

DIO^o

IMPLANT

SYSTEM

Catalog 2009

Introduction Vision, Product Distinctions, DIO Fixture Diagram

Implant System SM System, Internal System, External System, ProTem/Secure System, Surgical Kits

Dental Products Implant Surgical Devices, Handpiece(Low/High speed handpiece),
Dental Materials, Sterilizer, Membrane, Bone Material, Toothpaste



ProTem/Secure

Protem/Secure Implant System

Post / Ball Type

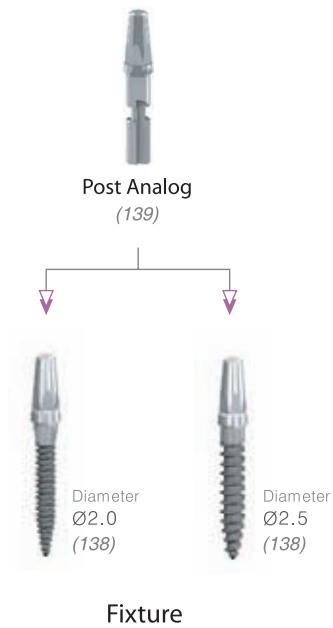


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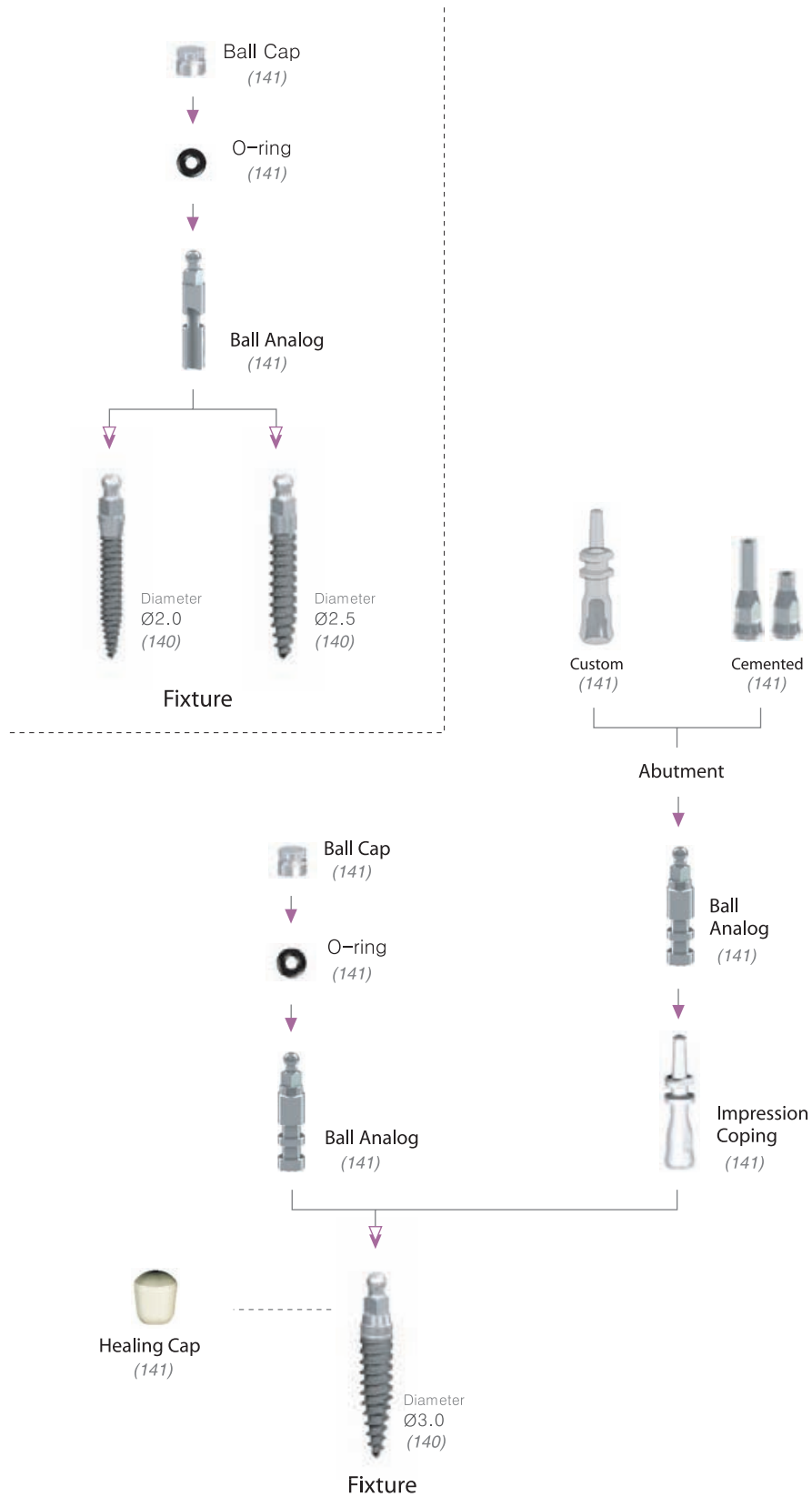
DIO IMPLANT SYSTEM

www.dio.co.kr

ProTem/Secure(Post) System Flowchart



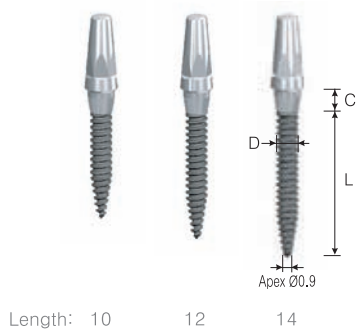
ProTem/Secure(Ball) System Flowchart



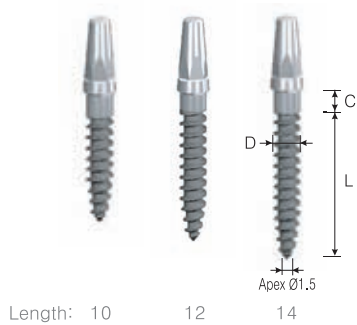
ProTem/Secure(Post) Fixture

- › Suitable for narrow spaces on the upper mandible
- › Single body Fixture and Abutment designed to withhold the stress of mastication
- › Highly bio-compatible RBM/Brushite(CaP) surface
- › Optimal abutment size and form to ensure successful implantation
- › Self-Tapping body design for secure initial entry and firm gripping power

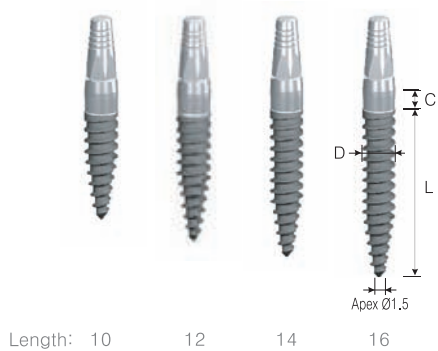
*Secure Fixture is exported to the USA and is an FDA approved product



Diameter	Ø2.0	
Pitch	0.6	
L \ C	2	4
10	MFP 20210	MFP 20410
12	MFP 20212	MFP 20412
14	MFP 20214	MFP 20414



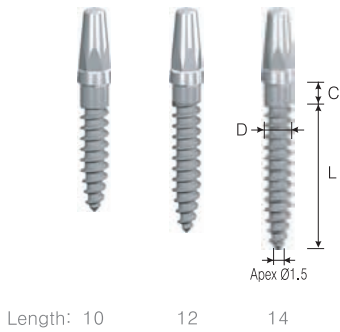
Diameter	Ø2.5	
Pitch	1	
L \ C	2	4
10	MFP 25210	MFP 25410
12	MFP 25212	MFP 25412
14	MFP 25214	MFP 25414



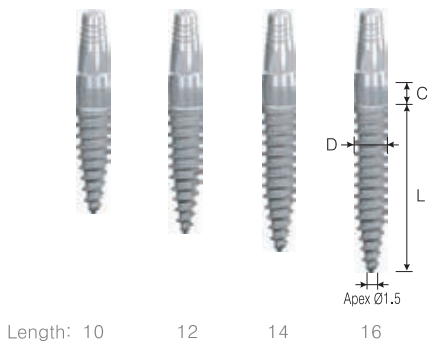
Diameter	Ø3.0	
Pitch	1	
L \ C	2	4
10	MFP 30210A	MFP 30410A
12	MFP 30212A	MFP 30412A
14	MFP 30214A	MFP 30414A
16	MFP 30216A	MFP 30416A

ProTem/Secure(Post) Fixture

Brushite(CaP)
Coated
"ProTem/Secure-H"

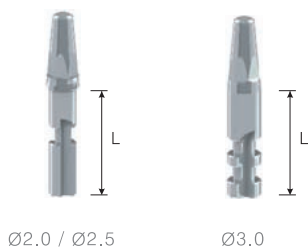


Diameter	Ø2.5	
Pitch	1	
L \ C	2	4
10	MFP 25210H	MFP 25410H
12	MFP 25212H	MFP 25412H
14	MFP 25214H	MFP 25414H



Diameter	Ø3.0	
Pitch	1	
L \ C	2	4
10	MFP 30210AH	MFP 30410AH
12	MFP 30212AH	MFP 30412AH
14	MFP 30214AH	MFP 30414AH
16	MFP 30216AH	MFP 30416AH

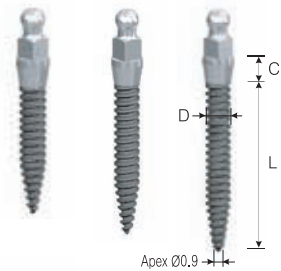
Post Analog



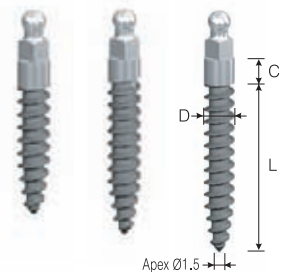
L \ Fixture Dia.	Ø2.0 / Ø2.5	Ø3.0
10	MAP 3010	MAP 3017

-Provides anchor point for fabricating ProTem/Secure Implant Post
-Package Contents: Analog

ProTem/Secure(Ball) Fixture

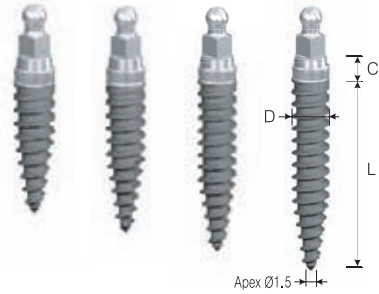


Diameter	Ø2.0	
Pitch	0.6	
L \ C	2	4
10	MFB 20210	MFB 20410
12	MFB 20212	MFB 20412
14	MFB 20214	MFB 20414



Length: 10 12 14

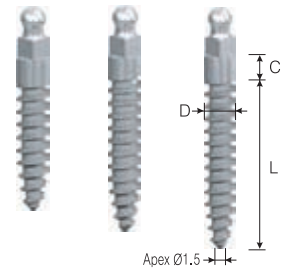
Diameter	Ø2.5	
Pitch	1	
L \ C	2	4
10	MFB 25210	MFB 25410
12	MFB 25212	MFB 25412
14	MFB 25214	MFB 25414



Length: 10 12 14 16

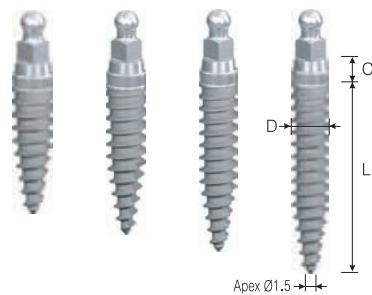
Diameter	Ø3.0	
Pitch	1	
L \ C	2	4
10	MFB 30210A	MFB 30410A
12	MFB 30212A	MFB 30412A
14	MFB 30214A	MFB 30414A
16	MFB 30216A	MFB 30416A

ProTem/Secure System



Length: 10 12 14

Diameter	Ø2.5	
Pitch	1	
L \ C	2	4
10	MFB 25210H	MFB 25410H
12	MFB 25212H	MFB 25412H
14	MFB 25214H	MFB 25414H



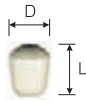
Length: 10 12 14 16

Diameter	Ø3.0	
Pitch	1	
L \ C	2	4
10	MFB 30210AH	MFB 30410AH
12	MFB 30212AH	MFB 30412AH
14	MFB 30214AH	MFB 30414AH
16	MFB 30216AH	MFB 30416AH

Restorative Products
ProTem/Secure(Ball)

- › Used in creating an immediate temporary system for removable prosthetics
- › Peek system healing cap and analog provides simple and convenient temporary prosthetic fabrication
- › Body designed for secure initial entry and firm gripping power
- › Optimal self-lapping thread design

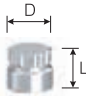
Healing Cap



L	D	
		Ø5.0
6		MHC 5006
8		MHC 5008

*For use with Ø3,0

Ball Cap



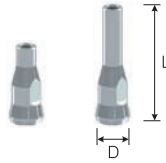
L	D	
		Ø3.8
3.4		MBC 3803

O-ring



L	D	
		Ø3.4
1		OR 3401

Cemented Abutment

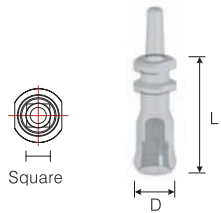


Length: 8 12

L	D	
		Ø3.5
8		MCB 3508
12		MCB 3512

*For use with Ø3,0

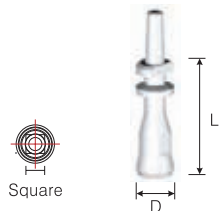
Custom Abutment



Length	Square	D	
			Ø4.0
11	1.67		MCA 4011

*For use with Ø3,0

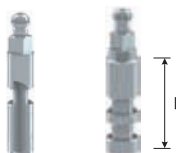
Impression Coping



Length	Square	D	
			Ø3.5
11	1.67		MIC 3511

*For use with Ø3,0

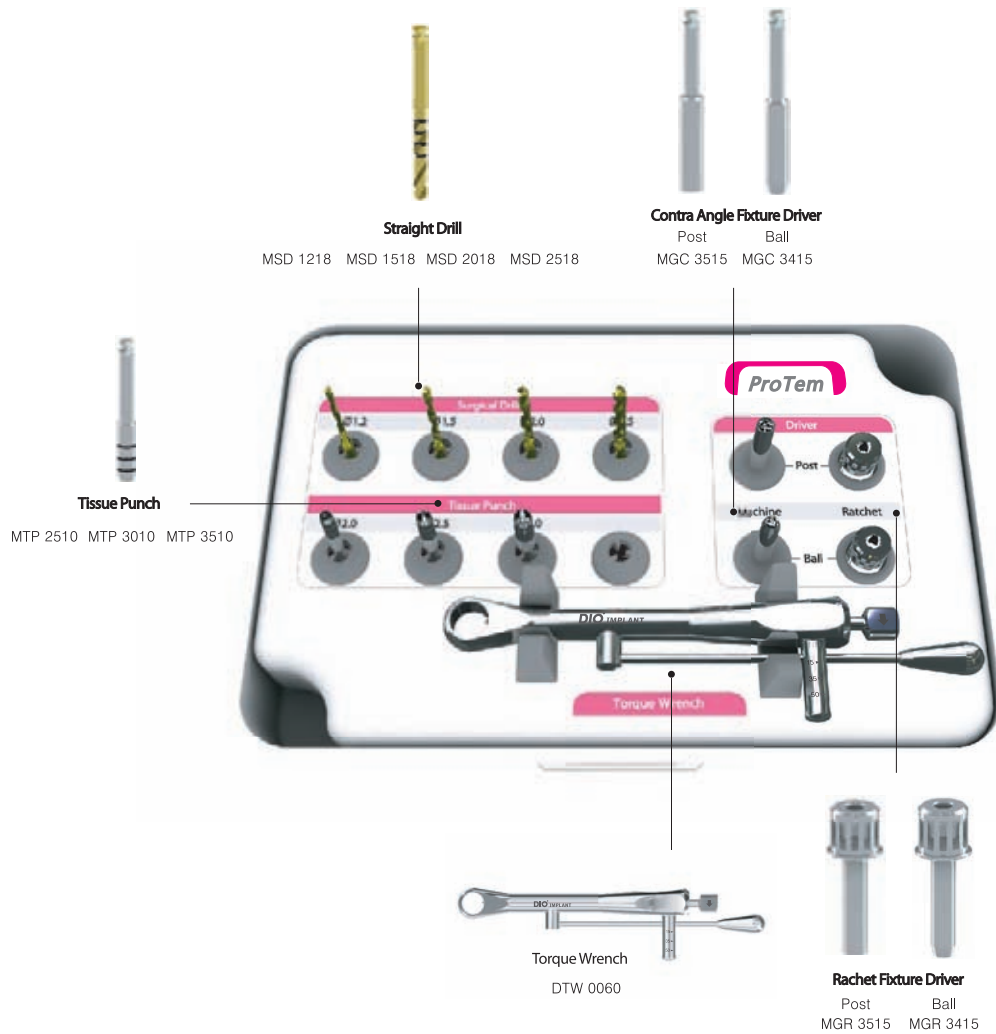
Ball Analog



Ø2.0 / Ø2.5 Ø3.0

L	Fixture Dia.		
		Ø2.0 / Ø2.5	Ø3.0
10		MAB 2510	MAB3014

ProTem/Secure Surgical Kit



Site Preparation

Post type / Ø3.0mm(Length: 12mm)

Ball type / Ø3.0mm(Length: 12mm)



No.	Fixture Diameter	Pitch	Dense Bone		Medium Bone		Poor Bone	
			Drill(Ø)	Depth(mm)	Drill(Ø)	Depth(mm)	Drill(Ø)	Depth(mm)
1	Ø2.0	0.6	1.2	1/2~3/4	1.2	Cortical~1/2	-	-
2	Ø2.5	1	2.0	1/2~3/4	1.5	1/2	1.5	Cortical
3	Ø3.0	1	2.5	3/4~Full	2.0~2.5	1/2~Full	2.0~2.5	1/3~1/2