	1	2	HA4012
4.15	1	4	HA4014
4.15	2	3	HA4023
4.15	2	5	HA4025
4.15	2	6	HA4026
4.15	3	3	HA4033
4.15	3	5	HA4035
4.15	3	6	HA4036
5.2	1.5	3	HA5153
5.2	1.5	4	HA5154
5.2	2.5	3	HA5253
5.2	3.5	3	HA5353

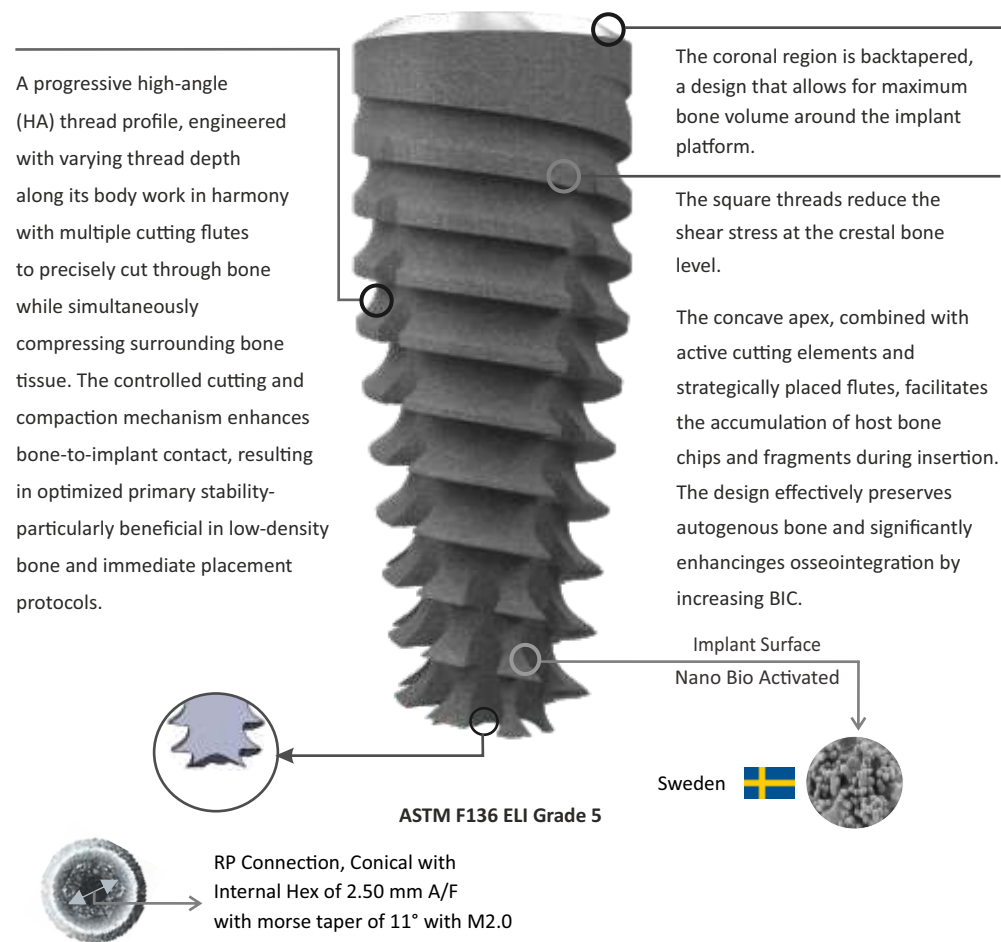
Ball Abutments

Article Code
Ball Abutment 1mm Collar
BA01
Ball Abutment 3mm Collar
BA03
Ball Abutment 5mm Collar
BA05
Ball Abutment Housing Package
BAHP1
Ball Abutment Analog
BAA01
Ball Abutment Insertion Tool
BAIT01

Locator Abutments

Article Code
Locator Abutment 0mm Collar
LA00
Locator Abutment 2mm Collar
LA02
Locator Abutment 4mm Collar
LA04
Locator Abutment 6mm Collar
LA06
Locator Abutment Housing Analog
LAHP1
Locator Abutment Analog
LAA01

i-Fix[®] AK*-Series[#]



Notes : Implant co-packed with cover screw
AK*-Series is the same of Apex Konnect S-Connection

Implant Available Size

Diameter \ Length	7.0 mm	9.0 mm	11 mm	13 mm
3.5	X	AB350900	AB350110	AB350130
4.2	AB420700	AB420900	AB420110	AB420130
5.0	AB500700	AB500900	AB500110	AB500130

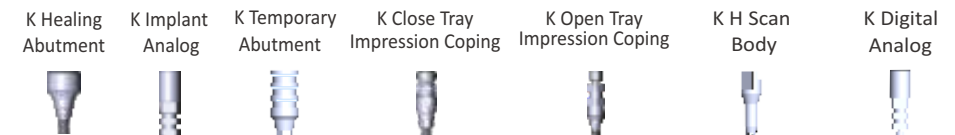
Abutments



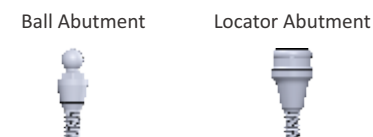
Multi Unit *



Prosthetic Components **



Over Denture Solution **



Multi Unit Abutments *

Description	Article Code	
Straight Multi-Unit abutment 1.5mm collar	KSTMUA15	
Straight Multi-Unit abutment 3.5mm collar	KSTMUA35	
17 Deg. Multi-Unit abutment 2.5mm collar	K17MUA25	
17 Deg. Multi-Unit abutment 3.5mm collar	K17MUA35	
30 Deg. Multi-Unit abutment 3.5mm collar	K30MUA35	
30 Deg. Multi-Unit abutment 4.5mm collar	K30MUA45	
Healing cap Multi-Unit abutment	HCMUA	
Abutment screw(M2.0mm) Multi-Unit	KASMUA	
Prosthetic screw(M1.4mm) Multi-Unit	PSMUA	
Temporary coping Multi-Unit	TCMUA	
Open Tray impression coping Multi-Unit	OTICMUA	
Closed Tray impression coping Multi-Unit	CTICMUA	
Abutment Analog Multi-Unit	AAMUA	
Castable sleeve Multi-Unit Plastic	CSPMUA	

Digital Analog	Article Code	
RP K Digital Analog	KDA02	

H Scan Body	Article Code	
RP K H Scan Body (12mm)	KHSB-12	

Notes : * Multi unit abutments size matrix
** Abutments size matrix

Abutments **

Cemented Abutment Hex	Article Code
K C Abutment 4.5x1	KCA4510
K C Abutment 4.5x1.5	KCA4515
K C Abutment 4.5x2.5	KCA4525
K C Abutment 4.5x3.5	KCA4535
K C Abutment 4.5x4.5	KCA4545
K C Abutment 5.5x1.0	KCA5510
K C Abutment 5.5x1.5	KCA5515
K C Abutment 5.5x2.5	KCA5525
K C Abutment 5.5x3.5	KCA5535
K C Abutment 5.5x4.5	KCA5545

Ti Base Abutments	Article Code
RP K Ti Base 4.5x0.6	KTBH4506
RP K Ti Base 4.5x1.5	KTBH4515
RP K Ti Base 4.5x3.0	KTBH4530
RP K Ti Base NH 4.5x0.6	KTBNH4506
RP K Ti Base NH 4.5x1.5	KTBNH4515
RP K Ti Base NH 4.5x3.0	KTBNH4530

K Abutments Screw	Article Code
K Abutment Screw	KAS01

K UCLA	Article Code
K UCLA 4.5 x1	KUCH4501
K UCLA NH 4.5 x1	KUCNH4501

K Angled Abutments	15°	25°
K 15° Abut 4.5 x1	K15AH4501	K25AH4501
K 15° Abut 4.5 x2	K15AH4502	K25AH4502
K 15° Abut 4.5 x3	K15AH4503	K25AH4503
K 15° Abut NH 4.5 x1	K15ANH4501	-----
K 15° Abut NH 4.5 x2	K15ANH4502	-----
K 15° Abut NH 4.5 x3	K15ANH4503	-----

K Temporary Abutment	Article Code
Temporary Abutment Hex	KTAH
Temporary Abutment Non-Hex	KTANH

Open/Closed Impression Coping

K Impression Coping	Article Code
K OTIC long	KOTIL
K OTIC Short	KOTIS
K CTIC long	KCTIL
K CTIC Short	KCTIS

K Healing Abutment

Diameter	Collar Height	Article Code
4.0	1	KHA4010
4.0	2	KHA4020
4.0	3	KHA4030
4.0	4	KHA4040
4.5	1	KHA4510
4.5	2	KHA4520
4.5	3	KHA4530
4.5	4	KHA4540
5.5	1	KHA5510
5.5	2	KHA5520
5.5	3	KHA5530
5.5	4	KHA5540

Ball Abutment	Article Code
K Ball Abutment 1mm Collar	KBA01
K Ball Abutment 3mm Collar	KBA03
K Ball Abutment 5mm Collar	KBA05
K Ball Abutment Housing Package	BAHP1
K Ball Abutment Analog	BAA1
Ball Abutment Insertion Tool	BAIT01

Locator Abutment	Article Code
K Locator Abutment 0mm collar	KLA00
K Locator Abutment 2mm collar	KLA02
K Locator Abutment 4mm collar	KLA04
K Locator Abutment 6mm collar	KLA06
K Locator Abutment Housing Package	LAHP1

Material: ASTM F136 ELI Grade 5

Digital Library Link -
https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/AK*-Series

i-Fix[®] B-Series[#]

Bicortical Implant



Features

- 1- Bicortical engagement.
- 2- Immediate loading.
- 3- Can be place in extraction sockets.
- 4- Bendable.

Surface

Implant Surface is polished for protection from bacteria when placed in infected sockets

ASTM F136 ELI Grade 5

Implant Available Size

Diameter \ Length	8 mm	10 mm	12 mm	14 mm	17 mm	20 mm	23 mm	26 mm
3.6	IO360800	IO360100	IO360120	IO360140	IO360170	IO360200	IO360230	IO360260

Abutments

Prosthetics Components

Impression Coping



Burn Out Cap



Analog



Notes: # B-Series is the same of i-Fix One

Digital Library Link -
<https://www.kamalmedtech.com/DigitalLibrary/exocad/i-Fix/B-series>

i-Fix[®] C-Series[#]

Compressive Implant



ASTM F136 ELI Grade 5

Features

- 1- Excellent Primary Stability.
- 2- Condenses Soft Cancellous Bone.
- 3- Minimum Osteotomy Required.
- 4- Excellent For Narrow Ridges.
- 5- Immediate Loading.
- 6- Surface treated threads.

Implant Available Size

Diameter \ Length	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
3.5	IC350800	IC350100	IC350120	IC350140	IC350160	IC350180	IC350200
4.0	IC400800	IC400100	IC400120	IC400140	IC400160	IC400180	IC400200
4.5	IC450800	IC450100	IC450120	IC450140	IC450160	X	X
5.0	IC500800	IC500100	IC500120	IC500140	X	X	X
5.5	IC550800	IC550100	IC550120	IC550140	X	X	X

Abutments

Prosthetics Components

Impression Coping



Burn Out Cap



Analog



Notes: # C-Series is the same of i-Fix C-1

Digital Library Link -
<https://www.kamalmedtech.com/Digitallibrary/exocad/i-Fix/C-Series>

i-Fix[®] ZE-Series[#]

Zygomatic Implant



Notes: Implant co-packed with mount & cover screw
ZE-Series is the same of i-Fix Zygon

Implant Available Size

Implant Length	i-Fix Zygon 55
30 mm	IZ460300
35 mm	IZ460350
40 mm	IZ460400
42.5 mm	IZ460425
45 mm	IZ460450
47.5 mm	IZ460475
50 mm	IZ460500
52.5 mm	IZ460525
55 mm	IZ460550
57.5 mm	IZ460575
60 mm	IZ460600
62.5 mm	IZ460625

Abutments

Description	Article Code	
Straight Multi Unit 1 mm	IZMUA10	
Straight Multi Unit 2 mm	IZMUA20	
17 Deg Multi Unit 3 mm	IZ17MUA30	
25 Deg Multi Unit 3 mm	IZ25MUA30	
Healing Cap Multi Unit	IZHCMUA	
Open Tray impression Coping Multi Unit	IZOTIMUA	
Temporary Coping Multi Unit	IZTCMUA	
Abutment Analog Multi Unit	IZAAMUA	
Prosthetic Screw(M1.4mm) Multi Unit	IZPSMUA	
Abutment Screw(M1.6mm) Angled Multi Unit	IZASMUA	
Castable Sleeve Plastic Multi Unit	IZCSPMUA	

Abutments

Multi Unit



Prosthetics Components

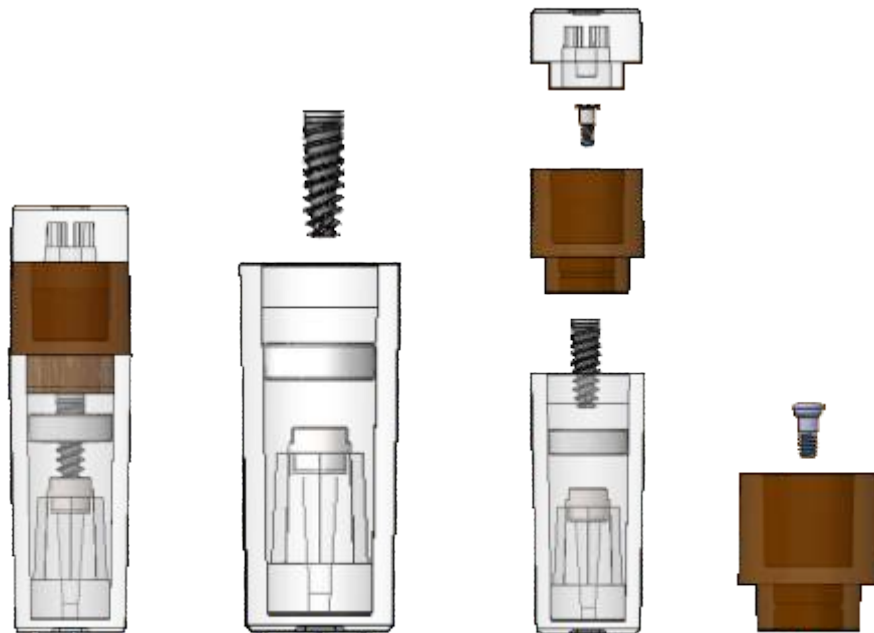


Digital Library Link -
<https://www.kamalmedtech.com/Digitallibrary/exocad/i-Fix/ZE-Series>



Dental Packaging

Dental Implant Primary Packaging



Prosthetics Packaging



Dental Implant Secondary Packaging



i-Fix[®]

Dental Surgical Kit



(I/IP-Series)



(S/SP-Series)



(AK-Series)



(ZE-Series)



(B/C-Series)



PSI-Series

Redefining the Future of Patient-Specific Implantology:

We specialize in the design and manufacture of next-generation, patient-specific dental and maxillofacial implants, engineered at the intersection of advanced biomaterials science, computational biomechanics, and precision additive manufacturing. Our solutions are developed to address the increasing demand for highly customized, biologically harmonious, and mechanically optimized implants capable of performing reliably under complex craniofacial loading environments.

At the core of our philosophy lies a commitment to functional longevity, anatomical fidelity, and biological integration, achieved through a rigorously validated digital-to-manufacturing workflow.

A Convergence of Engineering, Biology, and Clinical Insight:

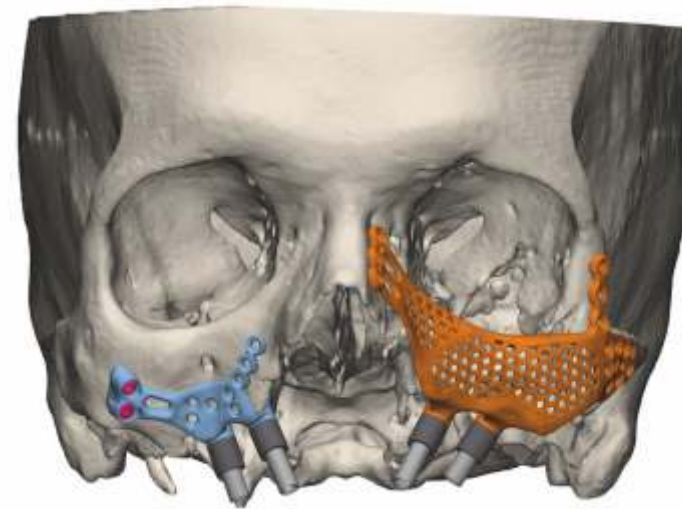
Every implant we manufacture is the result of a tightly integrated process involving:

- Biomedical engineering principles
- Computational mechanics
- Clinical feedback and anatomical expertise

This convergence allows us to deliver implants that are not only structurally superior, but also biologically intelligent and surgically intuitive.

Certified, Regulated, and Globally Compliant Manufacturing

All implants are produced in an ISO 13485-certified medical device facility under a validated quality management system. Manufacturing complies with CE requirements, FDA-recognized standards, and strict traceability, documentation, and risk-management protocols. Every implant meets international standards for medical-grade materials, process repeatability, and post-processing validation.



Craniofacial-Specific Design Protocols

Our proprietary design workflow is purpose-built for dental and maxillofacial applications and includes:

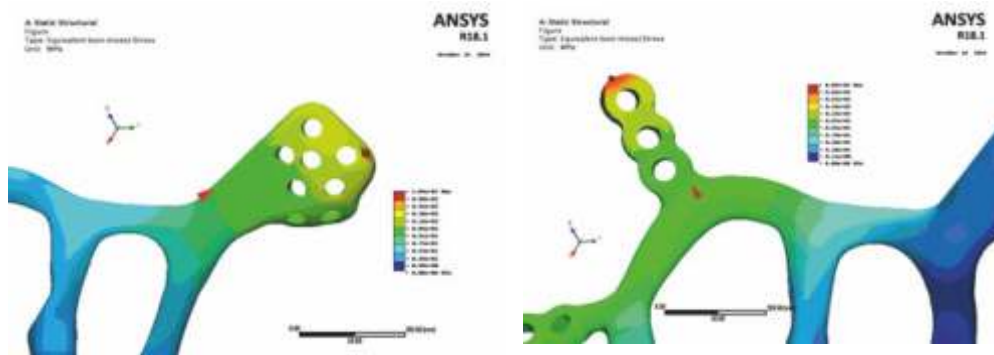
- Patient-specific anatomical segmentation from medical imaging
- Functional zoning of load-bearing and stress-shielding regions
- Optimized interfaces for bone, soft tissue, and fixation

This ensures precise anatomical congruence and robust performance under dynamic physiological forces.



Advanced Computational Design & Validation

We utilize an integrated digital ecosystem combining parametric and generative modelling, finite element analysis (FEA), lattice and porous structure generation, and medical imaging platforms. Each implant undergoes mandatory virtual biomechanical validation, assessing physiological and parafunctional loads, fatigue resistance, and stress distribution. Only designs meeting predefined safety and performance thresholds proceed to manufacturing.



Topology Optimization for Biological Harmony

Extensive topology optimization minimizes material excess while preserving structural integrity. This reduces stiffness mismatch and stress shielding, supports natural load transfer, and promotes healthy peri-implant bone remodelling.

Surface Engineering & Functional Coatings

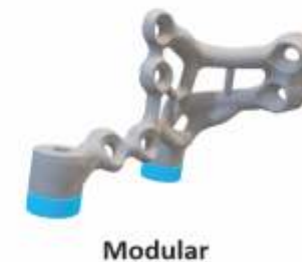
Implants receive multi-stage surface treatment, including region-specific roughness control, micro- and nano-topographical modulation, and cubic boron nitride (cBN) coatings. These enhance surface hardness, wear resistance, chemical stability, and cellular adhesion, supporting rapid osseointegration and long-term surface durability.

A “Key” for every lock:

We carry prosthetic driven solutions to a wide variety of edentulous conditions. Based on requirement we provide:

1. Immediate Loading cement Retained Prosthetic Platform
2. Self-Threaded Multiunit Interface
3. Standard Hex Platform Modular Interface

Contact us to know more about our PSI platforms that can best suit your needs.



Our implant technology represents a new benchmark in custom dental and maxillofacial reconstruction, defined by:

- Regulatory-compliant, certified manufacturing
- Algorithm-driven design and validation
- Biomechanically optimized, biologically respectful structures
- Advanced surface engineering and coatings

We do not simply manufacture implants-we engineer patient-specific biomechanical solutions designed to integrate, endure, and perform.

i-Fix[®]

Crown Series

Advanced Digital Dental Laboratory

We function as a dedicated digital dentistry partner, operating a fully integrated on-premises Digital Laboratory engineered for accuracy, innovation, and dependable delivery.

With **24/06 operational support**, we ensure uninterrupted production and consistent turnaround for our partners..

Our facility produces **U.S. FDA-compliant** restorations using advanced 3Shape and Exocad workflows, enabling predictable outcomes at scale.

With a remake rate below **2%** and a **2-lab-day turnaround**, we combine speed with precision—without compromising aesthetics or fit.

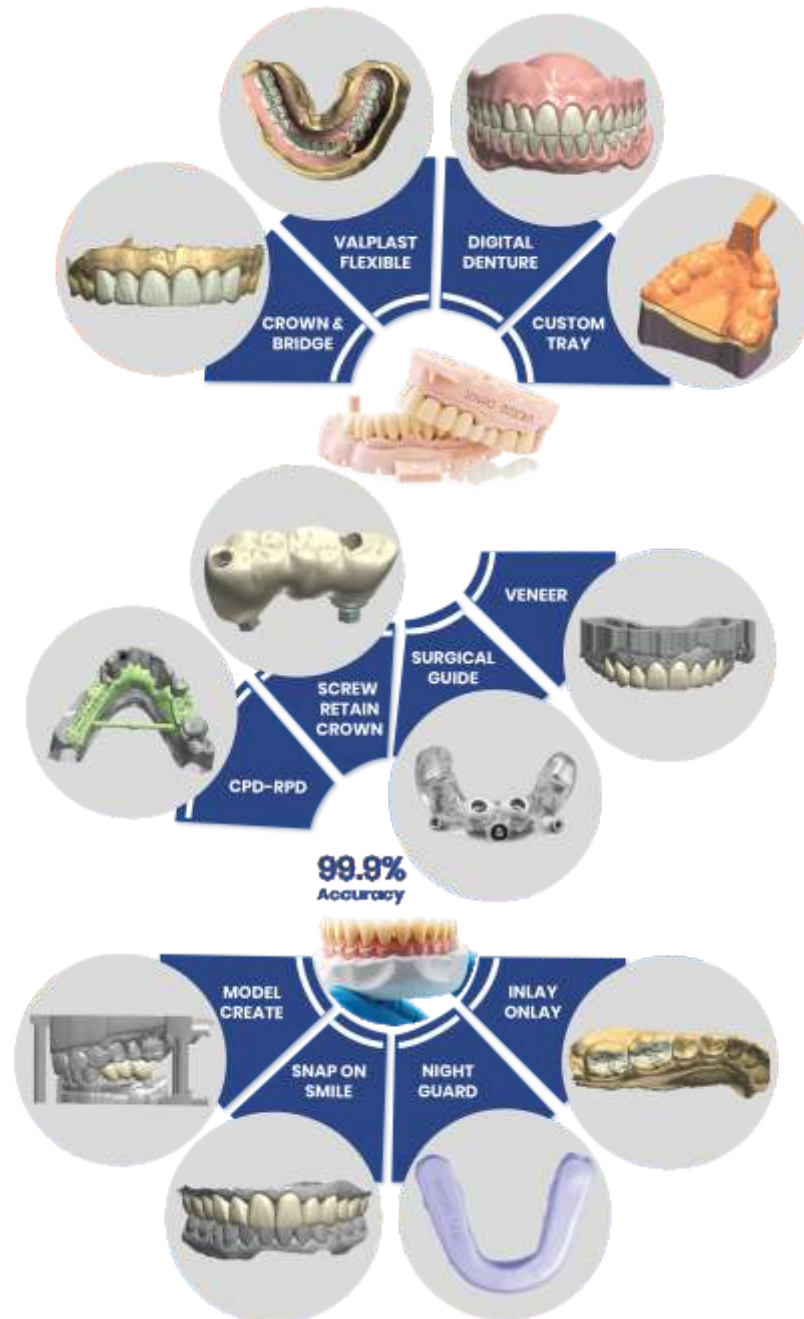
Our Capabilities

➤ Digital Design Services | TAT: 02 Hours | 06 Hr. | 12 Hr.

- Crowns & Bridges
- Veneers
- Digital Dentures
- Surgical Guides
- Night Guards
- Customized restorative solutions
- All Implant Prosthetics

➤ Manufacturing Services | TAT: 02-lab-day

- Full contour zirconia
- Full contour ips emax (zircon)
- Layered zirconia
- Multilayered zirconia
- Premium zirconia crown
- Emax veneers ips (zircad)
- Reduction coping
- 3D Model



Why are dental labs choosing us as their trusted partner?

➤ Specialized Design Expertise

- 60+ experienced CAD professionals
- Managing **750+ cases per day** with exceptional consistency

➤ Next-Generation Manufacturing

- **U.S. FDA-approved** materials only
- High-precision milling systems and optimized production pipelines

➤ Ongoing Skill Advancement

- Structured internal training programs
- Focused on accuracy, efficiency, and uniform design standards

➤ Security & Compliance First

- **Fully HIPAA- and U.S. FDA-compliant workflows**
- End-to-end protection of sensitive case data

➤ Rapid Delivery

- Most cases completed within 2 lab days

➤ Trusted Worldwide

- Long-term partnerships across **USA, Canada, and Europe**

➤ Reliable Quality Standards

- SOP-driven production
- **AACD-trained** professionals delivering consistent excellence

VR-Connect: Smart Digital Workflow

➤ A secure, cloud-based platform built for modern dental labs:

- Digital file submissions
- Real-time case monitoring
- Direct communication
- Integrated payment processing

Our Commitment

To redefine digital dental design and manufacturing by delivering precision-driven solutions, fostering continuous innovation, and building long-term trust with global partners.



i-Fix[®]
Facility



**World Class
manufacturing
facility for
Dental Implants**



A Better Tomorrow For All

In pursuit of preservation of that priceless self, we have endeavoured through our commitment to Environment Protection and Affordable Healthcare to achieve : “A Better Tomorrow For All”.

Kamal’s dedicated 400+ workforce, through Amalgamation of Innovation and Technology, has enabled introduction of world-class quality Product and Devices which have found ready acceptance and sustained support across a broad spectrum of users worldwide. Our Health care vertical is committed to your success with best in class Medical Devices and Services.



Nano Bio Activated Surface developed in collaboration with
Psilox AB, Vallvägen 4A, S75651, Uppsala, SWEDEN

Kamal Encon Industries Ltd.

INDIA:

612-620, Antriksh Bhawan,
K.G. Marg, New Delhi - 110001

INTERNATIONAL:

Kamal Encon: Psilox AB, Vallvägen
4A, S75651, Uppsala, SWEDEN

WEBSITE:

www.kamalmedtech.com

