

INTERNAL HEX

CIM

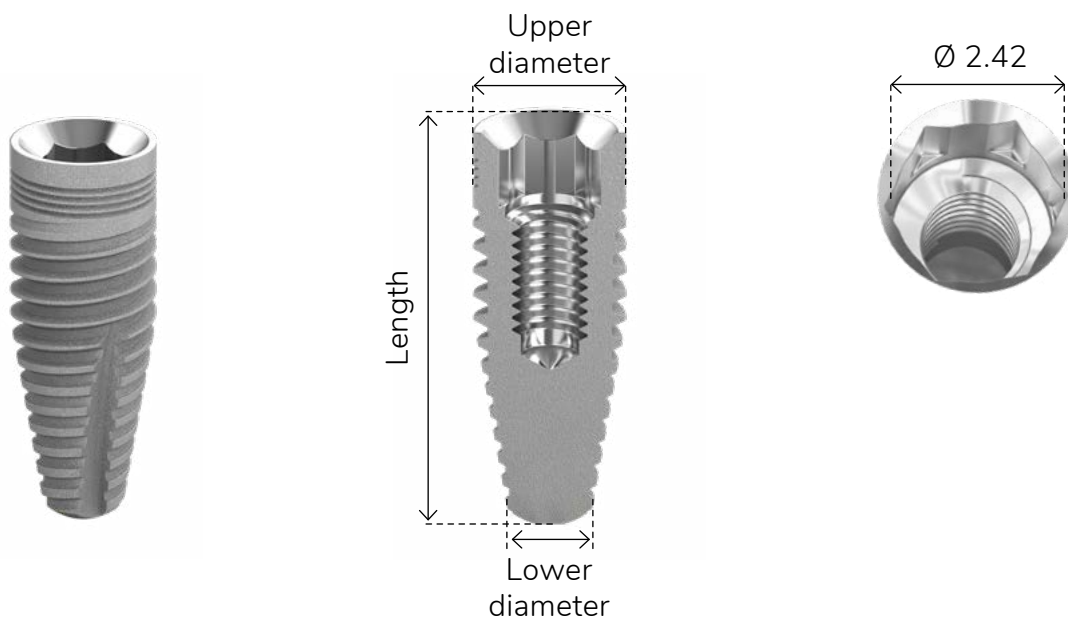


Internal Hex | **CIM**

BiotecCIM implants are tapered implants with an internal hex connection that mimic the shape of the natural tooth root and are designed for high initial stability. They perform well in a wide range of indications, including soft and hard bone, flapless and flapped procedures, single and double-stage surgical protocols and immediate and delayed procedures.



Material Titanium Alloy - Ti 6Al 4V ELI



Why choose BiotechCIM implants?

- Suit a wide range of bone types and bone augmentation procedures
- Micro rings on the implant's neck improve the shear strength in the crest zone
- Designed for mild-bone compression
- Facilitate the insertion of an undersized socket
- Achieve maximum initial and long-term stability in compromised cases
- Standardized, step-by-step tapered drilling protocol simplifies site preparation and ensures predictable outcomes in all situations
- RBM surface treatment enhances soft tissue integration and stabilizes crestal bone

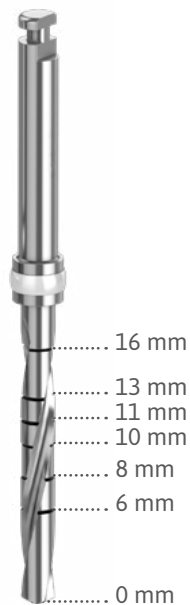
Internal Hex | **CIM**

CIM Ø 3.3 mm

Upper Diameter
Ø 3.3 mm

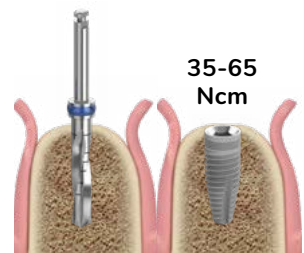
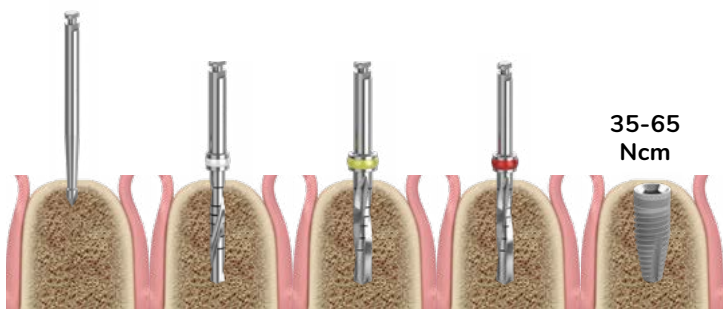
Lower Diameter
Ø 1.8 mm

Length	Catalog Number
8 mm	Bio-CIM3308
10 mm	Bio-CIM3310
11.5 mm	Bio-CIM3311
13 mm	Bio-CIM3313
16 mm	Bio-CIM3316



Soft Bone (D3, D4)

Hard Bone (D1, D2)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.3
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	

Diameter (mm)	Ø 3.2	Ø 3.3
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Internal Hex | **CIM**

CIM Ø 3.75 mm

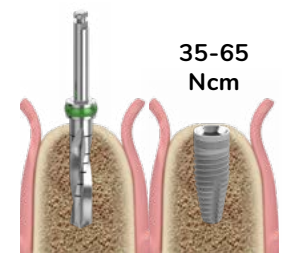
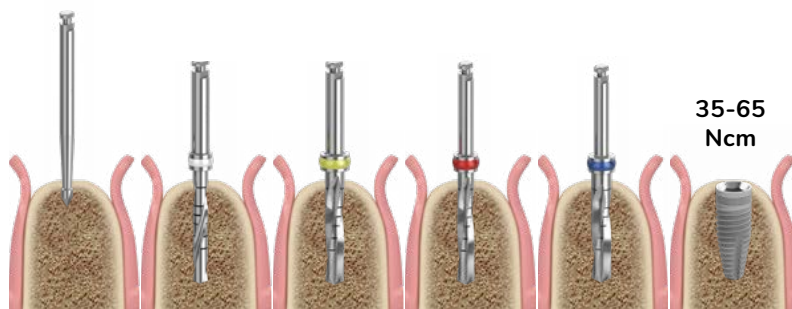
Upper Diameter
Ø 3.75 mm

Lower Diameter
Ø 1.8 mm

Length	Catalog Number
8 mm	Bio-CIM3708
10 mm	Bio-CIM3710
11.5 mm	Bio-CIM3711
13 mm	Bio-CIM3713
16 mm	Bio-CIM3716

Soft Bone (D3,D4)

Hard Bone (D1,D2)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.75
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700

Diameter (mm)	Ø 3.65	Ø 3.75
Drill Speed (rpm)	500-700	500-700

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Internal Hex | **CIM**

CIM Ø 4.2 mm

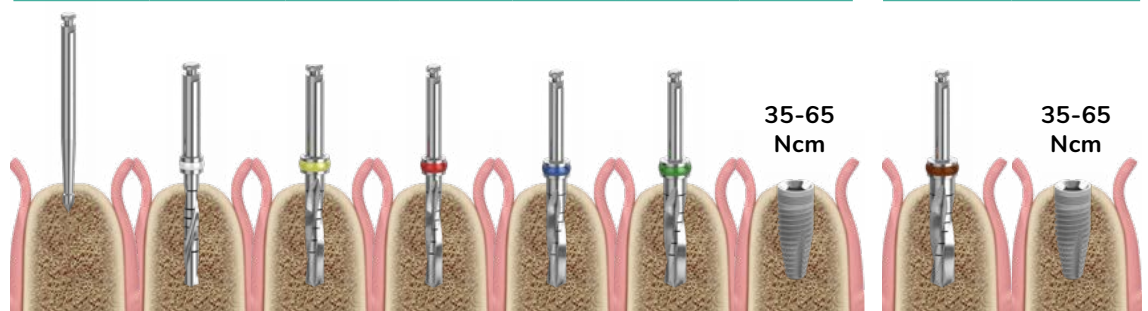
Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 2.35 mm

Length	Catalog Number
6 mm	Bio-CIM4206
8 mm	Bio-CIM4208
10 mm	Bio-CIM4210
11.5 mm	Bio-CIM4211
13 mm	Bio-CIM4213
16 mm	Bio-CIM4216

Soft Bone (D3, D4)

Hard Bone (D1, D2)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.0	Ø 4.2
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	35-65 Ncm	35-65 Ncm	500-700

- * Recommended insertion torque 35-60 Ncm
- * Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Internal Hex | **CIM**

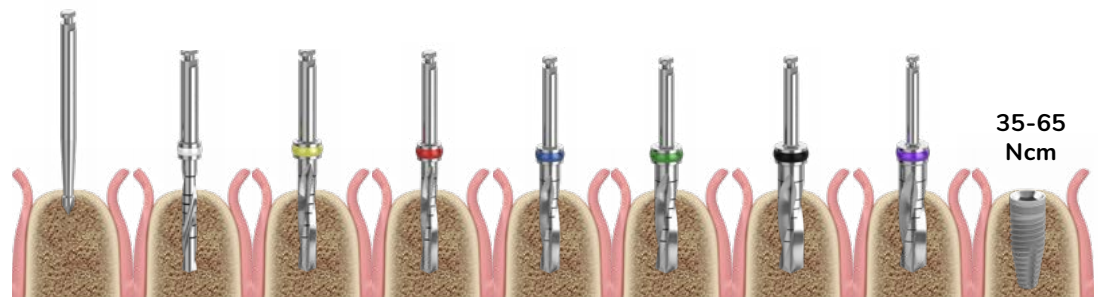
CIM Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 2.8 mm

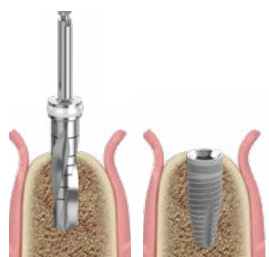
Length	Catalog Number
6 mm	Bio-CIM5006
8 mm	Bio-CIM5008
10 mm	Bio-CIM5010
11.5 mm	Bio-CIM5011
13 mm	Bio-CIM5013
16 mm	Bio-CIM5016

Soft Bone (D3, D4)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.5	Ø 5.0
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	35-65 Ncm

Hard Bone (D1, D2)



Diameter (mm)	Ø 4.8	Ø 5.0
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Internal Hex | **CIM**

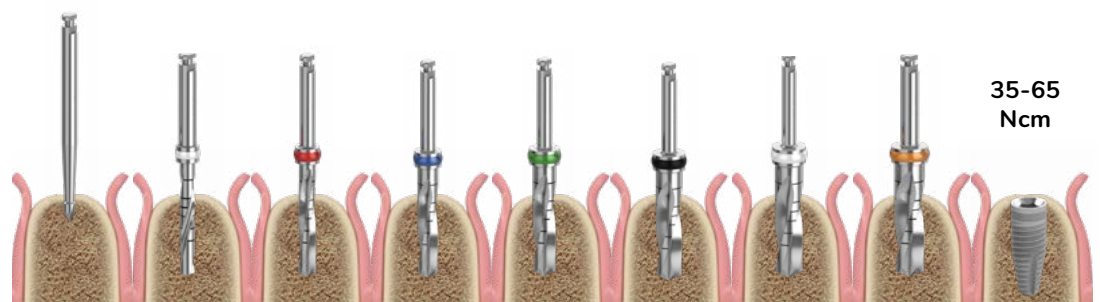
CIM Ø 6.0 mm

Upper Diameter
Ø 6.0 mm

Lower Diameter
Ø 3.5 mm

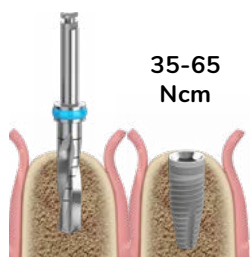
Length	Catalog Number
6 mm	Bio-CIM6006
8 mm	Bio-CIM6008
10 mm	Bio-CIM6010
11.5 mm	Bio-CIM6011
13 mm	Bio-CIM6013

Soft Bone (D3, D4)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.8	Ø 5.2	Ø 6.0
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	500-700

Hard Bone (D1, D2)



Diameter (mm)	Ø 5.8	Ø 6.0
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.





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