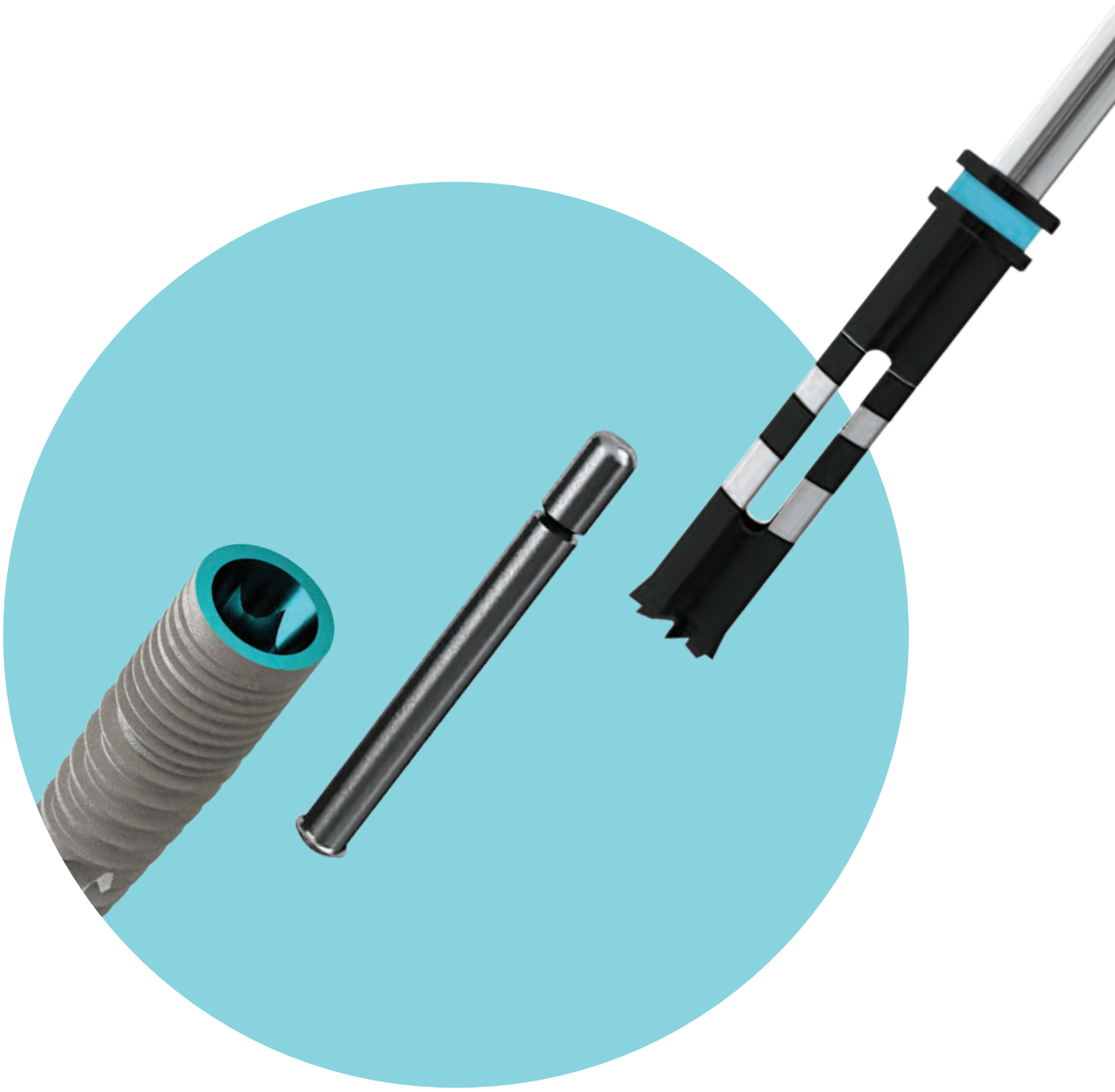

ARDS® IMPLANTS

WE MAKE IMPLANTATIONS EASIER FOR YOU





WE MAKE IMPLANTATIONS EASIER FOR YOU















ARDS® IMPLANTS

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ARDS® IMPLANTS

WE MAKE IMPLANTATIONS EASIER FOR YOU

WHO WE ARE

ARDS is an innovative dental implants company based in Israel, marketing its patented system worldwide since 2005. Our system integrates unique implants and surgical kit.

ARDS Implants system Makes Implantation Easier for Doctors.

We provide a number of significant benefits over standard protocols:

- **S**imple to place – the right implants to any type of bone with a simple to use toolset;
- **A**ccurate implants positioning – location and angulation, saving 40% bone, excellent bone-implant connection;
- **F**ast workflow - reduces chair time, improves dentist's productivity;
- **E**asy to follow protocol - for dentists of every experience level;

S A F E – Adding control and confidence to the doctor in the implantation process.

OUR STORY

Dr. Arny, ARDS implants system founder and inventor, is an experienced implantologist with over 30 years of implant dentistry practice and more than 30,000 implants placed. Over the years, he has found:

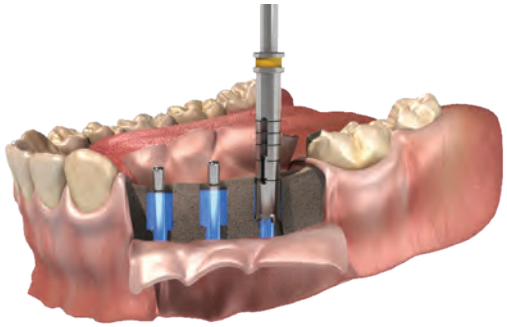
1. He needed implants designed in accordance with the different biological characteristics the bone has in different areas of the jaw, not the "one shape fits all" design common to other implants
2. A new drilling method was required to provide more confidence with the implantation surgical protocol; drill less where possible, drill accurately without worry that the drill angle might change compared to planning during the implantation process itself
3. Current methods were time consuming, requiring many drill changes for each implant, wasting valuable chair time. He wanted to shorten and simplify the process so that more patients could be treated.

His target was to make implantation easier for doctors

Through his knowledge and experience, he invented a unique implantation system, consisting of two aspects:

1. **D**ifferent **B**one **D**ifferent **D**esign **(DBD²)** – Anatomically designed implants, which take into consideration the bone's biological qualities (see page 7)

2. The **P**in **G**uided **D**rill – a unique surgical kit to support and guide the to drill accurately while making the implantation easier (see page 8)



Since its foundation, thousands of doctors from all over the world have used ARDS implants System combining these two aspects successfully.

Photo: ARDS Implants manufacturing site in Tefen industrial park

ARDS® IMPLANTS

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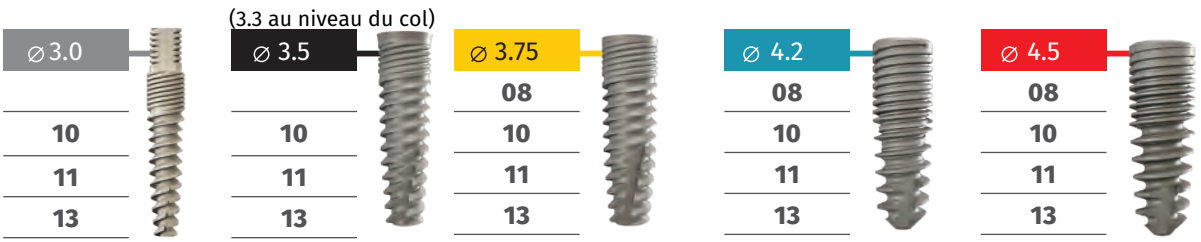
ARDS DBD² IMPLANT LINE

Narrow Ridge, hard bone Ø3.0 - Ø3.75

Soft Bone Ø4.2 - Ø4.5



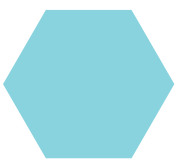
Different Bone Different Design (DBD²) for maximum primary stability where it counts

Our patented DBD² implants (US Patents #8491302, 8192199) are designed with the understanding that the bone around the jaw has different quality, different layers and different reaction to pressure, and therefore should have different design to care for these differences.

The coronal area has fine threads with narrow pitch to reduce pressure from the sensitive cortical bone (which may resorb under pressure). Towards the apex of the implants, the threads widen to compress the cancellous bone to achieve high primary stability. The cancellous bone, rich in blood vessels, is not damaged from the compression and supports the implant allowing good healing and osseointegration.

For hard bone, usually found in the anterior part of the mandible (D1, D2) our CIT implants use less aggressive buttress threads and sharp first apical thread to make the insertion easier in harder, more cortical bone. For soft bone, usually found towards the posterior area (D3, D4) our Smart implants use deeper threads with more compression of the cancellous bone to achieve more primary stability in that region.

In order to confirm this theory, we conducted a study that examined the collapse point of the implants under vertical pressure to simulate mastication forces. The results were conclusive - our implants were up to 47% more resistant than competing implants.



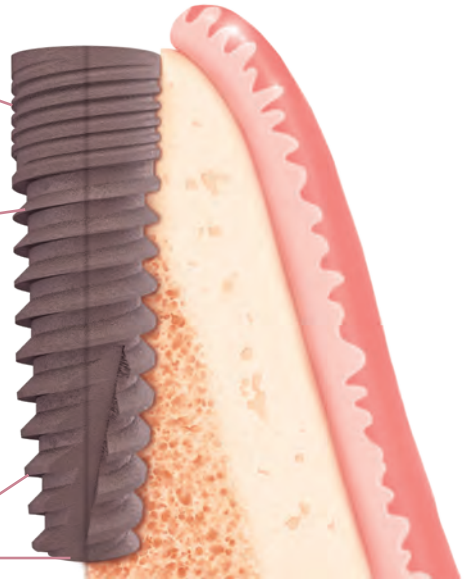
Internal Hex Connection

Conical Connection

EASY TO PLACE CIT IMPLANT:

Narrow Ridge, hard bone | Ø3.0 - Ø3.75 | Bone type I & II

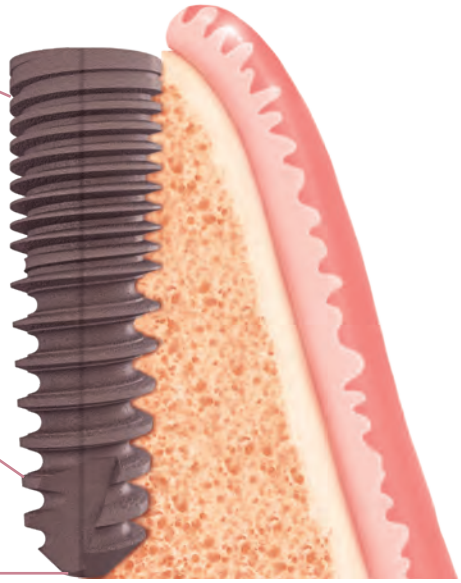
1. A 4 start micro-thread enable thetightening of the bone t othe implant in maximum Bone-Implant connection
2. Sharp Buttress thread to cut through cortical bone
3. Wide Buttress thread to compress cancellous bone
4. A cutting apex for self drilling and easy insertion



EASY TO PLACE SMART IMPLANT:

Soft Bone, Sinus Area | Ø4.2 & Ø4.5 | Bone type III & IV

1. Reduce pressure from the sensitive cortical bone
2. Wide deep thread to compress cancellous bone
3. Round apex – safe under the sinus



ARDS PIN-GUIDED DRILLING TECHNIQUE

Pin Guided Drill: for easier, accurate and fast implantation

- **S**imple to place – the right implants to any type of bone with a simple to use toolset;
- **A**ccurate implants positioning - location and angulation, saving 40% bone, excellent bone-implant connection;
- **F**ast workflow - reduces chair time, improves dentist's productivity;
- **E**asy to follow protocol -for dentists of every experience level;

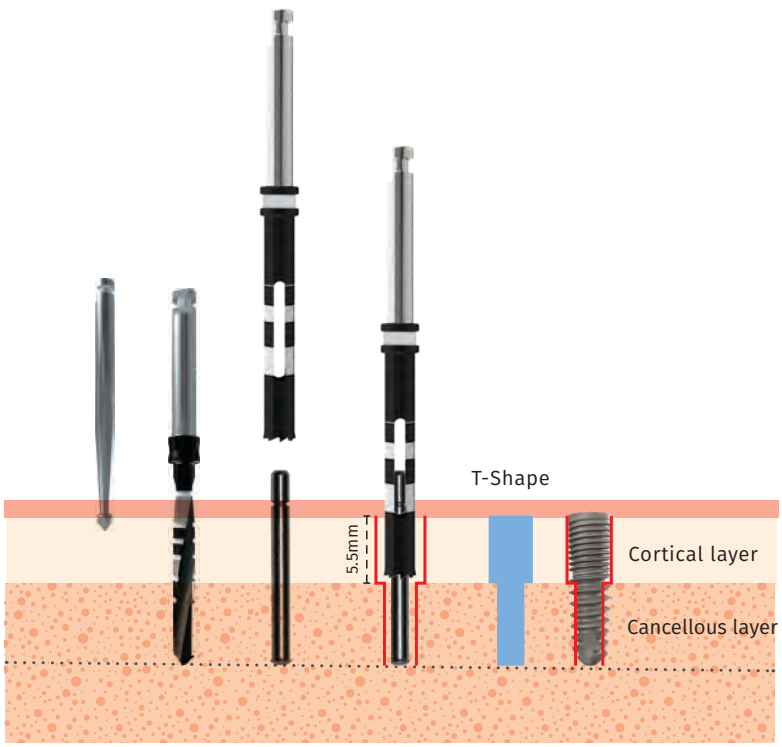
S A F E - Adding control and confidence to the doctor in the implantation process.

Our special **P**in **G**uided **D**rill **(PGD)** surgical kit supports and guides the doctor to drill accurately while:

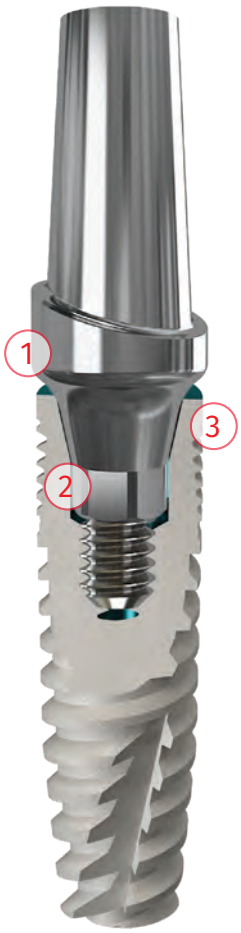
1. Preventing vibrations and angulation changes when changing drills.
2. **PGD** requires less drilling and saves 40% bone in comparison to standard drilling.
3. The PGD methodical technique improves the surgeon's workflow with less drill-bits changes which helps saving valuable chair time.
4. The PGD improves aesthetic rehabilitation by achieving parallel osteotomies and parallely placed implants easily.
5. While drilling with the **PGD**, a T-Shape osteotomy is created: A larger borehole is created at the cortical bone to enable more gentle entry of the implant with reduced pressure in this sensitive and problematic area.
6. The **PGD** technique creates a narrow borehole in the cancellous bone, which is richer in blood supply and can be compressed. The implant actively enters the cancellous area and achieves high primary stability and excellent bone implant connection (BIC).

SIMPLE
ACCURATE
FAST
EASY

SAFE!



THE ADVANTAGES OF ARDS CONICAL CONNECTION PLATFORM



1. Enhanced Platform switching: reduced diameter abutment allows the bone to better integrate with the implant at its shoulder area while providing better support to the soft tissue which improves the esthetic result.

2. Wider coronal area provides more strength around the abutment interface area. The elongated abutment entering the implant with tighter retention eliminates micro movements of the abutment and creates a more rigid abutment with better stability.

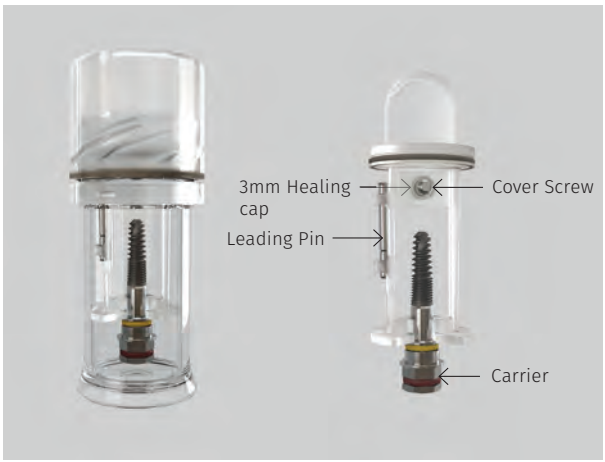
3. The tight seal created between implant and abutment reduces the potential penetration of bacteria below the gums-bone line.

PACKAGING

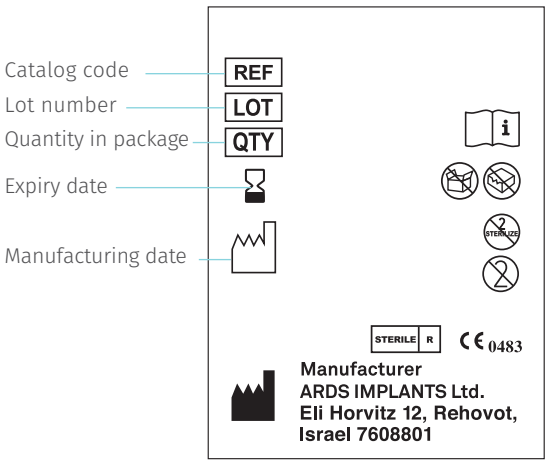
All packages contain a cover screw.
For Smart and CIT implants, a leading pin is supplied inside the capsule.
For 3mm implants, a healing cap is supplied as well. Please note that the carrier piece of the 3mm implant is also used as its abutment driver.

Internal Hex

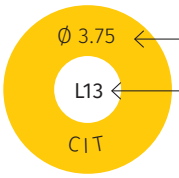
Connical Connection



Double label for patients forms and traceability

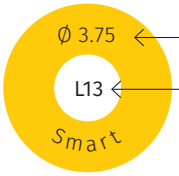


Internal Hex Connection



Diameter of the implant

Length of the implant



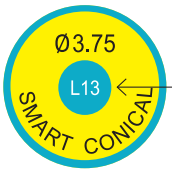
Diameter of the implant

Length of the implant

Connical Connection

Diameter of the implant

Length of the implant



Diameter of the implant

Length of the implant

Implants packages and final drills are color coded

Ø3.0 mm	Ø3.3 mm	Ø3.75 mm	Ø 4.2 mm	Ø 4.5 mm	Ø5.0 mm	Ø6.0 mm

SMART

THE ORIGINAL DUAL THREAD DESIGN (US PATENTS #8491302, 8192199)

Ø	Platform	8mm	10mm	11.5mm	13mm
3.75		S37508	S37510	S37511	S37513
		SC37508	SC37510	SC37511	SC37513
4.2		S42008	S42010	S42011	S42013
		SC42008	SC42010	SC42011	SC42013
4.5		S45008	S45010	S45011	S45013
		SC45008	SC45010	SC45011	SC45013

CIT

CONFIDENCE INSPIRING TECHNOLOGY

AJOUTER

Ø	Platform	8mm	10mm	11.5mm	13mm
3.5 3.3 au niveau du col	⬢		CI3310	CI3311	CI3313
	■		CIC3310	CIC3311	CIC3313
3.75	⬢	CI3708	CI3710	CI3711	CI3713
	■	CIC3708	CIC3710	CIC3711	CIC3713
4.2	⬢	CI4208	CI4210	CI4211	CI4213
	■	CIC4208	CIC4210	CIC4211	CIC4213
5.0	⬢	CI5008	CI5010	CI5011	CI5013
6.0	⬢	CI6008	CI6010	CI6011	CI6013

CIT

NARROW RIDGE Ø3.0

Ø	10mm	11.5mm	13mm
3.0	CI3010	CI3011	CI3013

A one stage Ø3.00mm CIT implant, designed for narrow ridges and tight spaces.

It can be rehabilitated by using either:
straight abutment / ball attachment / casting sleeve

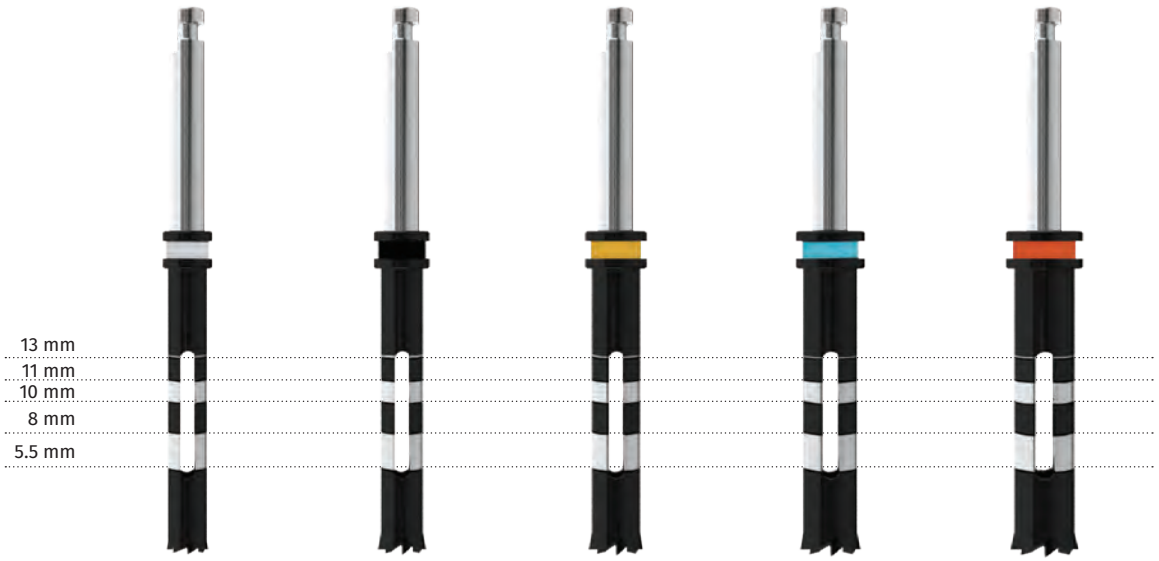
Packaged together with:

Healing cap for 3mm
Code: HO3000

DRILLS / PIN GUIDED DRILLS

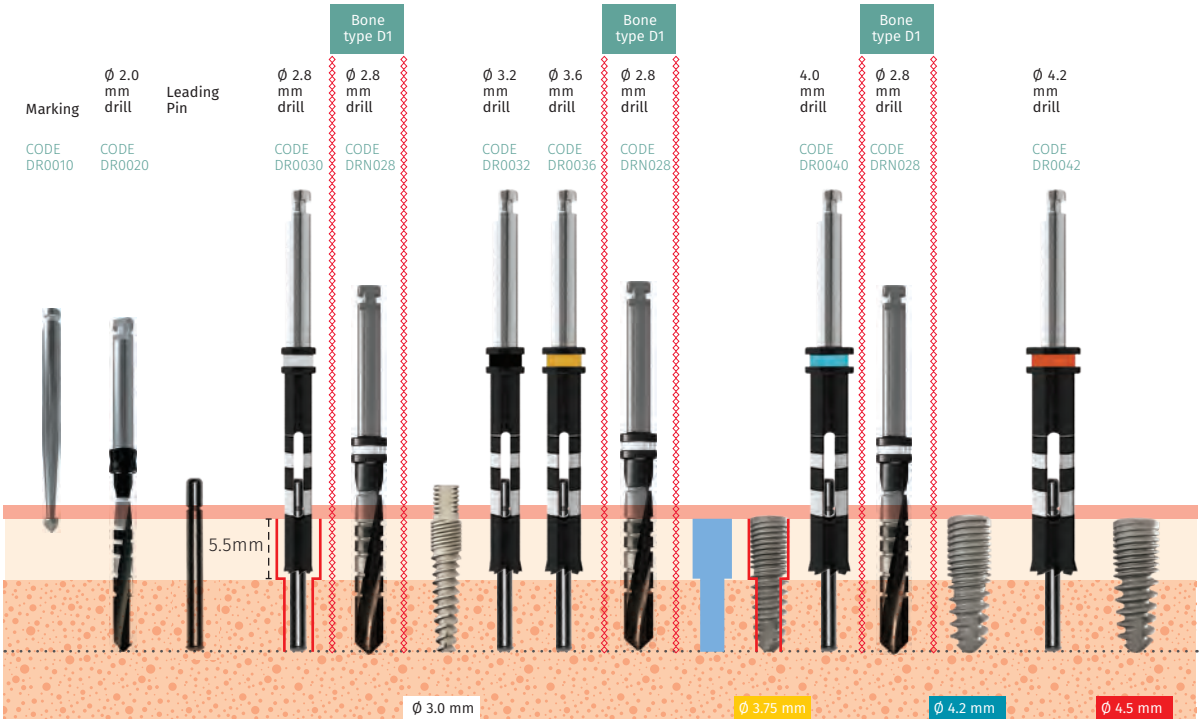
Drills to use with ARDS PGD Technique

	CODE **DR0030**	CODE **DR0032**	CODE **DR0036**	CODE **DR0040**	CODE **DR0042**
Ø	Ø2.8mm	Ø3.2 mm	Ø3.6 mm	Ø4.0 mm	Ø4.2 mm



Implant Ø	Ø3.0mm	Ø3.5mm	Ø3.75mm	Ø4.2mm	Ø4.5mm

Drilling sequence - Creating the T-Shape
Suitable for implant types: Smart / CIT



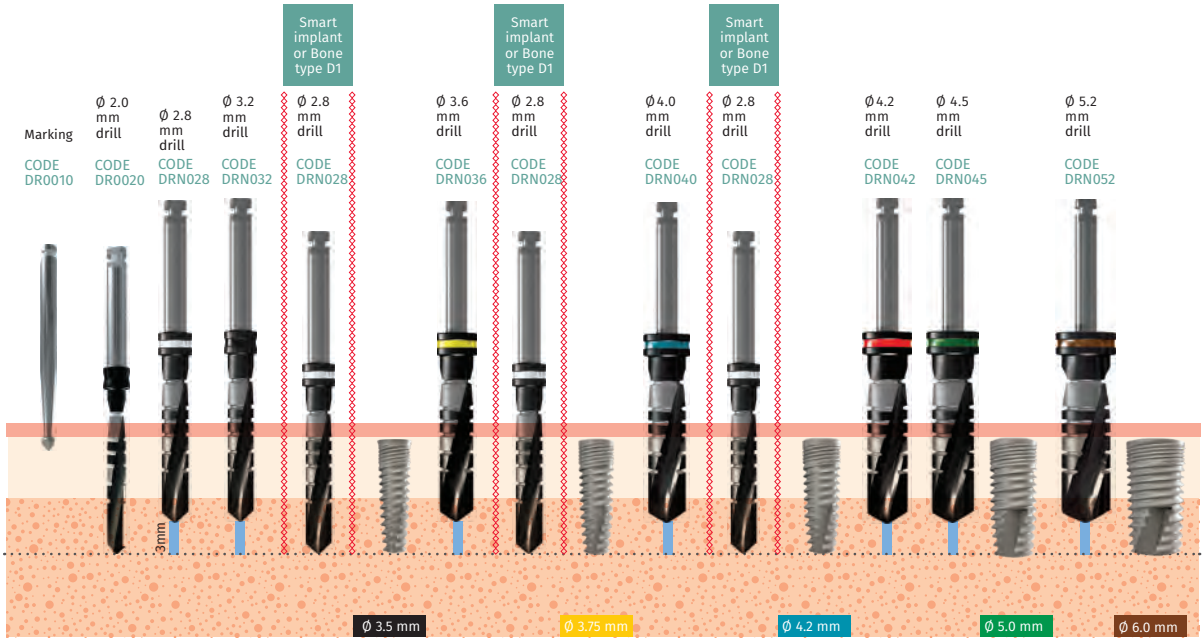
Drill up to 850RPM with all drills

DRILLS / STANDARD DRILLS

	CODE **DR0020**	CODE **DRN028**	CODE **DRN032**	CODE **DRN036**	CODE **DRN040**	CODE **DRN042**	CODE **DRN045**	CODE **DRN052**	CODE **DR0010**
Ø	Ø2.0 mm	Ø2.8 mm	Ø3.2 mm	Ø3.6 mm	Ø4.0 mm	Ø4.2 mm	Ø4.5 mm	Ø5.2 mm	

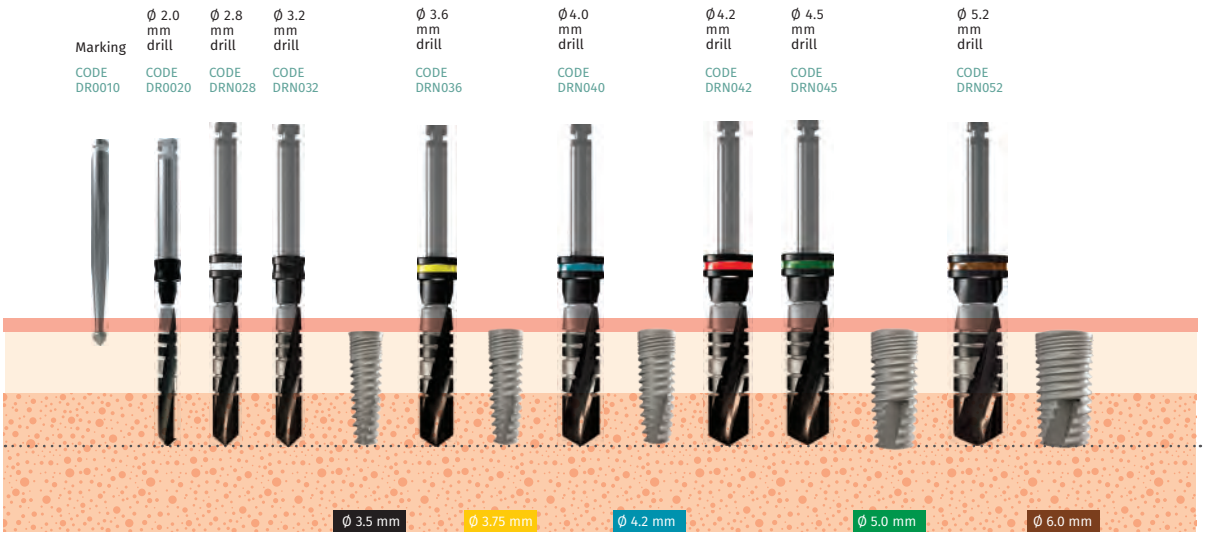
Implant Ø	Pilot drill	Ø3.0mm	Ø3.5mm	Ø3.75mm	Ø4.2mm	Ø4.5mm	Ø5mm	Ø6mm	marking drill

Drilling sequence
Suitable for implant types: Smart / CIT



Drill up to 850RPM with all drills

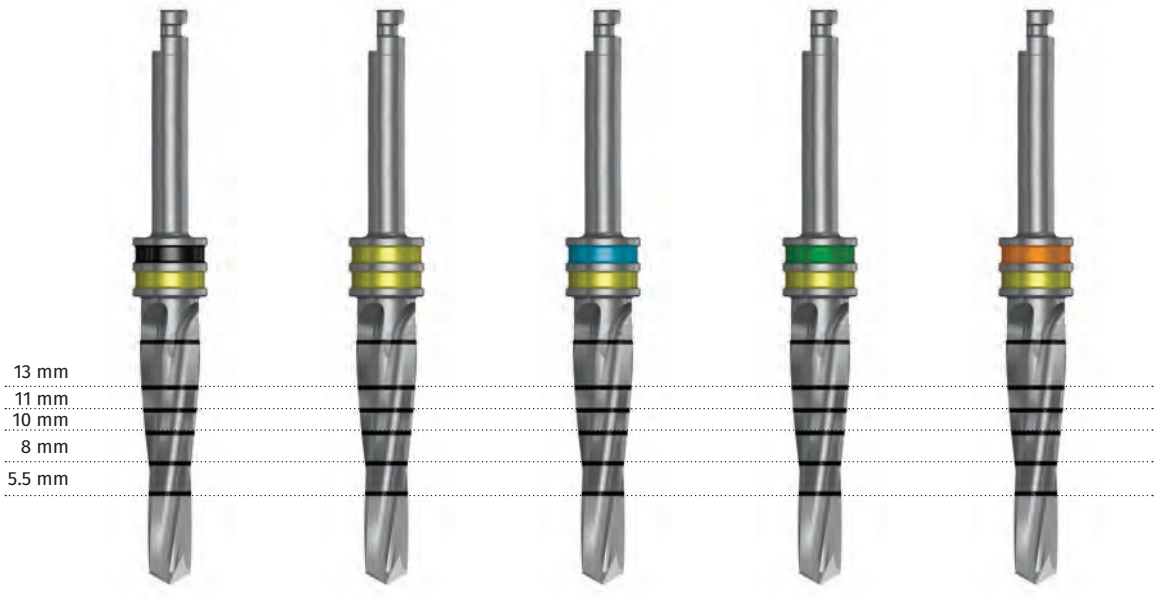
Drilling sequence
Bone Type D1
Suitable for implant types : Smart / CIT



Drill up to 850RPM with all drills

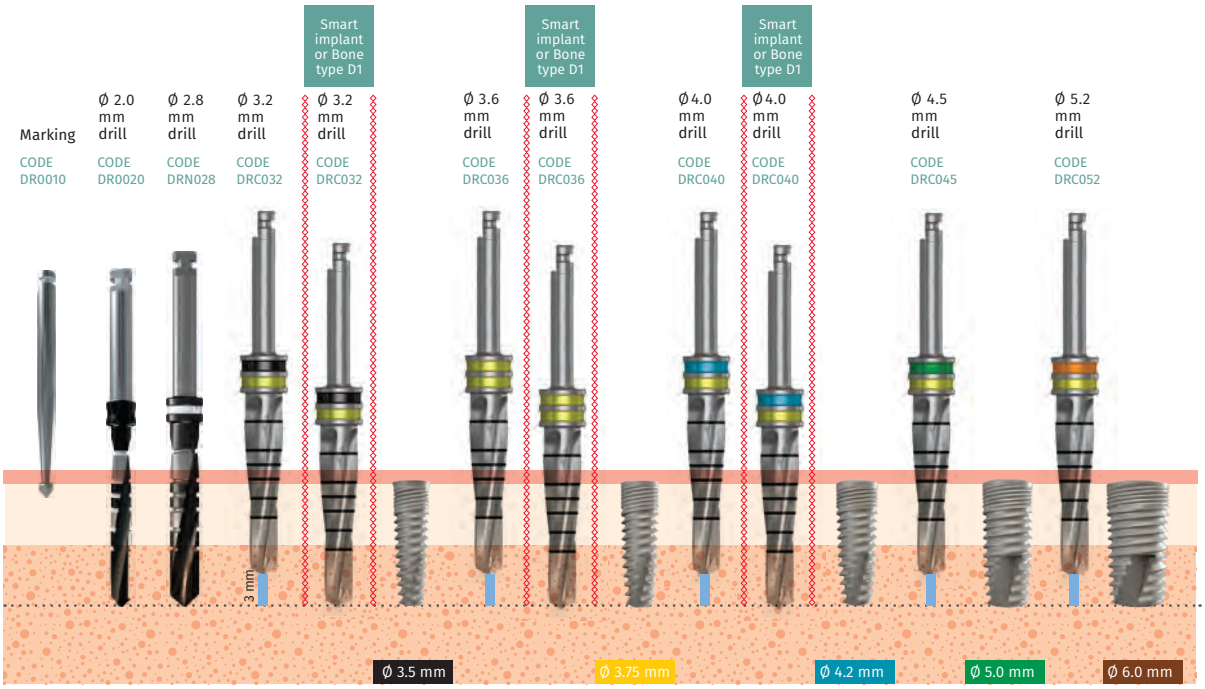
DRILLS / CONICAL DRILLS

	CODE **DRC032**	CODE **DRC036**	CODE **DRC040**	CODE **DRN045**	CODE **DRC052**
Ø	Ø3.2 mm	Ø3.7 mm	Ø4.0 mm	Ø4.5 mm	Ø5.5mm



Implant Ø	Ø3.5mm	Ø3.75mm	Ø4.2mm	Ø5mm	Ø6mm

Drilling sequence
Suitable for implant types: Smart / CIT



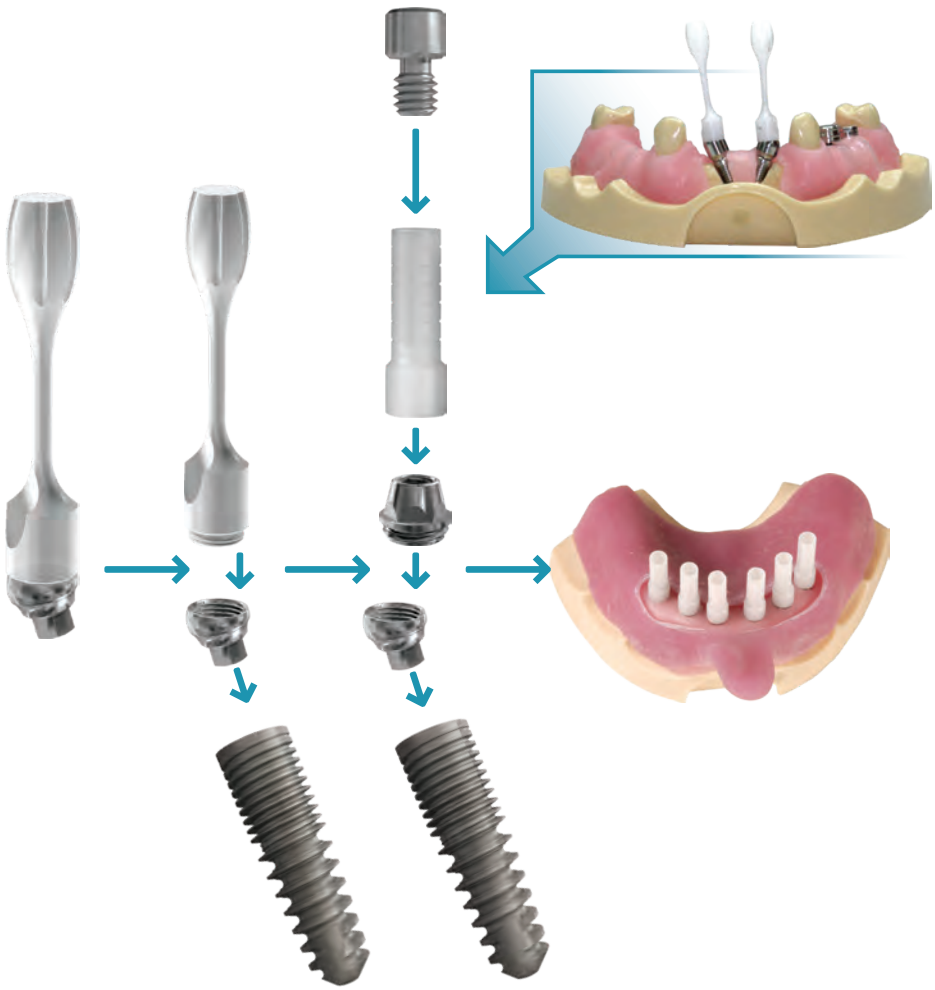
Drill up to 850RPM with all drills

It is recommended to use stoppers when using conical drills

PROSTHETIC COMPONENTS

Smart Overdenture Components

ARDS Implants Smart over denture components (“Smart OD”) were developed to handle angulated cases. Smart OD enable you to achieve ideal results on all levels: anatomically, functionally and esthetically. Our Smart OD components are available at either 17º or 30º and at 1mm, 2mm or 3mm heights ,conical or internal hex connection.



PROSTHETIC COMPONENTS / CONICAL

Healing Caps

HEALING CAP

	H	D2
HOC373	3	3.8
HOC375	5	3.8

FRONT SEGMENT HEALING CAP

	H	D2
HNC370	1.4	3.75
HNC373	3	3.75
HNC375	5	3.75

HEALING CAP WIDE

	H	D2
HWC373	3	4.7
HWC375	5	4.7

Abutments

STRAIGHT ABUTMENT

	H	H2	D	D2
AC3750	9		4.6	3.75
AC3753	10.75	3	4.7	3.2

NARROW STRAIGHT ABUTMENT

	H	D	D2
AC375T	10	3.8	3.8

STRAIGHT ABUTMENT WIDE

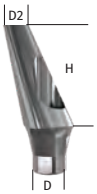
	H	D	D2
AC375W	8.5	6	3.75
AC3753W	11.5	6	3.75

15DEG. ANGULATED ABUTMENT

	H	D	D2
AC3715	9	3.4	1.8
AC3715L	10.6	3.4	1.8

25DEG. ANGULATED ABUTMENT

	H	D	D2
AC3725	9	3.5	2
AC3725L	11	3.5	2



STRAIGHT ANATOMIC ABUTMENT

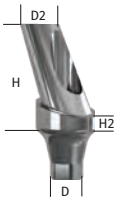
	H	H2	D	D2
ANTC01	8.6	1	4.5	3
ANTC02	9.6	2	4.5	3
ANTC03	10.6	3	4.5	3

15DEG. ANATOMIC ABUTMENT

	H	H2	D	D2
ANTC151	8.6	1	4.5	3
ANTC152	9.6	2	4.5	3
ANTC153	10.6	3	4.5	3

25DEG. ANATOMIC ABUTMENT

	H	H2	D	D2
ANTC251	8.6	1	4.5	3
ANTC252	9.6	1	4.5	3



Ball Attachments

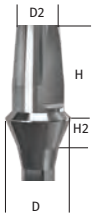
BALL ATTACHMENTS

	H
BAC371	1
BAC372	2
BAC373	3
BAC374	4
BAC375	5

Shoulder Abutments

CLICK SHOULDER ABUTMENT TRANSFER

	H	H2	D	D2
TRASC1	8	1	4.8	2.5
TRASC2	8	2	4.8	2.5
TRASC3	8	3	4.8	2.5
TRASC4	8	4	4.8	2.5



SHOULDER ABUTMENT

	H	H2	D
ASC371	6	1	4.6
ASC372	6	2	4.6
ASC373	6	3	4.6
ASC374	6	4	4.6

PROSTHETIC COMPONENTS / CONICAL

Overdenture Components

STRAIGHT SMART OVERDENTURE COMPONENT

	H	D2
ODC025	2.5	4.4
ODC035	3.5	4.4
ODC045	4.5	4.4

SMART OVERDENTURE COMPONENT 17DEG

	H2
ODC171	1
ODC172	2
ODC173	3

SMART OVERDENTURE COMPONENT 30DEG

	H2
ODC301	1
ODC302	2
ODC303	3

OVERDENTURE PARTS

	H	D2
ODC371	1	4.7
ODC372	2	4.7
ODC373	3	4.7
ODC374	4	4.7
ODC375	5	4.7

PASTIC SLEEVE MULTI

	H	D	D2
PC375M	7.5	3.75	3.2

PASTIC SLEEVE SINGLE

	H	D	D2
PC375S	7.5	3.75	3.2

PASTIC SLEEVE SINGLE - WIDE

	H	D	D2
PC375W	7.5	4.5	3.1

TITANIUM BASE FOR PLASTIC SLEEVE

TBC37S

CLOSED TRAY TRANSFER

	H	D2
TRC375	8.6	4.5

OPEN TRAY TRANSFER

	H	D2
TRC37L	11.6	4.5

Tools

RATCHET DRIVER FOR IMPLANT

	H
MTC001	10
MTC002	15

IMPLANT DRIVER FOR HAND PIECE

MTC009
MTC09S

CAD-CAM Components

LABORATORY ANALOG

ANC375

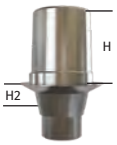
SCAN PIN

SCANPC
SCANPC1

TITANIUM BASE

	H	H2
TBASEC	4	0
TBASEC1	42	1

TITANIUM BASE MULTI



	H	H2
TBASECM	4	0
TBASECM1	4	1

Healing Caps

HEALING CAP

	H	D2
HO3000	4.3	3

HEALING CAP

	H	D2
HO3753	3	3.8
HO3755	5	3.8

HEALING CAP WIDE

	H	D2
HW3753	3	4.7
HW3755	5	4.7

Front Segment Healing Caps

HEALING CAP NARROW

	H	H2	D2
HN3750	2	-	4.5
HN3753	3	1.7	4.5
HN3755	5	2.7	4.5

PROSTHETIC COMPONENTS / INTERNAL HEX

Abutments

ABUTMENT FOR 3MM ARDS IMPLANTS

	H	D2
A30000	9	4.2

STRAIGHT ABUTMENT

	H	D2
A37500	10	4.6
A37530	13	4.6

NARROW ABUTMENT FOR FRONT SEGMENT

	H	D2
A3750T	10	3.8

STRAIGHT ABUTMENT WIDE

	H	D
A3750W	10	6
A3753W	13	6

15DEG. ANGULATED ABUTMENT

	H	D
A37515	10	4.8
A37515L	12	4.8

25DEG. ANGULATED ABUTMENT

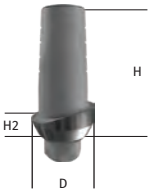
	H	D
A37525	10	4.8
A37525L	12	4.8

PROSTHETIC COMPONENTS / INTERNAL HEX

Anatomic Abutments

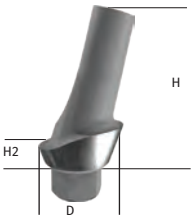
STRAIGHT ANATOMIC ABUTMENT

	H	H2	D
ANT001	8.60	1	4.5
ANT002	9.60	2	4.5
ANT003	10.60	3	4.5



15DEG ANATOMIC ABUTMENT

	H	H2	D
ANT151	8.60	1	4.5
ANT152	9.60	2	4.5
ANT153	10.60	3	4.5

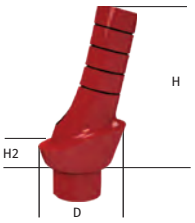


25DEG ANATOMIC ABUTMENT

	H	H2	D
ANT251	8.60	1	4.45
ANT252	9.60	2	4.45

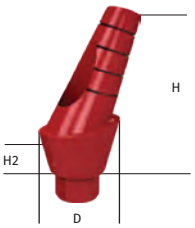
15DEG PLASTIC ANATOMIC ABUTMENT

	H	H2	D
P37515-1	8.60	1	4.5
P37515-2	9.60	2	4.5
P37515-3	10.60	3	4.5



25DEG PLASTIC ANATOMIC ABUTMENT

	H	H2	D
P37525-1	8.60	1	4.45
P37525-2	9.60	2	4.45
P37525-3	10.60	3	4.45



Shoulder Abutments

SHOULDER ABUTMENT

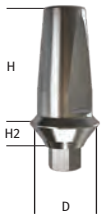
	H	H2	D
AS3751	6	1	4.6
AS3752	6	2	4.6
AS3753	6	3	4.6
AS3754	6	4	4.6

UNIVERSAL PLASTIC SLEEVE

AS375S

CLICK SHOULDER ABUTMENT TRANSFER

	H	H2	D
TRAS01	8	1	4.78
TRAS02	8	2	4.78
TRAS03	8	3	4.78
TRAS04	8	4	4.78



PLASTIC SLEEVE FOR CLICK SHOULDER ABUTMENT TRANSFE

TRASP0

PROSTHETIC COMPONENTS / INTERNAL HEX

Overdenture Components

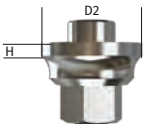
OVERDENTURE PARTS - 1-5 MM NECK

	H
OD3751	1
OD3752	2
OD3753	3
OD3754	4
OD3755	5

OVERDENTURE PROTECTIVE CAP

	H	D2
ODCAP1	4.2	4.7

STRAIGHT SMART OVERDENTURE PARTS



	H	D2
OD0025	2.5	4.4
OD0035	3.5	4.4
OD0045	4.5	4.4

SCREW FOR OVERDENTURE INTERMEDIATE PART

ODS002

remplacer par ODS001

PLASTIC CASTING SLEEVE WITHOUT INTERNAL HEX FOR OVERDENTURE INTERMEDIATE COMPONENTS

ODS001

remplacer par ODS002

Overdenture Components

METAL SLEEVE FOR OVERDENTURE

ODM001

SMART OVERDENTURE COMPONENT 17DEG

	H
OD1701	1
OD1702	2
OD1703	3

SMART OVERDENTURE COMPONENT 30DEG

	H
OD3001	1
OD3002	2
OD3003	3

SMART OVERDENTURE BALL ATTACHMENT

	H
BAOD01	1
BAOD02	2

SMART OVERDENTURE LEADING COVER

ODCOV1

ABUTMENT FOR SMART OVERDENTURE

ODA001

Ball Attachment Components

BALL ATTACHMENT

	H
BA3751	1
BA3752	2
BA3753	3
BA3754	4
BA3755	5

BALL ATTACHMENT

BA3000

METAL CAP

TITHOL

REGULAR SILICON CAP

SILATC

SOFT SILICON CAP

SILATC-S

Ball Attachment Components

RIGID SILICON CAP

SILATC-R

PLASTIC BALL ATTACHMENT

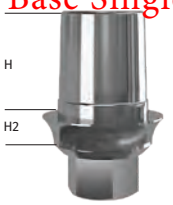
PLASAT

CAD-CAM Components

Remplacer par : Titanium Base Single

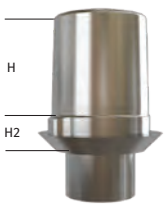
TITANIUM BASE MULTI

	H	H2
TBASEH	4	-
TBASEH1	4	1



TITANIUM BASE MULTI

	H	H2
TBASEHM	4	-
TBASEHM1	4	1



Remplacer par : Scan Pin Single

TITANIUM BASE MULTI

SCANPH
SCANPH1

PROSTHETIC COMPONENTS / INTERNAL HEX

Accessories

CLOSED TRAY TRANSFER

	H	D2
TR3750	9.8	4.5

OPEN TRAY TRANSFER

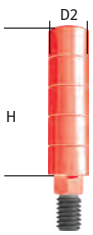
	H	D2
TR375L	12.4	4.5

PLASTIC SLEEVE MULTI

	H	D2
P3750M	10.45	3.2

PLASTIC SLEEVE SINGLE

	H	D2
P3750S	10.45	3.2



PLASTIC SLEEVE SINGLE WIDE

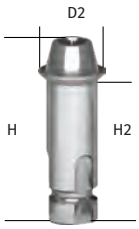
	H	D
P3750W	10.65	3.2

LABORATORY ANALOG

	H	D2
ANS375	12.30	3.75

LABORATORY ANALOG FOR OVERDENTURE

	H	H2	D2
AOD375	12.75	10	3.75



LABORATORY ANALOG FOR 3MM ARDS IMPLANT

	H	H2	D2
AN3000	13.5	10	3

PLASTIC SLEEVE FOR 3MM ARDS IMPLANT

	H	D	D2
ODS300	12	3	4.5

PLASTIC SLEEVE WITH TITANIUM BASE

	H	H2	D2
TB375S	10.2	2.2	4.55

TOOLS

SMART SURGICAL KIT PLUS

BOX004

SURGICAL KIT

BOX002

DRILL STOPPER KIT

BOX003

TOOLS

RATCHET WRENCH

MT0008

TORQUE RATCHET

MT0013

GUMS HEIGHT INDICATOR

MT0010

SCREW DRIVER

MT0011

IMPLANT DRIVER FOR HAND PIECE

	H
MT0009	25.50
MT009S	20.50

DRILL EXTENSION FOR HAND PIECE

MT0012

SHORT RATCHET DRIVER FOR OVERDENTURES

MT0007

TOOLS

RATCHET DRIVER FOR IMPLANT

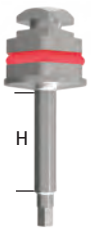
	H
MT0001	11.50
MT0002	16.50

HAND DRIVER FOR ABUTMENTS & SCREWS

	H
MT0003	10.00
MT0004	15.00

RATCHET DRIVER FOR ABUTMENTS & SCREWS

	H
MT0005	11.50
MT0006	16.50



PARALLEL PIN

	H
PINP10	10.00
PINP16	16.00

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