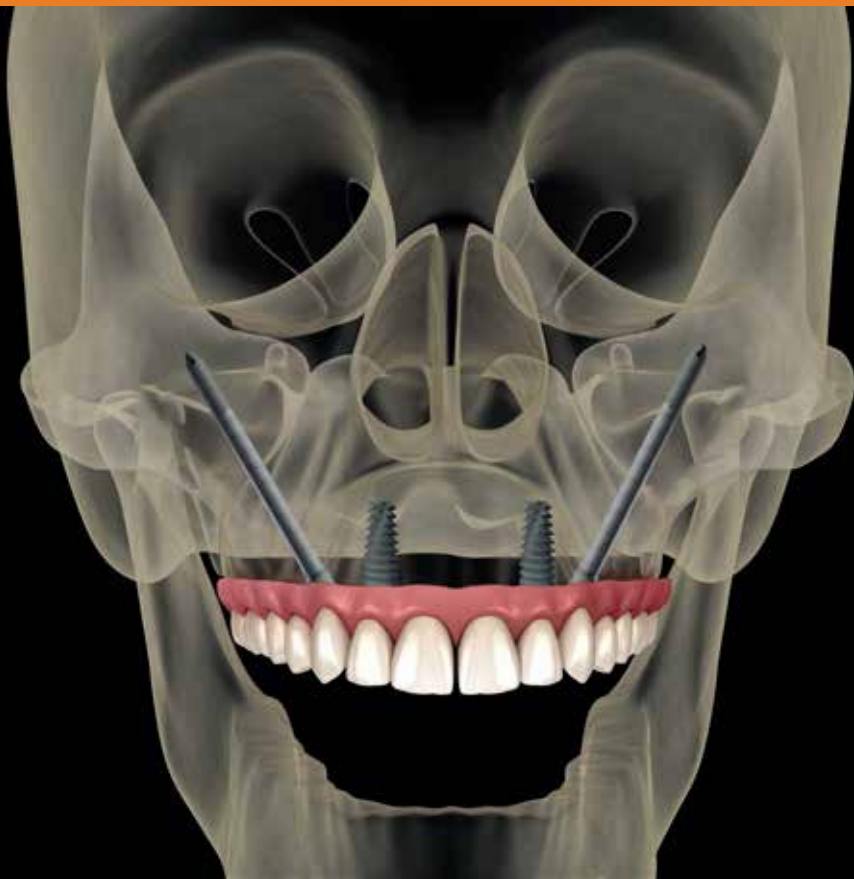




i-Fix Zygomatic Implant Systems



i-Fix Zygon Overview

Graftless treatment solution

Avoid complex bone-grafting procedures with i-Fix Zygon implants, which anchor in the zygomatic bone.

Greater surgical and prosthetic flexibility

Benefit from the new implant body design with lengths ranging from 30 mm to 62.5 mm and 55° angulation, all with an external hex connection.

High primary stability for Immediate Function

Provide patients with a fixed provisional prosthesis immediately after surgery. Multicortical anchorage and the proven apex design allow for high primary stability

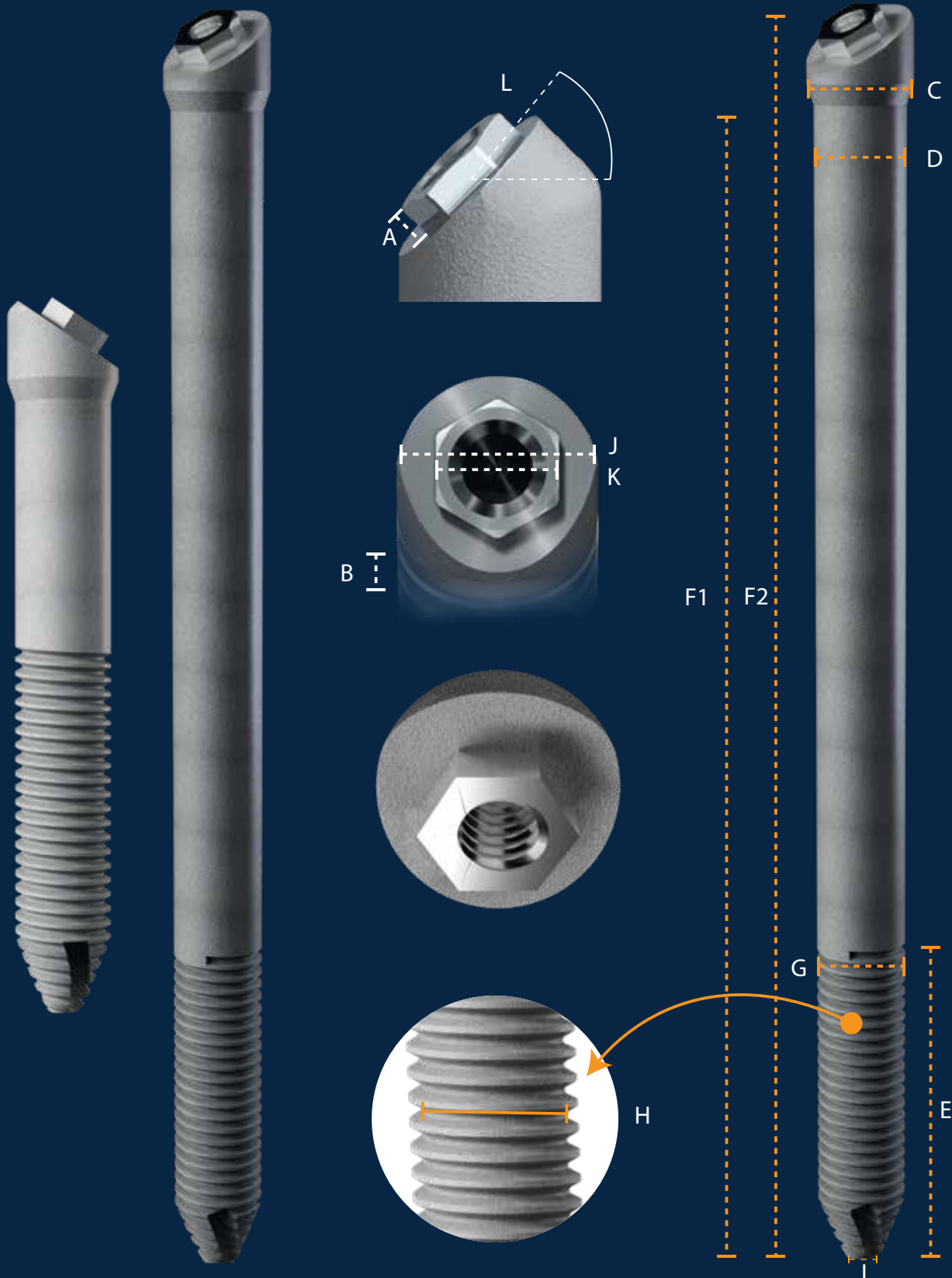
Ti Grade V ELI Characteristics

The i-Fix Zygon Implant system components are made of the Biocompatible medical grade Grade V ELI/Grade 23 Titanium alloy. The specific Titanium alloy used by Kamal Encon was chosen due to its superior properties including high strength to weight ratio, very high corrosion resistance, high modulus of elasticity and its excellent osseointegration capabilities.



Properties		Advantages
Tensile strength	860 Mpa minimum	Extremely high strength/weight ratio
Elongation	10%	Improved ductility and fracture toughness under static and dynamic loads
Oxygen content	0.13% maximum	
Biocompatibility	Excellent	Direct structural and functional connection between bone and implant surface

i-Fix Zygon - Implant Specifications



Implant Specifications












i-Fix Zygon 55° implants

		A	B	C	D	E	F1	F2	G	H	I	J	K	L
Platform	Implant length	Hex height	Thread pitch	Major diameter 1	Minor diameter 1	Thread height	length of Smaller diameter	Total Length	Major diameter 2	Minor diameter 2	Tip diameter	Platform diameter	Hex width	Angle
Regular Platform (4.6)	30 mm	0.9	1	4.6	4.0	15.0	25.8	30	4.0	3.45	0.96	5.0	2.6	55°
	35 mm	0.9	1	4.6	4.0	15.0	30.8	35	4.0	3.45	0.96	5.0	2.6	55°
	40 mm	0.9	1	4.6	4.0	15.0	35.8	40	4.0	3.45	0.96	5.0	2.6	55°
	42.5 mm	0.9	1	4.6	4.0	15.0	38.3	42.5	4.0	3.45	0.96	5.0	2.6	55°
	45 mm	0.9	1	4.6	4.0	15.0	40.8	45	4.0	3.45	0.96	5.0	2.6	55°
	47.5 mm	0.9	1	4.6	4.0	15.0	43.8	47.5	4.0	3.45	0.96	5.0	2.6	55°
	50 mm	0.9	1	4.6	4.0	15.0	45.8	50	4.0	3.45	0.96	5.0	2.6	55°
	52.5 mm	0.9	1	4.6	4.0	15.0	48.3	52.5	4.0	3.45	0.96	5.0	2.6	55°
	55 mm	0.9	1	4.6	4.0	15.0	50.8	55	4.0	3.45	0.96	5.0	2.6	55°
	57.5 mm	0.9	1	4.6	4.0	15.0	53.3	57.5	4.0	3.45	0.96	5.0	2.6	55°
	60 mm	0.9	1	4.6	4.0	15.0	55.8	60	4.0	3.45	0.96	5.0	2.6	55°
	62.5 mm	0.9	1	4.6	4.0	15.0	58.3	62.5	4.0	3.45	0.96	5.0	2.6	55°

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



Implant Dimensions & Surgical Component

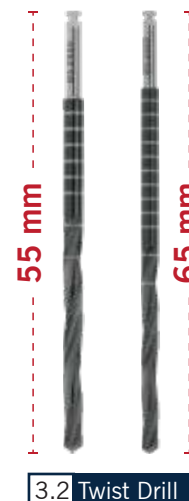
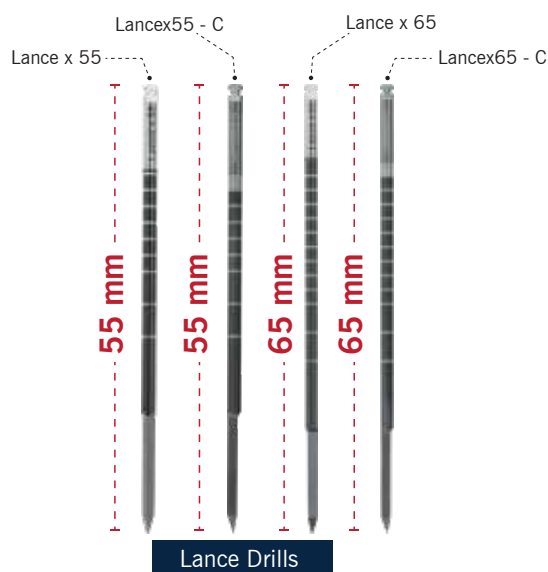
Description	Article Code	
Straight Multi Unit 1 mm	IZMUA10	
Straight Multi Unit 2 mm	IZMUA20	
17 Deg Multi Unit 2 mm	IZ17MUA20	
17 Deg Multi Unit 3 mm	IZ17MUA30	
25 Deg Multi Unit 2 mm	IZ25MUA20	
25 Deg Multi Unit 3 mm	IZ25MUA30	
Healing Cap Multi Unit	IZHCMUA	
Open Tray impression Coping Multi Unit	IZOTIMUA	
Temporary Coping Multi Unit	IZTCMUA	
Abutment Analog Multi Unit	IZAAMUA	
Prosthetic Screw Multi Unit	IZPSMUA	
Abutment Screw Angled Multi Unit	IZASMUA	
Castable Sleeve Plastic Multi Unit	IZCSPMUA	
Cover Screw Cap	IZCSC	

i-Fix Zygon Surgical Kit



(The article below can also be purchased Individually.)

Zygon Lance Drill Coated 55mm	IZLD55
Zygon Lance Drill Coated 65mm	IZLD65
Zygon Lance Drill Carbide 55mm	IZLDC55
Zygon Lance Drill Carbide 65mm	IZLDC65
Zygon Twist Drill 2.4x 55mm	IZTD2455
Zygon Twist Drill 2.8x 55mm	IZTD2855
Zygon Twist Drill 3.2x 55mm	IZTD3255
Zygon Twist Drill 2.4x 65mm	IZTD2465
Zygon Twist Drill 2.8x 65mm	IZTD2865
Zygon Twist Drill 3.2x 65mm	IZTD3265



Description	Article Code
Zygon Depth Gauge Straight	IZDGS
Zygon Depth Gauge Angled	IZDGA
Zygon Handle	IZYHD
Zygon Connection to Hand Piece	IZCHP





World class facility for **Dental Implants**

Kamal Encon has set-up a state-of-the-art manufacturing facility in IMT Faridabad for manufacturing of world class Medical Devices. It is a part of Delhi National Capital Region (NCR) of India. The facility has been built as per the requirement of International Standards ISO 13485 & ISO 14644-1.

Kamal's dedicated workforce, through Amalgamation of Innovation and Technology, has enabled introduction of world-class quality Products and Devices which have found ready acceptance and sustained support across a broad spectrum of users worldwide. Our Healthcare vertical is committed to your success with Best in Class Medical Devices.



KAMAL ENCON INDUSTRIES LTD.
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