

biodentoss

DENTAL IMPLANT SYSTEMS



www.biodentoss.com

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DENTAL IMPLANT SYSTEMS

Our experience in dental product manufacturing is the biggest strength behind the uniquely designed, innovative Biodentoss. For a healthier smile, Biodentoss values research and development more than anything else. Dental treatment will be more organic and more comfortable with the patented designs of Biodentoss...



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DENTAL IMPLANT SYSTEMS

CERTIFICATES

Biodentoss is periodically audited by international accredited organizations. Our products are in confidence with CE, ISO 13485: 2016 and ISO 9001: 2015 Quality Certificates.

CERTIFICATE

kiwa

DOME®
DEĞİRMENÇİ OTOMOTİV VE METAL ENDÜSTRİ A.Ş.

Ş. SULTANLARİSİ HÜSULU CADESİ NO:93A BEYŞEHİR - KONYA - TÜRKİYE

DESIGN, PRODUCTION AND DISTRIBUTION OF DENTAL IMPLANT SYSTEMS, DRILL AND SURGICAL HAND TOOLS

ISO 13485:2016

Has established a management system in accordance with international Medical Devices Quality Management System Standard "Yönetim Sistemi Standartları".

Certificate No : 18 10212
Initial Certification Date : 13 February 2016
Certification Date : 15 March 2021
Expiration Date : 14 March 2024

General Manager

IAF TÜRKÜL OF

19 May 2021, İstanbul, Turkey

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Certificates valid till expiration date, subject to successful completion of particular surveillance audits. Please contact Kiwa for detailed information.

19 May 2021, İstanbul, Turkey

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CERTIFICATE

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EC Certificate
Full Quality Assurance System according to
Medical Devices Directive 93/42/EEC Annex-II Section 3
Certificate Number: 1984-MDD-20-729

We hereby declare that an examination of the under mentioned full quality assurance system has been carried out following the requirements of the national legislation to which the undersigned is subjected, transposing annex II (with the exemption of section 4) of the Directive 93/42/EEC on medical devices. We certify that the full quality assurance system conforms with the relevant provisions of the aforementioned directive.

Organization:
DEĞİRMENÇİ OTOMOTİV VE METAL ENDÜSTRİ A.Ş.

Huğlu Mahallesi Huğlu Caddesi No:93A Beyşehir, Konya, Turkey

Products: Dental Implant Systems and BIODENTOSS Surgical Instruments & DWC Surgical Instruments

The products defined at the enclosure which is the part of this certificate and contains two pages. The certificate is valid till expiration date, subject to successful completion of periodical surveillance audits. Please contact Kiwa for details.

Report Number: M.5691.02
Date of first issue: 29 December 2020
Date of last issue: 19 May 2021
Revision Number: 01
Expiry Date: 27 May 2024

General Manager

19 May 2021, İstanbul, Turkey

kiwa

Muhtem Gökhan Yücel
Head of Notified Body

19 May 2021, İstanbul, Turkey

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CERTIFICATE

kiwa

DOME®
DEĞİRMENÇİ OTOMOTİV VE METAL ENDÜSTRİ A.Ş.

HÜSULU MAH. HÜSULU CAD. NO:93 A BEYŞEHİR - KONYA - TÜRKİYE

with a scope of
DESIGN, MANUFACTURING AND SALES OF AUTOMOTIVE SPARE PARTS, SHOTGUN SPARE PARTS, DEFENSE INDUSTRY SPARE PARTS

ISO 9001:2015

Has established a quality management system in accordance with international standard.

"Following elements of the standard are excluded":
"Sales"

Certificate No : 18 10887
Initial Certification Date : 27 November 2017
Certification Date : 08 December 2020
Expiration Date : 07 December 2023

General Manager

IAF TÜRKÜL OF

19 May 2021, İstanbul, Turkey

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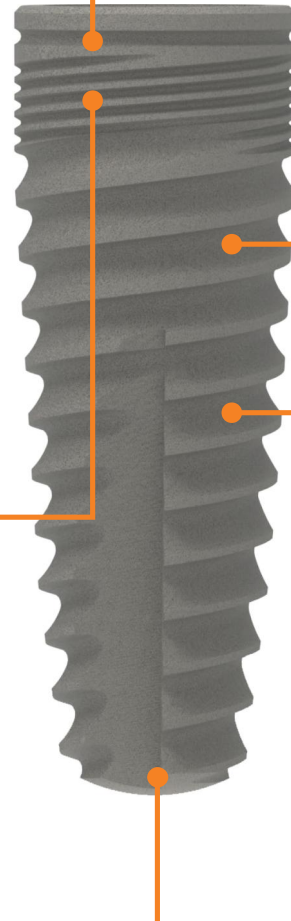
Conical Implant Design

Channel Design

Between the rough microthreads on the neck of the implant and the glossy surface, there is a channel with the same depth as the microthread depth. Since this channel is separate from microthreads, it will create a barrier for infections that may develop at the implant-prosthesis junction in the future. Thanks to this channel placed close to the neck of the implant, infections starting in the neck area is prevented from moving towards the apex of the implant during the treatment period. At the same time, marginal bone losses in the neck area of the implant is limited to the groove area created in the implant.

Microthreads

The neck of the Biodentoss implant consists of microthreads in contact with the cortical bone. Thanks to the microthreads, by creating less stress in the cortical bone region, passive placement of the implant is ensured. By the microthreads, the surface area of the implant in contact with the cortical bone increases, which contributes positively to the primary and secondary stabilization. In addition, the forces from the occlusal place less stress on the neck of the implant by microthreads.



Distance Between Threads

In reverse buttress implants, the distance between the threads is 0.8 mm, which creates primary stabilization and optimum stress in the cancellous bone region (longer or shorter thread distance than this creates negative stress). The distance between the microthreads is less than 0.8 mm, but the area covered by the microthreads is in the cortical bone region. Compared to cortical bone, stresses occurring in cancellous bone are more sensitive to the distance between the threads. The optimum distance between the threads increases the contact area between the bone and implant, increasing the tensile strength.

The thread depth of the Biodentoss implant gradually decreases from the apex to the coronal. The existence of deeper thread depth in the apex region of the implant will increase its retention in softer bone. The lesser thread depth in the coronal region will increase the placement and retention of the implant in the harder compact bone region, as well as prevent micro-stresses on the hard bone surface and bone loss in the future. The thread design, which becomes shallower from apical to coronal, can reduce cortical bone resorption by transferring more load from cortical bone to cancellous bone.

Apex Design

The apex region of the Biodentoss implant has a rounded structure. Thanks to this rounded structure of the apex region, damage to anatomical formations is prevented during implant placement. At the same time, because of the round structure, the formation of unwanted shear forces that occur at the apex of the implant due to the load from the occlusal will be prevented.

Design Of Threads

The screw design of the Biodentoss implant is reverse buttress. The reverse buttress screw design creates more flank overlap (the area between the screw threads) and is more resistant to tensile force. As the distance and depth between the screw threads of the implant increase, the contact area between the bone and the implant increases, so its mechanical strength increases.

The screw is designed as a double helix. The double helix screw design reduces the time of implant placement process. Although the thread depth is low, the four helical screws in the microthread region positively affect the primary and secondary retention by increasing the implant bone surface.

Conical Design

The core geometry of the implant descends conically from top to bottom. Conical core implants have higher tensile strength and placement torque. Reducing the core diameter without increasing the outer diameter too much increases the tensile strength by increasing the contact area between the bone and implant.

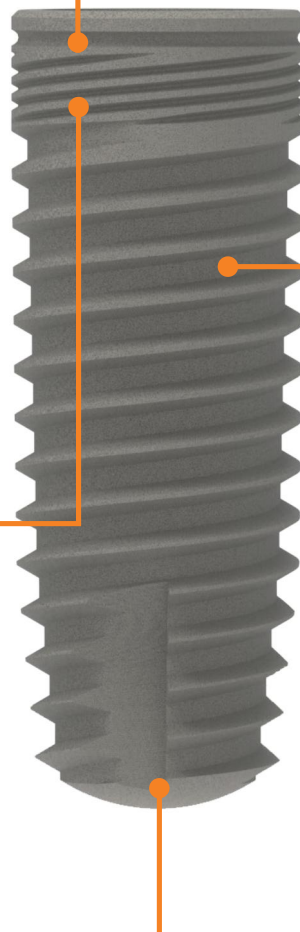
Cylindrical Implant Design

Channel Design

Between the rough microthreads on the neck of the implant and the glossy surface, there is a channel with the same depth as the microthread depth. Since this channel is separate of micro threads, it will create a barrier for infections that may develop due to use at the implant-prosthesis junction in the future. Thanks to this channel placed close to the neck of the implant, infections starting in the neck area is prevented from moving towards the apex of the implant during the treatment period. At the same time, marginal bone losses in the neck area of the implant is limited to the groove area created in the implant.

Microthreads

The neck of the Biodentoss implant consists of microthreads in contact with the cortical bone. Thanks to the microthreads, by creating less stress in the cortical bone region, passive placement of the implant is ensured. By the microthreads, the surface area of the implant in contact with the cortical bone increases, which contributes positively to the primary and secondary stabilization. In addition, the forces from the occlusal place less stress on the neck of the implant by microthreads.



Distance Between Threads

The distance between the threads of the Biodentoss cylindrical implant is 0.7 mm. The distance between the threads in V Shape implants is 0.7 mm, which creates primary stabilization and optimum stress in the cancellous bone region (longer or shorter thread distance than this creates negative stress). The distance between the microthreads is less than 0.7 mm, but the area covered by the microthreads is in the cortical bone region. Compared to cortical bone, stresses occurring in cancellous bone are more sensitive to the distance between the threads.

The thread depth of the Biodentoss implant gradually decreases from the apex to the coronal. The existence of deeper thread depth in the apex region of the implant will increase its retention in softer bone. The lesser thread depth in the coronal region will increase the placement and retention of the implant in the harder compact bone region, as well as prevent micro-stresses on the hard bone surface and bone loss in the future. The thread design, which becomes shallower from apical to coronal, can reduce cortical bone resorption by transferring more load from cortical bone to cancellous bone.

Apex Design

The apex region of the Biodentoss implant has a rounded structure. Thanks to this rounded structure of the apex region, damage to anatomical formations is prevented during implant placement. At the same time, because of the round structure, the formation of unwanted shear forces that occur at the apex of the implant due to the load from the occlusal will be prevented.

Design Of Threads

The screw design of the Biodentoss implant is V Shape. The V Shape screw design creates more flank overlap (the area between the screw threads) and is more resistant to tensile force. As the distance and depth between the screw threads of the implant increase, the contact area between the bone and the implant increases, so its mechanical strength increases. The antirotation channel extends from the apex to the middle of the body.

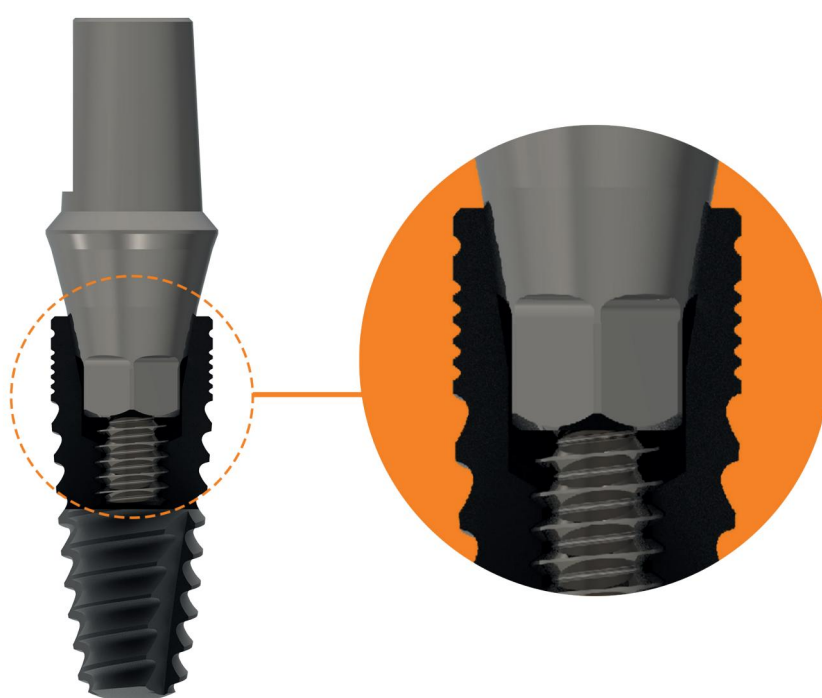
The screw is designed as a double helix. The double helix screw design reduces the time of implant placement process. Although the thread depth is low, the four helical screws in the microthread region positively affect the primary and secondary retention by increasing the implant bone surface.

Cylindrical Design

It has a cylindrical structure descending from top to bottom. The apex region has a rounded structure. The starting threads are designed as cutters for easy advancement of the implant.

Conical Connection With 11°

In Biodentoss dental implants, the implant-abutment connection is provided with a micro-gap and 11-degree conical hex connection that prevents movement. This type of connection prevents bacterial leakage and prevents micro-leakage problems at the implant abutment interface. By providing sufficient surface area between the implant and abutment, it provides resistance against micro-movements and protects the abutment screw against shear forces. The hex structure, on the other hand, not only ensures smooth and easy seating of the abutment, but also prevents screw loosening by preventing rotation of the abutment.



Platform Switch

The platform switching concept is based on keeping the prosthetic part platform width smaller than the diameter of the implant platform in dental implants. This concept, in which the implant-abutment connection is positioned more horizontally, is called "platform switching".

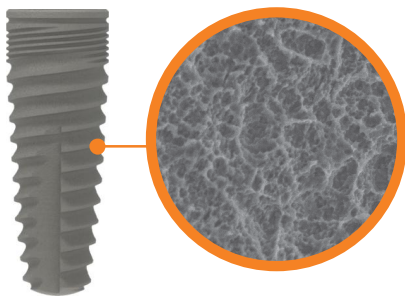
Implants with platform switching feature has less crestal bone loss and a successful aesthetic appearance achieved by preserving the gingival papilla. Biodentoss dental implants have a platform switch feature that minimizes resorption in the crestal bone by keeping the implant abutment connection far from the neck of the implant.



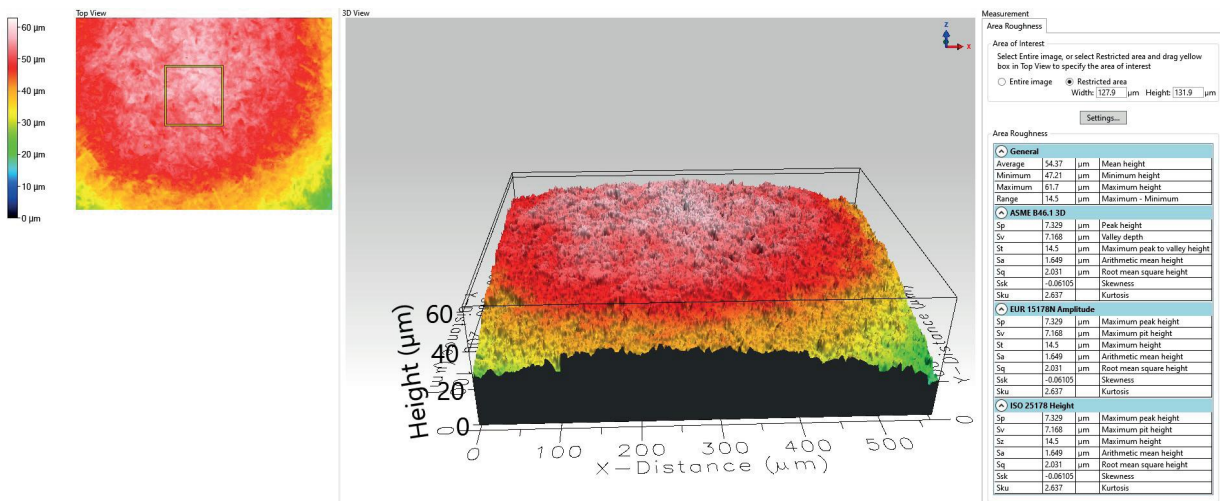
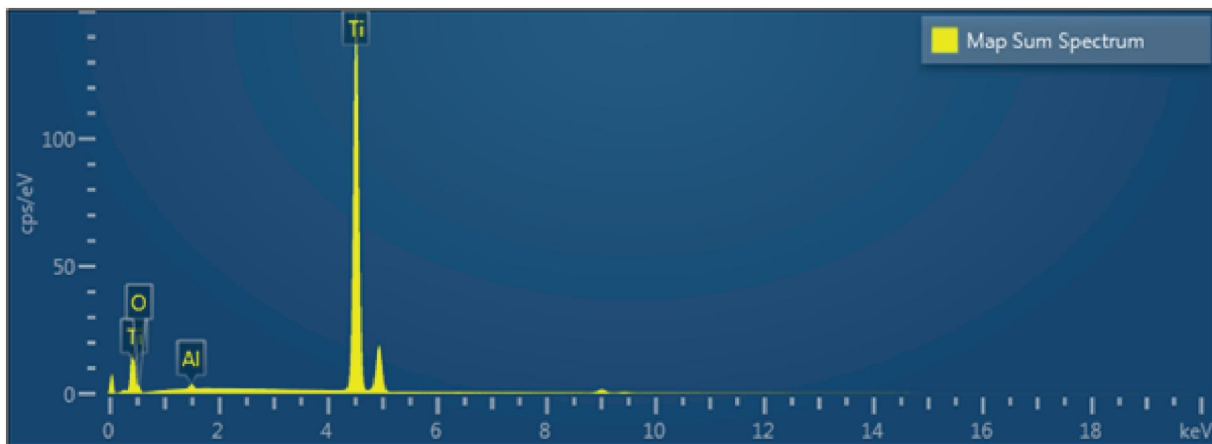
Surface Features

The surface of Biodentoss implants is SLA surface. SLA (Sand blasting-large acid etching) surface is produced by sandblasting with aluminum oxide particles to obtain macro roughness on the titanium surface. After the sandblasting process, by etching with strong acids at high temperatures for a certain period of time, micro-pits are formed inside the large pits and a roughness of 1-3 μm is obtained. Biodentoss implants have an average roughness of 1.649 μm .

After the SLA process, there is 89.30% Ti, 0.66% Al and 10.04% O element by weight on the surface.








Element	Line Type	Weight %	Weight % Sigma	Atomic %
Ti	K Series	89.30	0.22	74.08
Al	K Series	0.66	0.02	0.97
O	K Series	10.04	0.22	24.95
Total		100.00		100.00



CONICAL IMPLANTS

Platform	Diameter	Length	Product Code
Narrow 	Ø3.4	8.5 mm	BNKS 34085
		10 mm	BNKS 34100
		11.5 mm	BNKS 34115
		13 mm	BNKS 34130

Cover Screw
Product Code
BDN-C







Platform	Diameter	Length	Product Code
Regular 	Ø3.7	7.5 mm	BKS 37075
		8.5 mm	BKS 37085
		10 mm	BKS 37100
		11.5 mm	BKS 37115
		13 mm	BKS 37130
	Ø4.2	7.5 mm	BKS 42075
		8.5 mm	BKS 42085
		10 mm	BKS 42100
		11.5 mm	BKS 42115
		13 mm	BKS 42130
	Ø4.6	7.5 mm	BKS 46075
		8.5 mm	BKS 46085
		10 mm	BKS 46100
		11.5 mm	BKS 46115
		13 mm	BKS 46130
	Ø5.1	7.5 mm	BKS 51075
		8.5 mm	BKS 51085
		10 mm	BKS 51100
		11.5 mm	BKS 51115
		13 mm	BKS 51130
	Ø6.0	7.5 mm	BKS 60075
		8.5 mm	BKS 60085

Cover Screw
Product Code
BD-C


CYLINDRICAL IMPLANTS

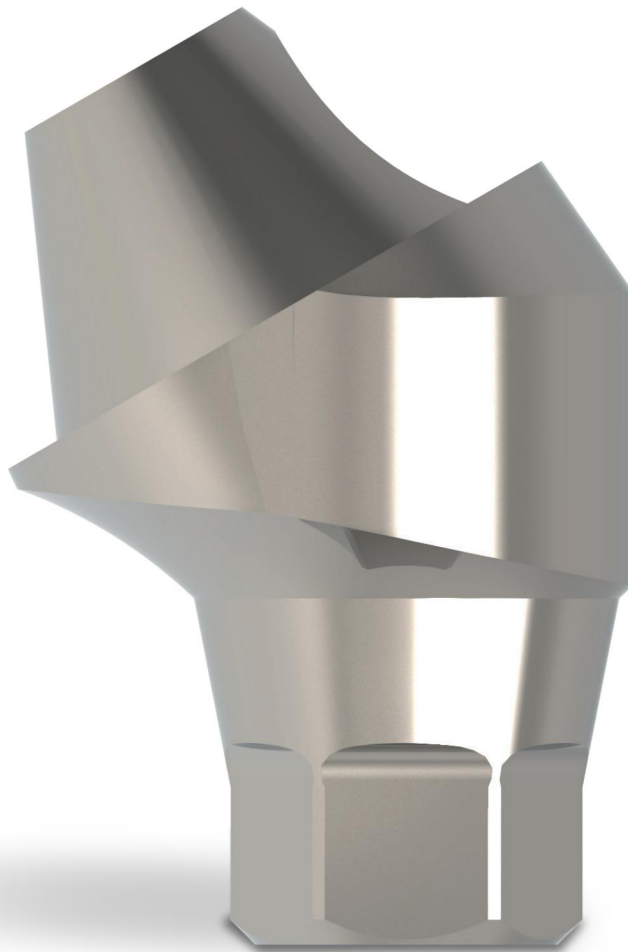
Platform	Diameter	Length	Product Code
Narrow 	Ø3.4	8.5 mm	BNCS 34085
		10 mm	BNCS 34100
		11.5 mm	BNCS 34115
		13 mm	BNCS 34130

Cover Screw
Product Code
BDN-C


Platform	Diameter	Length	Product Code
Regular 	Ø3.7	7.5 mm	BCS 37075
		8.5 mm	BCS 37085
		10 mm	BCS 37100
		11.5 mm	BCS 37115
		13 mm	BCS 37130
	Ø4.2	7.5 mm	BCS 42075
		8.5 mm	BCS 42085
		10 mm	BCS 42100
		11.5 mm	BCS 42115
		13 mm	BCS 42130
	Ø4.6	7.5 mm	BCS 46075
		8.5 mm	BCS 46085
		10 mm	BCS 46100
		11.5 mm	BCS 46115
		13 mm	BCS 46130
	Ø5.1	7.5 mm	BCS 51075
		8.5 mm	BCS 51085
		10 mm	BCS 51100
		11.5 mm	BCS 51115
		13 mm	BCS 51130
	Ø6.0	7.5 mm	BCS 60075
		8.5 mm	BCS 60085


Cover Screw
Product Code
BD-C


SUPERSTRUCTURES



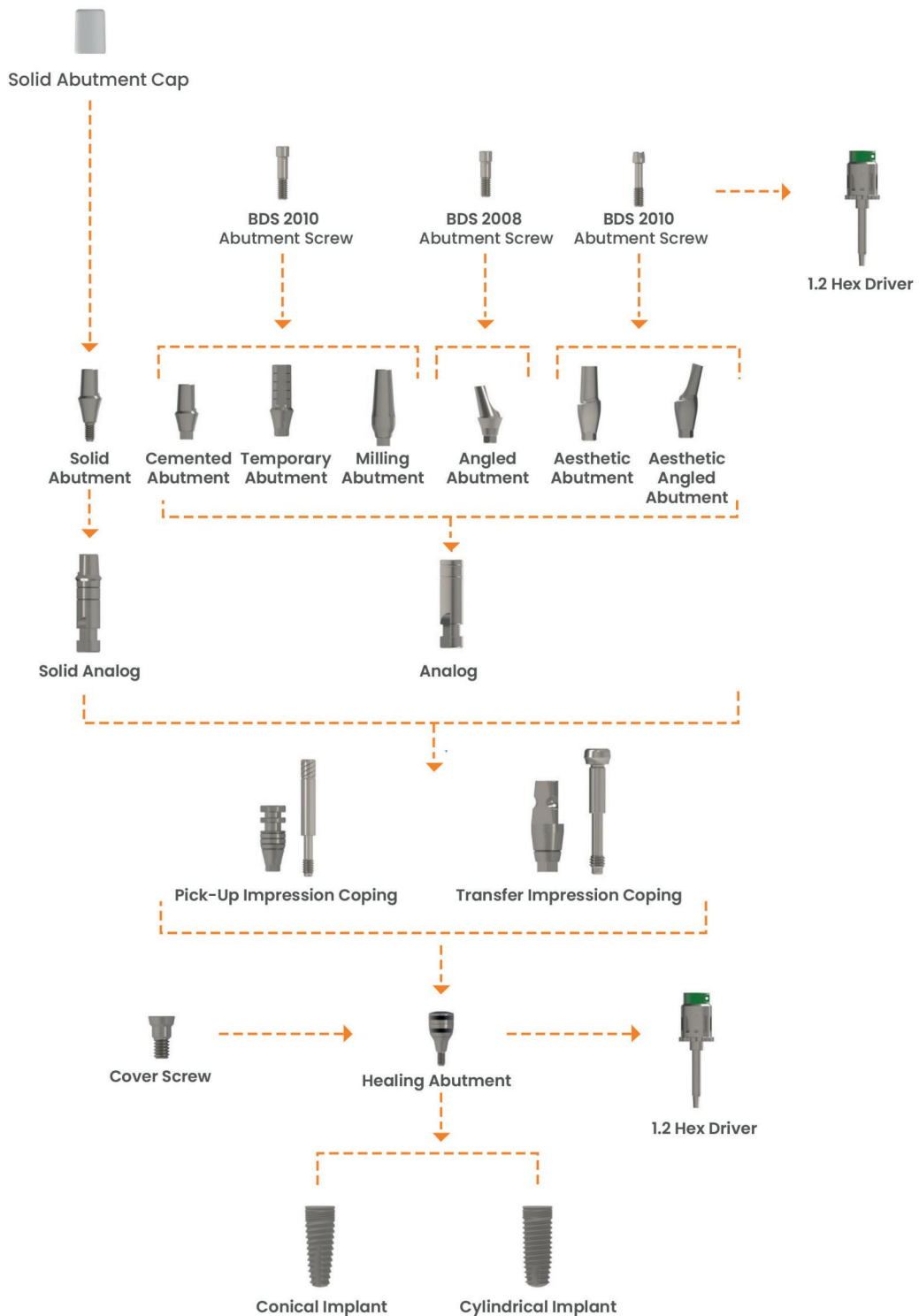
HEALING ABUTMENTS

Platform	Diameter	Length	Product Code
	Ø4.2	1.0 mm	BDNHA 4210
		2.5 mm	BDNHA 4225
		4.5 mm	BDNHA 4245
		6.5 mm	BDNHA 4265
	Ø5.0	1.0 mm	BDNHA 5010
		2.5 mm	BDNHA 5025
		4.5 mm	BDNHA 5045
		6.5 mm	BDNHA 5065
	Ø6.0	1.0 mm	BDNHA 6010
		2.0 mm	BDNHA 6025
		4.5 mm	BDNHA 6045



Platform	Diameter	Length	Product Code
	Ø5.0	1.0 mm	BDHA 4510
		2.0 mm	BDHA 4520
		3.5 mm	BDHA 4535
		5.5 mm	BDHA 4555
		7.5 mm	BDHA 4575
	Ø6.0	1.0 mm	BDHA 5510
		2.0 mm	BDHA 5520
		3.5 mm	BDHA 5535
		5.5 mm	BDHA 5555
		7.5 mm	BDHA 5575
	Ø7.0	1.0 mm	BDHA 6510
		2.0 mm	BDHA 6520
		3.5 mm	BDHA 6535
		5.5 mm	BDHA 6555

CEMENTED SYSTEM

Prosthetic Flow Diagram For Cemented System



Solid Abutments

Platform	Diameter	G/H	Lenght	Product Code		
Narrow 	Ø4.5	1	4.0 mm	BDNSA 45401		
		2	4.0 mm	BDNSA 45402		
		3	4.0 mm	BDNSA 45403		
		4	4.0 mm	BDNSA 45404		
		1	5.5 mm	BDNSA 45551		
		2	5.5 mm	BDNSA 45552		
		3	5.5 mm	BDNSA 45553		
		4	5.5 mm	BDNSA 45554		
		5	5.5 mm	BDNSA 45555		
		6	5.5 mm	BDNSA 45556		
		1	7.0 mm	BDNSA 45701		
		2	7.0 mm	BDNSA 45702		
		3	7.0 mm	BDNSA 45703		
		4	7.0 mm	BDNSA 45704		
			Ø5.5	1	4.0 mm	BDNSA 55401
				2	4.0 mm	BDNSA 55402
3	4.0 mm			BDNSA 55403		
4	4.0 mm			BDNSA 55404		
1	5.5 mm			BDNSA 55551		
2	5.5 mm			BDNSA 55552		
3	5.5 mm			BDNSA 55553		
4	5.5 mm			BDNSA 55554		
5	5.5 mm			BDNSA 55555		
6	5.5 mm			BDNSA 55556		
1	7.0 mm			BDNSA 55701		
2	7.0 mm			BDNSA 55702		
3	7.0 mm			BDNSA 55703		
4	7.0 mm			BDNSA 55704		

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Platform	Diameter	G/H	Length	Product Code	
Regular	Ø4.5	1	4.0 mm	BDSA 45401	
		2	4.0 mm	BDSA 45402	
		3	4.0 mm	BDSA 45403	
		4	4.0 mm	BDSA 45404	
		1	5.5 mm	BDSA 45551	
		2	5.5 mm	BDSA 45552	
		3	5.5 mm	BDSA 45553	
		4	5.5 mm	BDSA 45554	
		5	5.5 mm	BDSA 45555	
		6	5.5 mm	BDSA 45556	
		1	7.0 mm	BDSA 45701	
		2	7.0 mm	BDSA 45702	
	3	7.0 mm	BDSA 45703		
	4	7.0 mm	BDSA 45704		
	Ø5.5	4.0 mm	1	BDSA 55401	
			2	BDSA 55402	
			3	BDSA 55403	
			4	BDSA 55404	
		5.5 mm	1	BDSA 55551	
			2	BDSA 55552	
			3	BDSA 55553	
			4	BDSA 55554	
		5.5 mm	5	BDSA 55555	
			6	BDSA 55556	
			7.0 mm	1	BDSA 55701
				2	BDSA 55702
	3	BDSA 55703			
	4	BDSA 55704			
	Ø6.5	4.0 mm	1	BDSA 65401	
			2	BDSA 65402	
			3	BDSA 65403	
			4	BDSA 65404	
		5.5 mm	1	BDSA 65551	
			2	BDSA 65552	
			3	BDSA 65553	
			4	BDSA 65554	
5.5 mm		5	BDSA 65555		
		6	BDSA 65556		
		7.0 mm	1	BDSA 65701	
			2	BDSA 65702	
3	BDSA 65703				
4	BDSA 65704				



SOLID ABUTMENT COMPONENTS

Solid Analogs

Product	Diameter	Length	Product Code
	Ø4.5	4.0 mm	BDSLA 4540
		5.5 mm	BDSLA 4555
		7.0 mm	BDSLA 4570
	Ø5.5	4.0 mm	BDSLA 5540
		5.5 mm	BDSLA 5555
		7.0 mm	BDSLA 5570
	Ø6.5	4.0 mm	BDSLA 6540
		5.5 mm	BDSLA 6555
		7.0 mm	BDSLA 6570

Solid Abutment Caps

Product	Diameter	Length	Product Code
	Ø4.5	4.0 mm	BDSAC 4540
		5.5 mm	BDSAC 4555
		7.0 mm	BDSAC 4570
	Ø5.5	4.0 mm	BDSAC 5540
		5.5 mm	BDSAC 5555
		7.0 mm	BDSAC 5570
	Ø6.5	4.0 mm	BDSAC 6540
		5.5 mm	BDSAC 6555
		7.0 mm	BDSAC 6570


OTHER CEMENTED SYSTEM ABUTMENTS

Temporary Titanium Abutments

Platform	Diameter	G/H	Length	Product Code
Narrow	Ø4.5	1	8.0 mm	BDNTA 4581
		2	8.0 mm	BDNTA 4582
		3	8.0 mm	BDNTA 4583

SCREW

Product Code
BDNS 1610

Platform	Diameter	G/H	Length	Product Code
Regular	Ø4.5	1	8.0 mm	BDA 4581
		2	8.0 mm	BDA 4582
		3	8.0 mm	BDA 4583

SCREW

Product Code
BDS 2010

Cemented Abutments

Platform	Diameter	G/H	Length	Product Code
Narrow	Ø4.5	4	1.0 mm	BDNCA 45401
		4	2.0 mm	BDNCA 45402
		4	3.0 mm	BDNCA 45403
		4	4.0 mm	BDNCA 45404
		5,5	1.0 mm	BDNCA 45551
		5,5	2.0 mm	BDNCA 45552
		5,5	3.0 mm	BDNCA 45553
		5,5	4.0 mm	BDNCA 45554
		5,5	5.0 mm	BDNCA 45555
		5,5	6.0 mm	BDNCA 45556
		7	1.0 mm	BDNCA 45701
		7	2.0 mm	BDNCA 45702
		7	3.0 mm	BDNCA 45703
		7	4.0 mm	BDNCA 45704

SCREW

Product Code
BDNS 1610

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Platform	Diameter	G/H	Lenght	Product Code
Narrow	Ø4.15	4	1.0 mm	BDNCA 41401
		4	2.0 mm	BDNCA 41402
		4	3.0 mm	BDNCA 41403
		4	4.0 mm	BDNCA 41404
		5,5	1.0 mm	BDNCA 41551
		5,5	2.0 mm	BDNCA 41552
		5,5	3.0 mm	BDNCA 41553
		5,5	4.0 mm	BDNCA 41554
		5,5	5.0 mm	BDNCA 41555
		5,5	6.0 mm	BDNCA 41556
		7	1.0 mm	BDNCA 41701
		7	2.0 mm	BDNCA 41702
		7	3.0 mm	BDNCA 41703
		7	4.0 mm	BDNCA 41704

SCREW

Product Code

BDNS 1610

Platform	Diameter	G/H	Lenght	Product Code
Regular	Ø4.5	4	1.0 mm	BDCA 45401
		4	2.0 mm	BDCA 45402
		4	3.0 mm	BDCA 45403
		4	4.0 mm	BDCA 45404
		5,5	1.0 mm	BDCA 45551
		5,5	2.0 mm	BDCA 45552
		5,5	3.0 mm	BDCA 45553
		5,5	4.0 mm	BDCA 45554
		5,5	5.0 mm	BDCA 45555
		5,5	6.0 mm	BDCA 45556
		7	1.0 mm	BDCA 45701
		7	2.0 mm	BDCA 45702
		7	3.0 mm	BDCA 45703
		7	4.0 mm	BDCA 45704


SCREW

Product Code

BDS 2010

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DENTAL IMPLANT SYSTEMS

Platform	Diameter	G/H	Lenght	Product Code
	Ø5.5	4	1.0 mm	BDCA 55401
		4	2.0 mm	BDCA 55402
		4	3.0 mm	BDCA 55403
		4	4.0 mm	BDCA 55404
		5,5	1.0 mm	BDCA 55551
		5,5	2.0 mm	BDCA 55552
		5,5	3.0 mm	BDCA 55553
		5,5	4.0 mm	BDCA 55554
		5,5	5.0 mm	BDCA 55555
		5,5	6.0 mm	BDCA 55556
		7	1.0 mm	BDCA 55701
		7	2.0 mm	BDCA 55702
		7	3.0 mm	BDCA 55703
		7	4.0 mm	BDCA 55704
	Ø6.5	4	1.0 mm	BDCA 65401
		4	2.0 mm	BDCA 65402
		4	3.0 mm	BDCA 65403
		4	4.0 mm	BDCA 65404
		5,5	1.0 mm	BDCA 65551
		5,5	2.0 mm	BDCA 65552
		5,5	3.0 mm	BDCA 65553
		5,5	4.0 mm	BDCA 65554
		5,5	5.0 mm	BDCA 65555
		5,5	6.0 mm	BDCA 65556
		7	1.0 mm	BDCA 65701
		7	2.0 mm	BDCA 65702
		7	3.0 mm	BDCA 65703
		7	4.0 mm	BDCA 65704

SCREW

Product Code

BDS 2010


Milling Abutments

Platform	Diameter	G/H	Lenght	Product Code
Narrow	Ø4.5	12	2.0 mm	BDNMIA 45122
				

SCREW

Product Code

BDNS 1610

Platform	Diameter	G/H	Lenght	Product Code
Regular	Ø4.5	12	2.0 mm	BDMIA 45122
	Ø5.5	12	2.0 mm	BDMIA 55122
		12	3.0 mm	BDMIA 55123
	Ø6.5	12	2.0 mm	BDMIA 65122
		12	4.0 mm	BDMIA 65124

SCREW

Product Code

BDS 2010

Angled Abutments

Platform	Diameter	G/H	Lenght	Angle	Product Code
	Ø4.5	1	7.0 mm	7°	BDNAA 45071
		2	7.0 mm	7°	BDNAA 45072
		3	7.0 mm	7°	BDNAA 45073
		4	7.0 mm	7°	BDNAA 45074
	Ø4.5	1	7.0 mm	15°	BDNAA 45151
		2	7.0 mm	15°	BDNAA 45152
		3	7.0 mm	15°	BDNAA 45153
		4	7.0 mm	15°	BDNAA 45154
	Ø4.5	1	7.0 mm	25°	BDNAA 45251
		2	7.0 mm	25°	BDNAA 45252
		3	7.0 mm	25°	BDNAA 45253
		4	7.0 mm	25°	BDNAA 45254

SCREW

Product Code

BDNS 1608

biodentoss


DENTAL IMPLANT SYSTEMS

Platform	Diameter	G/H	Lenght	Angle	Product Code
	Ø5.5	1	7.0 mm	7°	BDNAA 55071
		2	7.0 mm	7°	BDNAA 55072
		3	7.0 mm	7°	BDNAA 55073
		4	7.0 mm	7°	BDNAA 55074
	Ø5.5	1	7.0 mm	15°	BDNAA 55151
		2	7.0 mm	15°	BDNAA 55152
		3	7.0 mm	15°	BDNAA 55153
		4	7.0 mm	15°	BDNAA 55154
	Ø5.5	1	7.0 mm	25°	BDNAA 55251
		2	7.0 mm	25°	BDNAA 55252
		3	7.0 mm	25°	BDNAA 55253
		4	7.0 mm	25°	BDNAA 55254

SCREW

Product Code


BDNS 1608

Platform	Diameter	G/H	Lenght	Angle	Product Code
	Ø5.0	1	7.0 mm	7°	BDAA 50071
		2	7.0 mm	7°	BDAA 50072
		3	7.0 mm	7°	BDAA 50073
		4	7.0 mm	7°	BDAA 50074
	Ø5.0	1	7.0 mm	15°	BDAA 50151
		2	7.0 mm	15°	BDAA 50152
		3	7.0 mm	15°	BDAA 50153
		4	7.0 mm	15°	BDAA 50154
	Ø5.0	1	7.0 mm	25°	BDAA 55251
		2	7.0 mm	25°	BDAA 55252
		3	7.0 mm	25°	BDAA 55253
		4	7.0 mm	25°	BDAA 55254

SCREW

Product Code

BDS 2008

Platform	Diameter	G/H	Length	Angle	Product Code
	Ø6.0	1	1.0 mm	7°	BDAA 60071
		2	2.0 mm	7°	BDAA 60072
		3	3.0 mm	7°	BDAA 60073
		4	4.0 mm	7°	BDAA 60074
	Ø6.0	1	1.0 mm	15°	BDAA 60151
		2	2.0 mm	15°	BDAA 60152
		3	3.0 mm	15°	BDAA 60153
		4	4.0 mm	15°	BDAA 60154
	Ø6.0	1	1.0 mm	25°	BDAA 60251
		2	2.0 mm	25°	BDAA 60252
		3	3.0 mm	25°	BDAA 60253
		4	4.0 mm	25°	BDAA 60254

SCREW

Product Code

BDS 2008


Aesthetic Abutments

Platform	Diameter	G/H	Length	Product Code
	Ø4.0	1.5	6.5 mm	BDNEA 40701
		2.0	6.0 mm	BDNEA 40702
		3.0	7.0 mm	BDNEA 40703
		4.0	8.0 mm	BDNEA 40704
	Ø4.5	1.5	6.5 mm	BDNEA 45701
		2.0	6.0 mm	BDNEA 45702
		3.0	7.0 mm	BDNEA 45703
		4.0	8.0 mm	BDNEA 45704

SCREW

Product Code

BDNEAS 1608

Platform	Diameter	G/H	Length	Product Code
	Ø4.5	1.5	6.5 mm	BDEA 45701
		2.0	6.0 mm	BDEA 45702
		3.0	7.0 mm	BDEA 45703
		4.0	8.0 mm	BDEA 45704
	Ø5.5	1.5	6.5 mm	BDEA 55701
		2.0	6.0 mm	BDEA 55702
		3.0	7.0 mm	BDEA 55703
		4.0	8.0 mm	BDEA 55704
	Ø6.5	1.5	6.5 mm	BDEA 65701
		2.0	6.0 mm	BDEA 65702
		3.0	7.0 mm	BDEA 65703
		4.0	8.0 mm	BDEA 65704

SCREW

Product Code

BDEAS 2010

Aesthetic Angled Abutments

Platform	Diameter	G/H	Length	Angle	Product Code
	Ø4.0	1.5	6.5 mm	7°	BDNEAA 40071
		2.0	6.0 mm	7°	BDNEAA 40072
		3.0	7.0 mm	7°	BDNEAA 40073
		4.0	8.0 mm	7°	BDNEAA 40074
		1.5	6.5 mm	17°	BDNEAA 40171
		2.0	6.0 mm	17°	BDNEAA 40172
		3.0	7.0 mm	17°	BDNEAA 40173
		4.0	8.0 mm	17°	BDNEAA 40174
	Ø4.5	1.5	6.5 mm	7°	BDNEAA 45071
		2.0	6.0 mm	7°	BDNEAA 45072
		3.0	7.0 mm	7°	BDNEAA 45073
		4.0	8.0 mm	7°	BDNEAA 45074
		1.5	6.5 mm	17°	BDNEAA 45171
		2.0	6.0 mm	17°	BDNEAA 45172
		3.0	7.0 mm	17°	BDNEAA 45173
		4.0	8.0 mm	17°	BDNEAA 45174

SCREW

Product Code

BDNS 1608

biodontoss

DENTAL IMPLANT SYSTEMS

Platform	Diameter	G/H	Length	Angled	Product Code
	Ø4.5	1.5	6.5 mm	7°	BDEAA 45071
		2.0	6.0 mm	7°	BDEAA 45072
		3.0	7.0 mm	7°	BDEAA 45073
		4.0	8.0 mm	7°	BDEAA 45074
		1.5	6.5 mm	17°	BDEAA 45171
		2.0	6.0 mm	17°	BDEAA 45172
		3.0	7.0 mm	17°	BDEAA 45173
		4.0	8.0 mm	17°	BDEAA 45174
	Ø5.5	1.5	6.5 mm	7°	BDEAA 55071
		2.0	6.0 mm	7°	BDEAA 55072
		3.0	7.0 mm	7°	BDEAA 55073
		4.0	8.0 mm	7°	BDEAA 55074
		1.5	6.5 mm	17°	BDEAA 55171
		2.0	6.0 mm	17°	BDEAA 55172
		3.0	7.0 mm	17°	BDEAA 55173
		4.0	8.0 mm	17°	BDEAA 55174
	Ø6.5	1.5	6.5 mm	7°	BDEAA 65071
		2.0	6.0 mm	7°	BDEAA 65072
		3.0	7.0 mm	7°	BDEAA 65073
		4.0	8.0 mm	7°	BDEAA 65074
		1.5	6.5 mm	17°	BDEAA 65171
		2.0	6.0 mm	17°	BDEAA 65172
		3.0	7.0 mm	17°	BDEAA 65173
		4.0	8.0 mm	17°	BDEAA 65174

SCREW

Product Code

BDEAS 2010

OTHER CEMENTED SYSTEM ABUTMENT COMPONENTS

Analog

Platform	Diameter	Lenght	Product Code
Narrow	Ø3.4	15.0 mm	BDNLA 3415
			

Platform	Diameter	Lenght	Product Code
Regular	Ø4.0	15.0 mm	BDLA 4015
			


Transfer Impression Coping

Platform	Diameter	Lenght	Product Code	SCREW
	Ø4.0	11.0 mm	BDNTIC 4011	Product Code
		14.0 mm	BDNTIC 4014	BDNTICS 1615
	Ø5.0	11.0 mm	BDNTIC 5011	BDNTICS 1618
		14.0 mm	BDNTIC 5014	

Platform	Diameter	Lenght	Product Code	SCREW
	Ø4.0	11.0 mm	BDTIC 4011	Product Code
	Ø5.0	11.0 mm	BDTIC 5011	BDTICS 2017
	Ø6.0	11.0 mm	BDTIC 6011	BDTICS 2020
	Ø4.0	14.0 mm	BDTIC 4014	
	Ø5.0	14.0 mm	BDTIC 5014	
	Ø6.0	14.0 mm	BDTIC 6014	

Pick-Up Impression Coping

Platform	Diameter	Length	Product Code	SCREW
Narrow	Ø4.5	10.0 mm	BDNPIC 4510	Product Code BDNPICS 1620
		13.0 mm	BDNPIC 4514	BDNPICS 1624

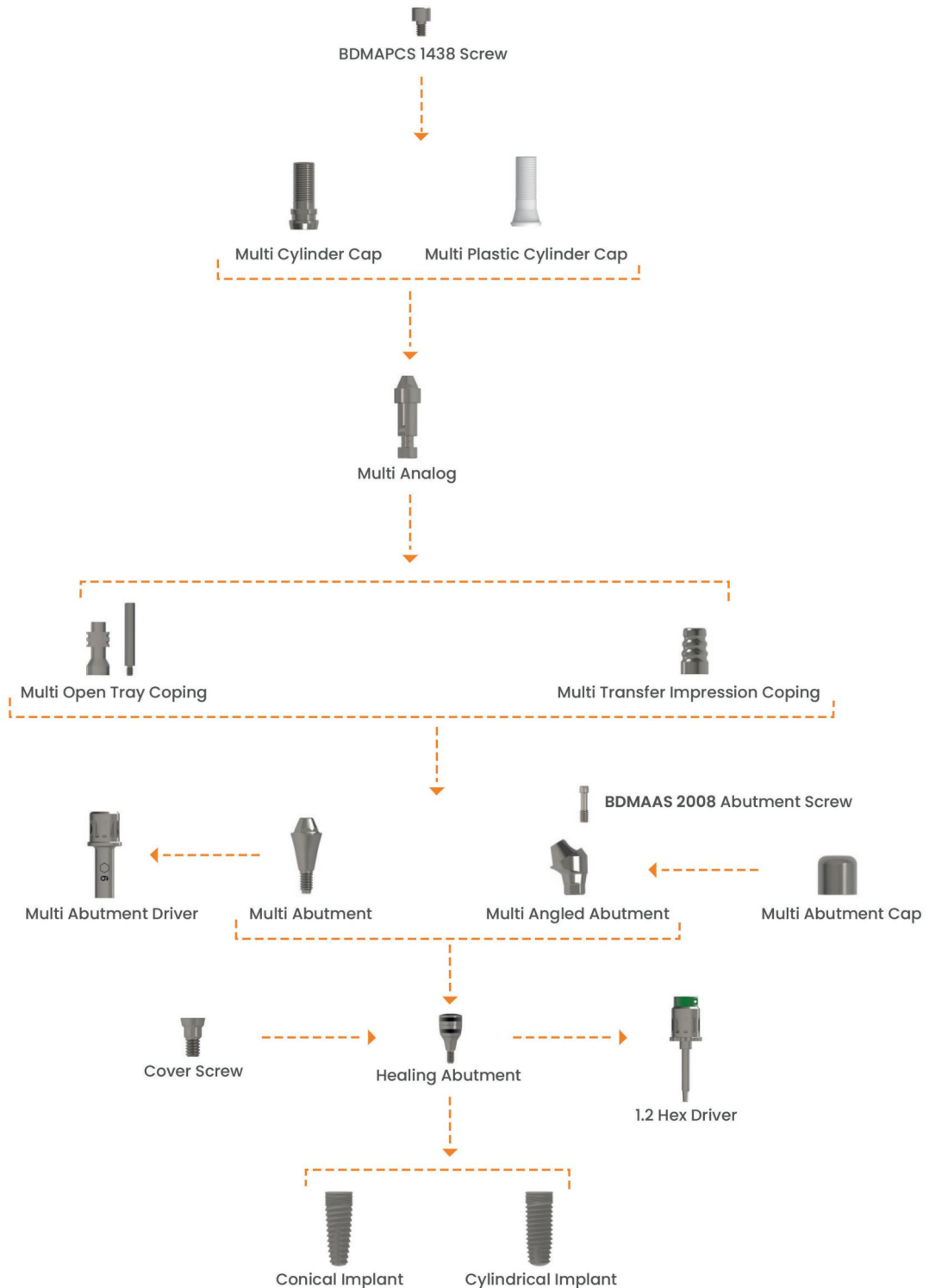
Platform	Diameter	Length	Product Code	SCREW
Regular	Ø4.8	10.0 mm	BDNPIC 4810	Product Code BDPICS 2013
		14.0 mm	BDNPIC 4814	BDPICS 2017
	Ø5.8	10.0 mm	BDNPIC 5810	

Impression Plastic Coping

Product	Diameter	Length	Product Code
	Ø4.5	10.0 mm	BDCAC 4510
	Ø5.5	10.0 mm	BDCAC 5510
	Ø6.5	10.0 mm	BDCAC 6510


MULTI SYSTEMS

Prosthetic Flow Diagram For Multi System

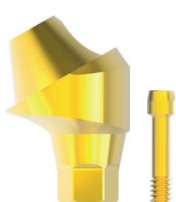


Multi Abutments

Platform	Diameter	G/H	Product Code
Narrow 	Ø4.8	1	BDNMA 481
		2	BDNMA 482
		3	BDNMA 483
		4	BDNMA 484

Platform	Diameter	G/H	Product Code
Regular 	Ø4.8	1	BDMA 481
		2	BDMA 482
		3	BDMA 483
		4	BDMA 484


Multi Angled Abutments

Platform	Diameter	G/H	Angle	Product Code
Narrow 	Ø4.8	2	17°	BDNMAA 48172
		3	17°	BDNMAA 48173
		4	17°	BDNMAA 48174
	Ø4.8	3	30°	BDNMAA 48303
		4	30°	BDNMAA 48304
		5	30°	BDNMAA 48305

SCREW

Product Code

BDNMAAS 1608

Platform	Diameter	G/H	Angle	Product Code
Regular 	Ø4.8	2	17°	BDMAA 48172
		3	17°	BDMAA 48173
		4	17°	BDMAA 48174
	Ø4.8	3	30°	BDMAA 48303
		4	30°	BDMAA 48304
		5	30°	BDMAA 48305

SCREW

Product Code


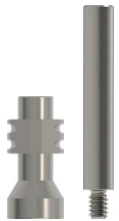
BDMAAS 2008

MULTI SYSTEM COMPONENTS

Multi Analogs

Product	Diameter	Lenght	Product Code
	Ø4.8	15.0 mm	BDMLA 4815

Multi Abutment Impression Coping

Product	Diameter	Lenght	Product Code
	Ø4.8	8.0 mm	BDMTIC 4880
	Ø4.8	10.7 mm	BDMOTIC 4811

SCREW

Product Code

BDMOTICS 1415

Multi Abutment Caps


Product	Diameter	Lenght	Product Code
	Ø4.8	4.8 mm	BDMAC 4848
	Ø4.8	12.0 mm	BDMATC 4812
	Ø4.8	12.0 mm	BDMAPC 4812

SCREW

Product Code

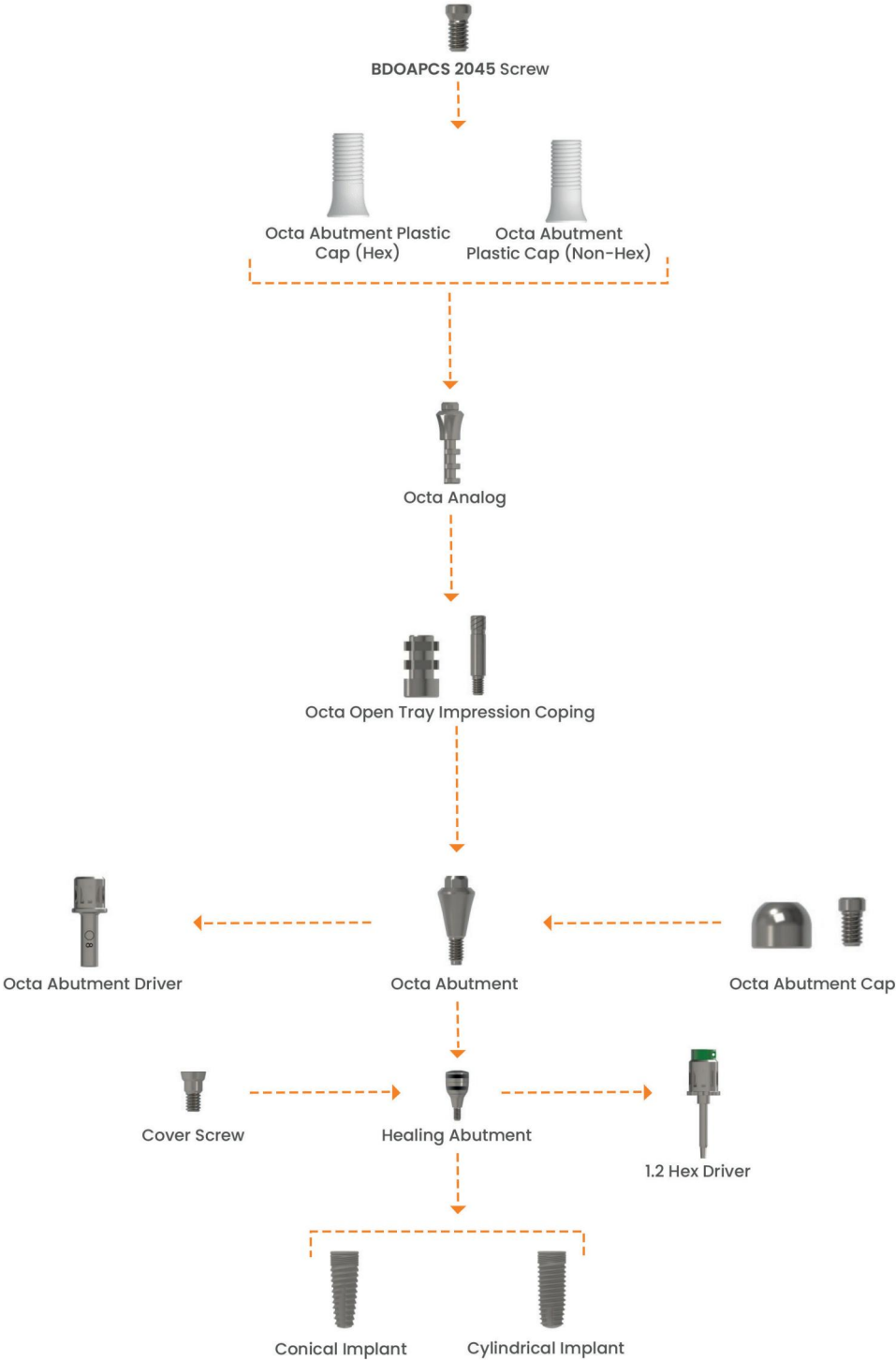
BDMAPCS 1438

Multi Abutment Drivers

Product	Diameter	Lenght	Product Code
	Ø4.5	12.0 mm	BDMUD 60120 R


OCTA SYSTEM

Prosthetic Flow Diagram For Octa System



Octa Abutments

Platform	Diameter	G/H	Product Code
Narrow	Ø4.8	1	BDNOA 481
		2	BDNOA 482
		3	BDNOA 483
		4	BDNOA 484


Platform	Diameter	G/H	Product Code
Regular	Ø4.8	1	BDOA 481
		2	BDOA 482
		3	BDOA 483
		4	BDOA 484

OCTA SYSTEM COMPONENTS

Octa Analogs

Product	Diameter	Length	Product Code
	Ø4.8	14.0 mm	BDOLA 4814

Octa Abutment Impression Coping

Product	Diameter	Length	Product Code
	Ø5.7	10.0 mm	BDOPIC 4810

SCREW


Product Code

BDOpics 2013

Octa Abutment Caps

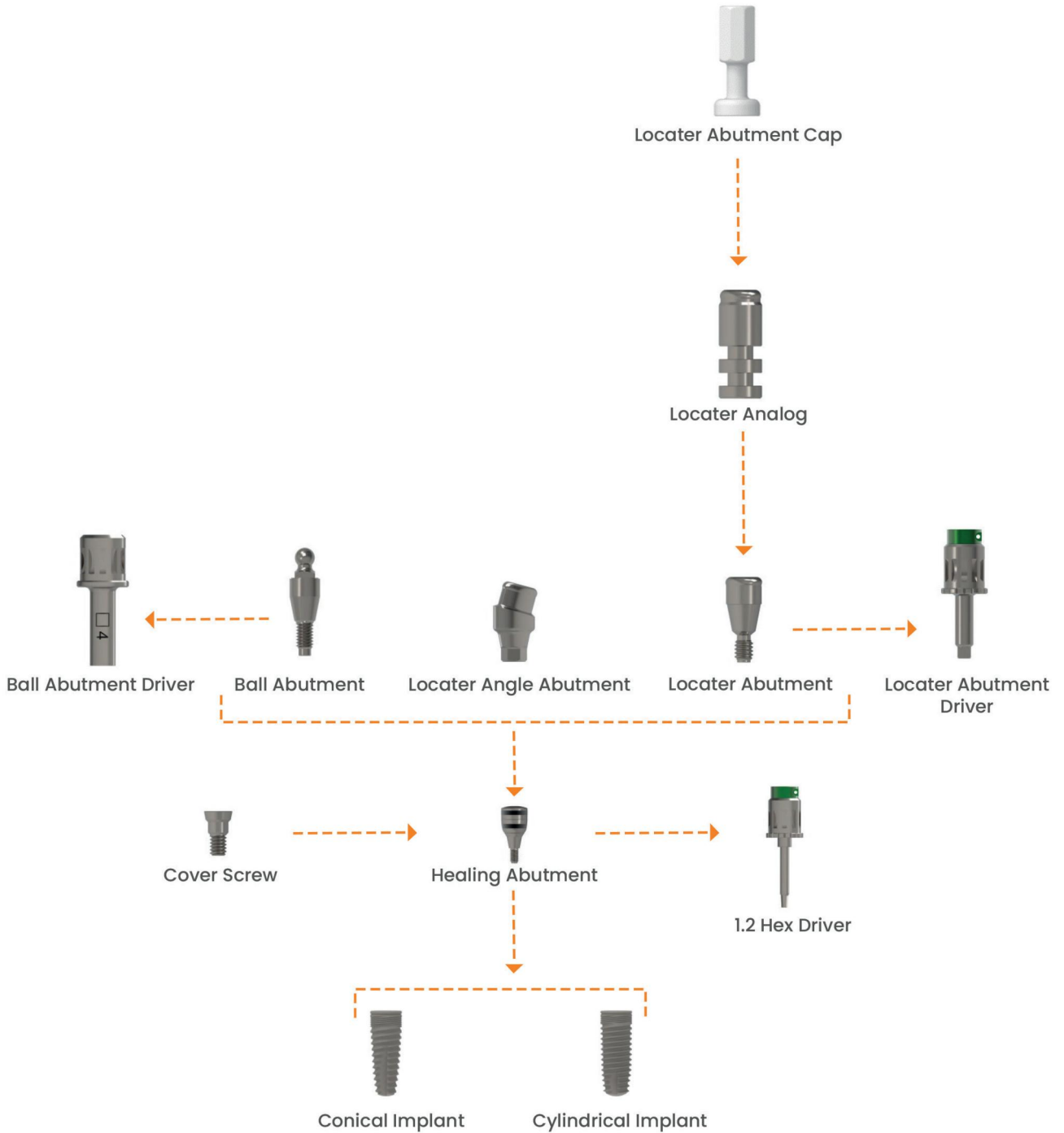
Product	Diameter	Lenght	Product Code	SCREW			
	Ø4.8	4.0 mm	BDOAC 4840	<table border="1"> <tr> <th>Product Code</th> </tr> <tr> <td>BDOACS 2045</td> </tr> <tr> <td>BDOAPCS 2045</td> </tr> </table>	Product Code	BDOACS 2045	BDOAPCS 2045
Product Code							
BDOACS 2045							
BDOAPCS 2045							
	Ø4.8	10.0 mm	BDOAPC 4810H				
	Ø4.8	10.0 mm	BDOAPC 4810NH				

Octa Abutment Drivers

Product	Diameter	Lenght	Product Code
	Ø3.9	12.0 mm	BDOCD 80120 R


OVERDENTURE SYSTEM


Prosthetic Flow Diagram For Overdenture System



OVERDENTURE SYSTEM ABUTMENT

Ball Abutments

Platform	Diameter	G/H	Product Code
Narrow	Ø4.5	1	BDNBA 451
		2	BDNBA 452
		3	BDNBA 453
		4	BDNBA 454
		5	BDNBA 455
		6	BDNBA 456

Platform	Diameter	G/H	Product Code
Regular	Ø4.5	1	BDBA 451
		2	BDBA 452
		3	BDBA 453
		4	BDBA 454
		5	BDBA 455
		6	BDBA 456

Locator Abutments

Platform	Diameter	G/H	Angle	Product Code
Narrow	Ø4.0	1	0°	BDNLOC 401
		2	0°	BDNLOC 402
		3	0°	BDNLOC 403
		4	0°	BDNLOC 404
		5	0°	BDNLOC 405
		6	0°	BDNLOC 406

Platform	Diameter	Length	Angle	Product Code
Regular	Ø4.0	1.0 mm	0°	BDLOC 401
		2.0 mm	0°	BDLOC 402
		3.0 mm	0°	BDLOC 403
		4.0 mm	0°	BDLOC 404
		5.0 mm	0°	BDLOC 405
		6.0 mm	0°	BDLOC 406


Locater Angled Abutments

Platform	Diameter	G/H	Angle	Product Code
Narrow	Ø4.5	1.5	15°	BDNLOC 40151
		3.0	15°	BDNLOC 40153

SCREW

Product Code

BDNLOCS 1608

Platform	Diameter	Length	Angle	Product Code
Regular	Ø4.5	1.5 mm	15°	BDLOC 40151
		3.0 mm	15°	BDLOC 40153

SCREW

Product Code

BDLOCS 2008

OVERDENTURE SYSTEM COMPONENTS

Locater Analogs

Product	Diameter	Lenght	Product Code
	Ø4.05	10.2 mm	BDLOA 4010

Locater Abutment Caps

Product	Diameter	Lenght	Product Code
	Ø4.7	11.3 mm	BDLOCB 4711

Overdenture Abutment Drivers

Product	Diameter	Lenght	Product Code
	Ø3.9	12.0 mm	BDBAD 40120 R

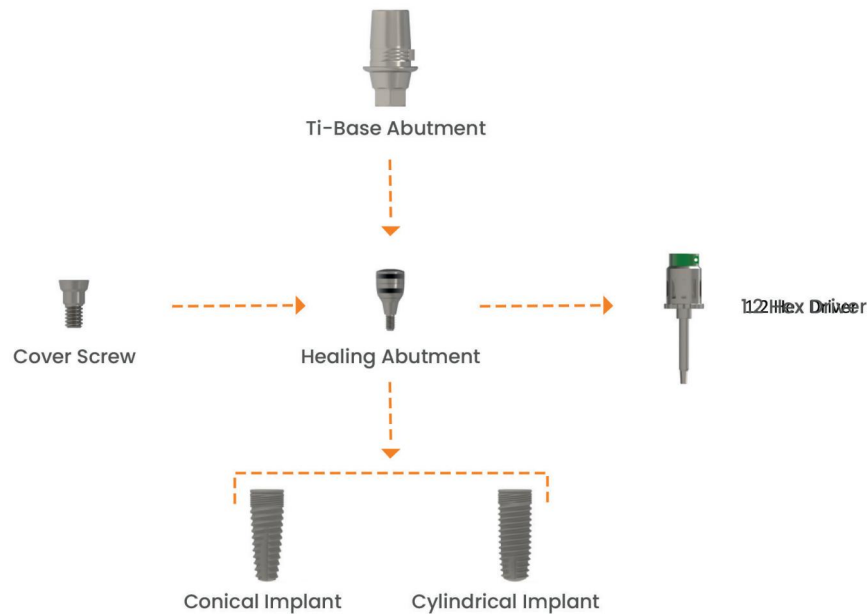
for ball abutment

Product	Diameter	Lenght	Product Code
	Ø3.12	11.0 mm	BDLOCD 30120 R

for locater abutment

DIGITAL SYSTEM


Prosthetic Flow Diagram For Digital System



T-Base Abutments

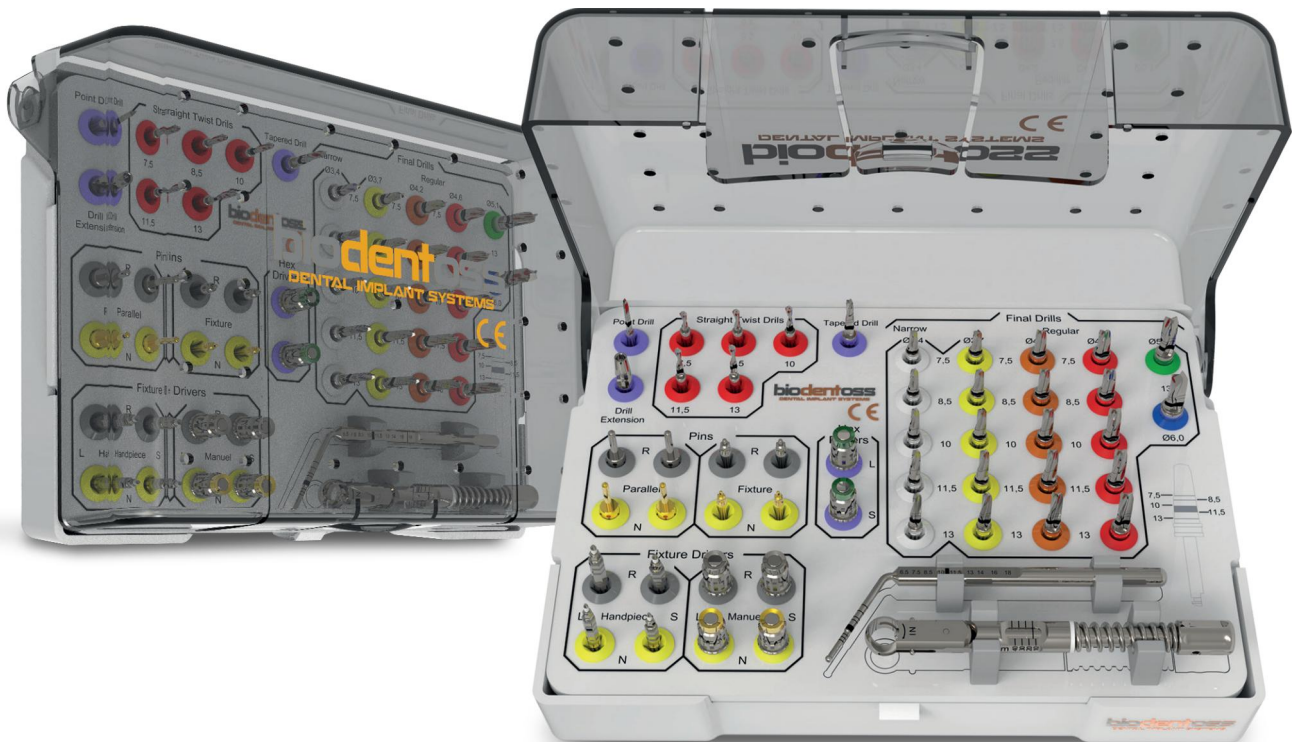
Platform	Diameter	G/H	Product Code
Narrow	Ø4.5	1	BDNTBA 451
			

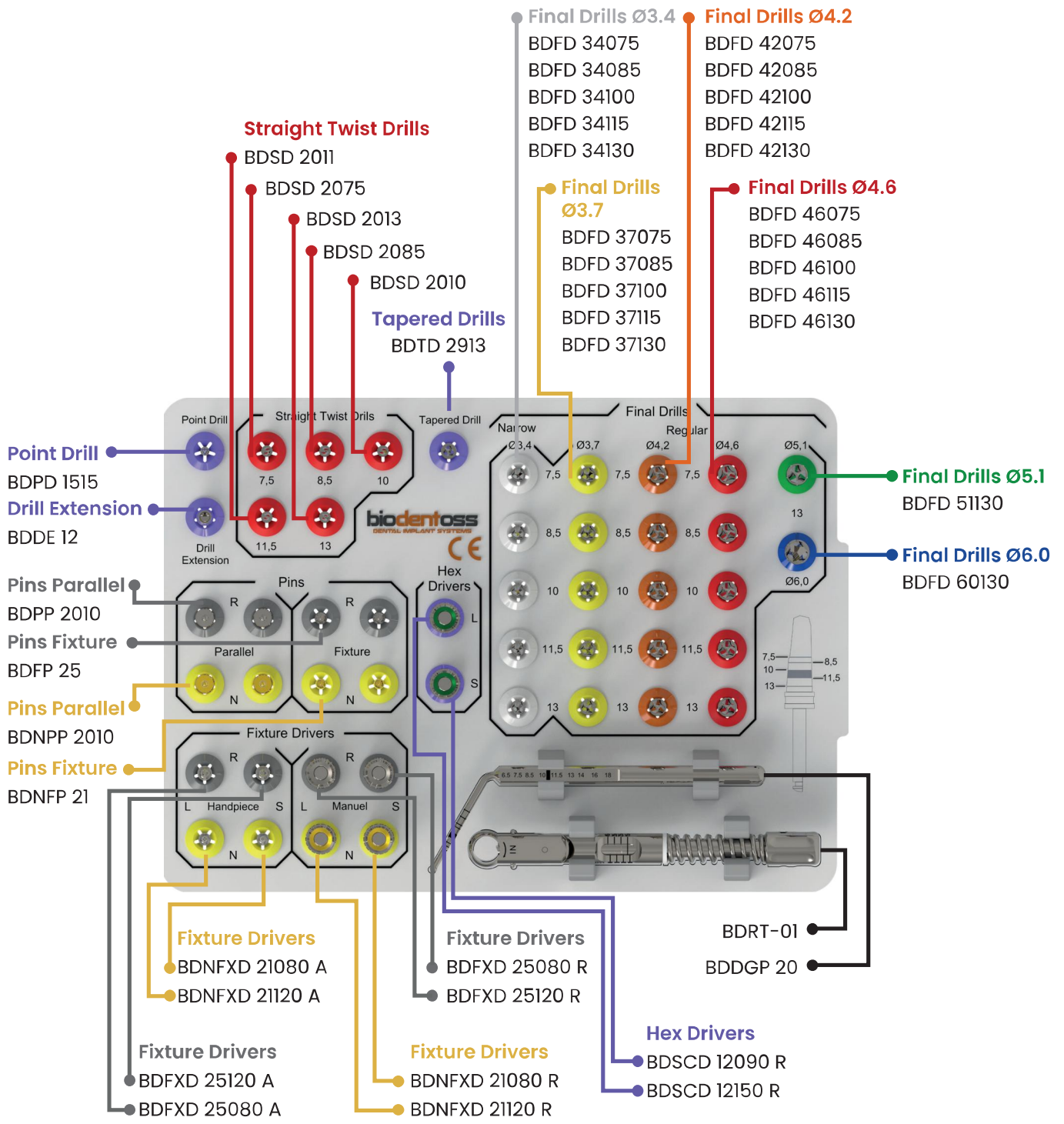
SCREW
Product Code
BDNS 1608

Platform	Diameter	G/H	Product Code
Regular	Ø4.5	1	BDTBA 451
			

SCREW
Product Code
BDS 2008

SURGICAL
Set





DRILLS


Drill Extension

Product	Diameter	Length	Product Code
	Ø4.5	26.0 mm	BDDE 12


Point Drill

Product	Diameter	Length	Product Code
	Ø1.5	15.0 mm	BDPD 1515


Straight Twist Drills


Product	Diameter	Length	Product Code
	Ø2.0	7.5 mm	BDS D 2075
		8.5 mm	BDS D 2085
		10.0 mm	BDS D 2010
		11.5 mm	BDS D 2011
		13.0 mm	BDS D 2013


Tapered Drill


Product	Diameter	Length	Product Code
	Ø2.30	13.0 mm	BDTD 2913


Final Drills


Product	Diameter	Lenght	Product Code
	Ø3.4	7.5 mm	BDFD 34075
		8.5 mm	BDFD 34085
		10. mm	BDFD 34100
		11.5 mm	BDFD 34115
		13.0 mm	BDFD 34130

Product	Diameter	Lenght	Product Code
	Ø3.7	7.5 mm	BDFD 37075
		8.5 mm	BDFD 37085
		10. mm	BDFD 37100
		11.5 mm	BDFD 37115
		13.0 mm	BDFD 37130

Product	Diameter	Lenght	Product Code
	Ø4.2	7.5 mm	BDFD 42075
		8.5 mm	BDFD 42085
		10. mm	BDFD 42100
		11.5 mm	BDFD 42115
		13.0 mm	BDFD 42130

Product	Diameter	Lenght	Product Code
	Ø4.6	7.5 mm	BDFD 46075
		8.5 mm	BDFD 46085
		10. mm	BDFD 46100
		11.5 mm	BDFD 46115
		13.0 mm	BDFD 46130

Product	Diameter	Lenght	Product Code
	Ø5.1	13.0 mm	BDFD 51130

Product	Diameter	Lenght	Product Code
	Ø6.0	13.0 mm	BDFD 60130

DRIVERS



Fixture Drivers

Platform	Diameter	Lenght	Product Code
Narrow			
	Ø3.0	8.0 mm	BDNFXD 21080 A
	Ø3.0	12.0 mm	BDNFXD 21120 A
	Ø3.0	8.0 mm	BDNFXD 21080 R
	Ø3.0	12.0 mm	BDNFXD 21120 R

Platform	Diameter	Lenght	Product Code
Regular			
	Ø3.5	8.0 mm	BDFXD 25080 A


Platform	Diameter	Length	Product Code
Narrow			
	Ø3.5	12.0 mm	BDFXD 25120 A
	Ø3.5	8.0 mm	BDFXD 25080 R
	Ø3.5	12.0 mm	BDFXD 25120 R

Screw Drivers

Product	Diameter	Length	Product Code
	Ø1.9	9.0 mm	BDSCD 12090 R
	Ø1.9	15.0 mm	BDSCD 12150 R

Product	Diameter	Length	Product Code
	Ø1.9	16.5 mm	BDSCD 12165 A

Ratchets

Product	Diameter	Length	Product Code
	Ø8.0	90.0 mm	BDRT 01

PINS

Parallel Pins

Platform	Diameter	Length	Product Code
Narrow	Ø5.0	10.0 mm	BDNPP 2010
			

Platform	Diameter	Lenght	Product Code
Regular	Ø5.0	10.0 mm	BDPP 2010
			

Fixture Pins

Platform	Diameter	Lenght	Product Code
Narrow	Ø2.8	20.5 mm	BDNFP 21
			

Platform	Diameter	Lenght	Product Code
Regular	Ø3.3	20.5 mm	BDFP 25
			

Depth Pins

Platform	Diameter	Lenght	Product Code
Regular	Ø1.90	18.0 mm	BDDGP 20
			

NOTES

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DENTAL IMPLANT SYSTEMS

bio**dent**oss

DENTAL IMPLANT SYSTEMS



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