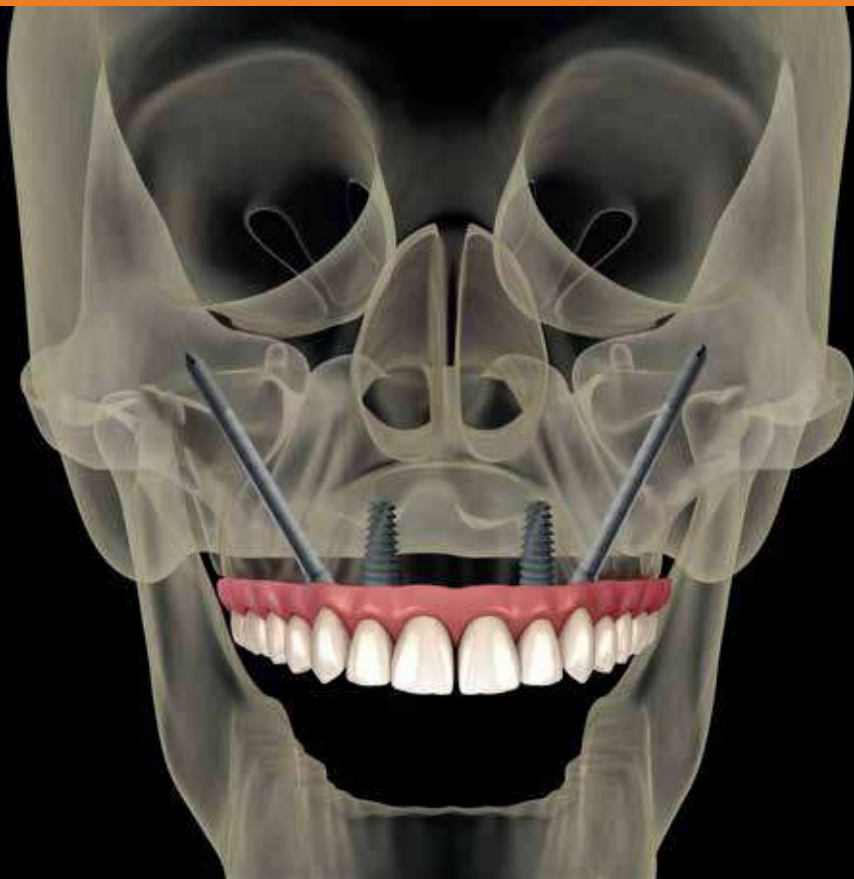




i-Fix Zygomatic Implant Systems



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

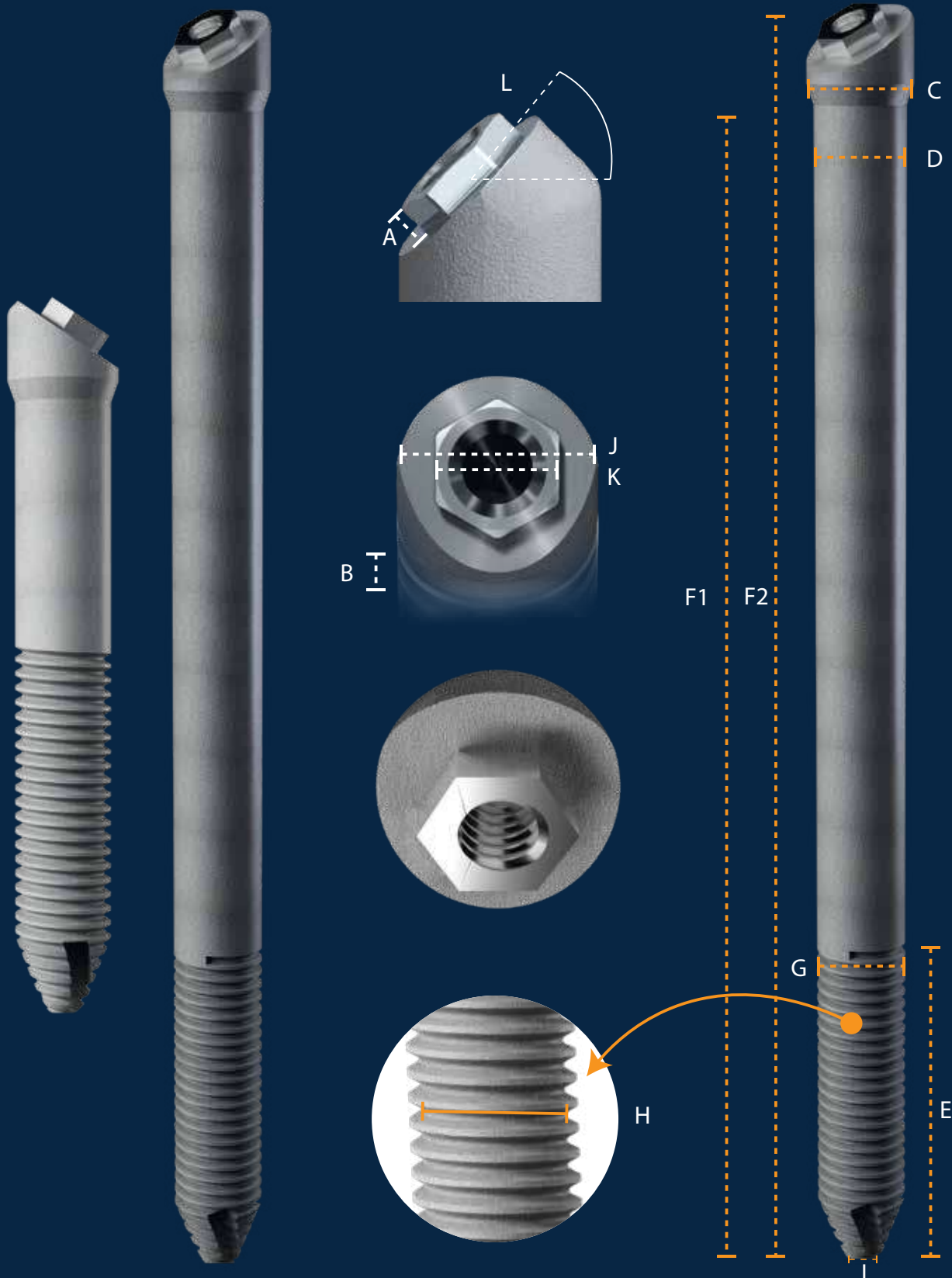
Ti Grade V ELI Characteristics

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

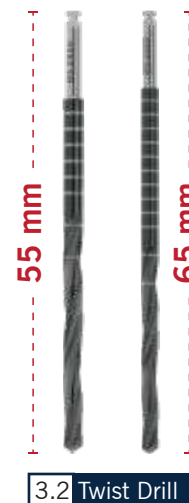
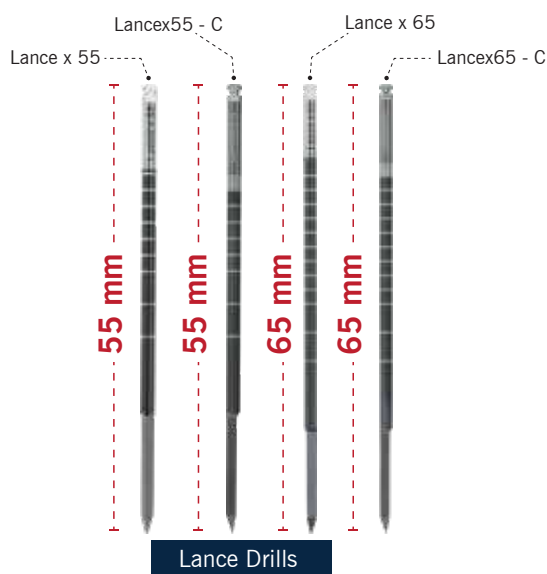
| Description | Article Code | |
|--|--------------|---|
| Straight Multi Unit 1 mm | IZMUA10 |  |
| Straight Multi Unit 2 mm | IZMUA20 | |
| 17 Deg Multi Unit 2 mm | IZ17MUA20 |  |
| 17 Deg Multi Unit 3 mm | IZ17MUA30 | |
| 25 Deg Multi Unit 2 mm | IZ25MUA20 |  |
| 25 Deg Multi Unit 3 mm | IZ25MUA30 | |
| 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.
An EN ISO 13485:2016 Certified Company

Plot No. 917, Sector-68,
IMT Faridabad- 121001, Haryana, INDIA

+91-129-4198707 & +91-7065950917

E: info@kamalmedtech.com | W: www.kamalmedtech.com

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