



**DENTALIUM
IMPLANTS**
 **Always true quality**

► Novitex® Dual Surface Treatment

catalog
• 2020



is at the heart of

► **science, mechanical design
and craftsmanship**

XII



The well respected and acknowledged world authority...

Switzerland

has been one of the most important centers for craftsmanship that requires

**high precision
and expertise**

throughout history.

The products with impeccable mechanical designs, can be used for a lifetime and add value to your life.

► **DENTALIUM** are tapered internal hex implants, designed to enable easy insertion while supporting excellent initial stability. The variable thread design enables safe tapping, thus providing superb solutions for a variety of bone conditions.

All of our implants are made of the titanium alloy Ti - 6Al - 4V ELI, in accordance with ASTM-F136-02. Titanium has the outstanding capability to integrate almost completely with the bone. This unique characteristic coupled with its metallurgical advantages of strength and endurance makes titanium the ideal implant material.

In addition it can be precisely machined to ensure a range of implants are coated with RBM treatment riched with Calcium phosphate.

► **PSI DENTALIUM IMPLANTS ® SYSTEM** offers an excellent solution for immediate placement and immediate loading. One platform fits all implant diameters.

► **PSI DENTALIUM IMPLANTS ® SYSTEM** adhere to the highest international standards of manufacturing and have the ISO standards institute and CE, FDA approval.

► CLINICAL BENEFITS:

- ▼ better control during placement.
- ▼ Greater initial placement stability
- ▼ Self drilling, super self - tapping feature.
- ▼ Self - condensing.
- ▼ Self - directing in line of insertion.

- Material : Ti-6Al-4V ELI
- Hexagonal implant diameter 2,50 mm
- NOVITEX® Dual Surface Treatment



Drill Sequence



DENTALIUM
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PSI IMPLANT SYSTEM

\varnothing D (mm)	\varnothing DI (mm)	L (mm)	Cat. no.
3.3	2.6	8	PSI-3.3-L8
		10	PSI-3.3-L10
		11.5	PSI-3.3-L11.5
		13	PSI-3.3-L13
		16	PSI-3.3-L16
3.75	3.1	8	PSI-3.75-L8
		10	PSI-3.75-L10
		11.5	PSI-3.75-L11.5
		13	PSI-3.75-L13
		16	PSI-3.75-L16
4.2	3.5	8	PSI-4.2-L8
		10	PSI-4.2-L10
		11.5	PSI-4.2-L11.5
		13	PSI-4.2-L13
		16	PSI-4.2-L16
5.0	4.5	6	PSI-5-L6
		8	PSI-5-L8
		10	PSI-5-L10
		11.5	PSI-5-L11.5
		13	PSI-5-L13
6.0	5.5	16	PSI-5-L16
		6	PSI-6-L6
		8	PSI-6-L8
		10	PSI-6-L10
		11.5	PSI-6-L11.6
		13	PSI-6-L13
		16	PSI-6-L16



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PCI IMPLANT SYSTEM®

- PCI DENTALIUM IMPLANTS is a straight wall 2.5 mm internal hex implant (standard) for both two - stage and single stage procedures. This design has a larger surface area that increases the bone to implant contact, resulting in more surface area for bone - cell attachment and interaction with the osteoblast.
- PCI DENTALIUM IMPLANTS is self drilling, with a unique wide threads design, with tapered threads on the apical part for self tapping. It can be used with all bone types, but is specially recommended for bone type 1.
- PCI DENTALIUM IMPLANTS multi design features offers an excellent solution for immediate loading. One platform fits all implants diameters.
- PCI DENTALIUM IMPLANTS® adhere to the highest international standards of manufacturing and have the ISO standards institute and CE, FDA approval.

► CLINICAL BENEFITS:

- ▼ better control during placement.
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- ▼ Self drilling, super self - tapping feature.
- ▼ Self - condensing.
- ▼ Self - directing in line of insertion.

- Material : Ti-6Al-4V ELI
- Hexagonal implant diameter 2,50 mm
- NOVITEX® Dual Surface Treatment



Drill Sequence



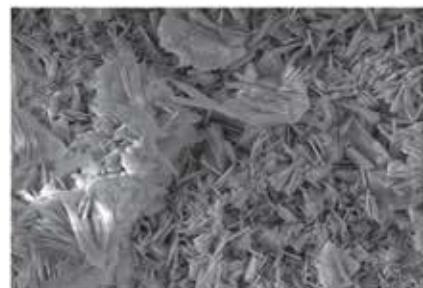
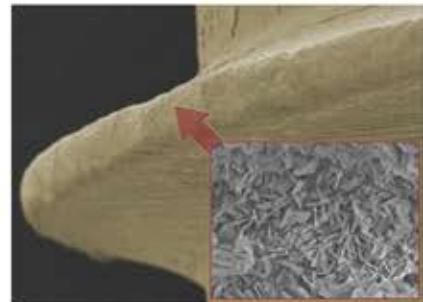
DENTALIUM
IMPLANT
Always true quality

PCI IMPLANT SYSTEM

\varnothing D (mm)	\varnothing D1 (mm)	L (mm)	Cat. no.
3.3	2.6	8	PCI-3.3-L8
		10	PCI-3.3-L10
		11.5	PCI-3.3-L11.5
		13	PCI-3.3-L13
		16	PCI-3.3-L16
3.75	3.1	8	PCI-3.75-L8
		10	PCI-3.75-L10
		11.5	PCI-3.75-L11.5
		13	PCI-3.75-L13
		16	PCI-3.75-L16
4.2	3.5	8	PCI-4.2-L8
		10	PCI-4.2-L10
		11.5	PCI-4.2-L11.5
		13	PCI-4.2-L13
		16	PCI-4.2-L16
5.0	4.5	6	PCI-5-L6
		8	PCI-5-L8
		10	PCI-5-L10
		11.5	PCI-5-L11.5
		13	PCI-5-L13
6.0	5.5	16	PCI-5-L16
		6	PCI-6-L6
		8	PCI-6-L8
		10	PCI-6-L10
		11.5	PCI-6-L11.6
		13	PCI-6-L13
		16	PCI-6-L16

Novitex® Dual Surface Treatment

DENTALIUM IMPLANTS ® SYSTEM focused its research on the factor of surface roughness and we used various techniques in order to compare our results with the best, universally recognized implant manufacturers. The following results were obtained through metallographic implant surface cross-section analysis in two locations: the base and at the end of the implant. The analysis accurately determined the depth and width of the dimples, as well as their geometry which is clearly visible on the image bellow. The surface is well - developed with large and small dimples which enhance osseointegration.



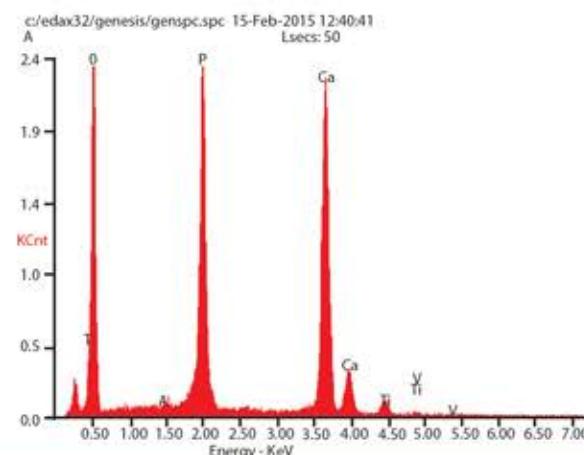
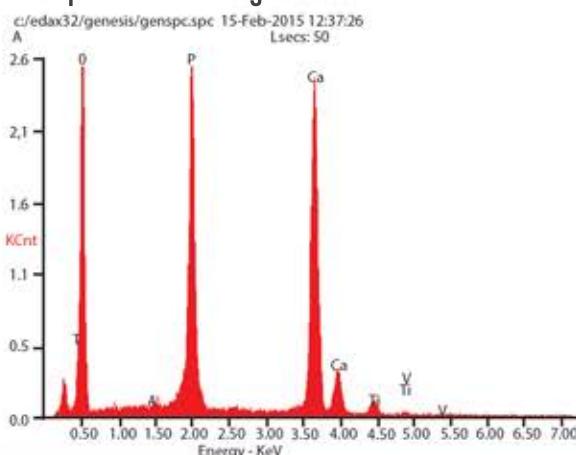
Novitex® Dual Surface Treatment combines RBM® and CaP and introduces much improved osseointegration by penetrating all of the pores and providing a strong bone anchoring to the surface (high BIC).

Advantage

- ▼ Complex surface design with significant surface enlargement
- ▼ Higher wettability with blood/high affinity for blood
- ▼ Increased primary stability with reduced healing time
- ▼ Active support of bone attachment
- ▼ Possible diversification of indications (early loading/immediately loading)
- ▼ Optimal roughness characteristics
- ▼ Very thin, quickly resorbable CaP layer
- ▼ Rapid bone ongrowth

Quality and Performance Tests

Novitex® is easily soluble, providing highly concentrated calcium ions and Phosphate ions resulting in rapid bone growth and high mineralization, acting as an anchor during the mineralization process. Dentalium Implants periodically performs various quality assurance tests, including Cytotoxicity Test and Sterilization Test to make sure **Novitex®** performs as expected from premium coating treatment in the dental implants area.

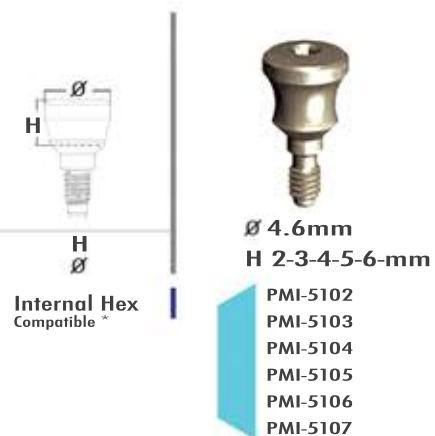


Titanium Healing Abutments

 **Titanium Healing Abutment**
Regular Platform



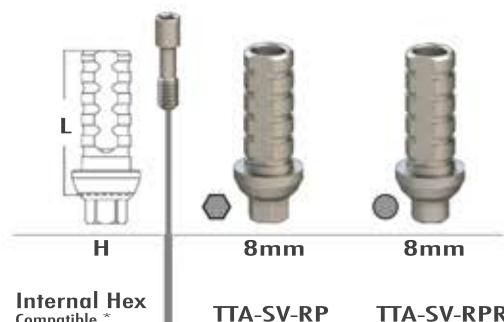
 **Esthetic Titanium Healing Abutment**
Regular Platform



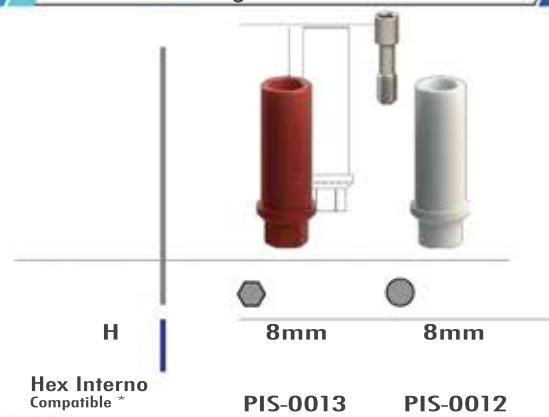
Straight Abutments



Temporary Titanium Abutment
Regular Platform



Plastic Abutment for Casting
Regular Platform



PEEK - Straight Abutment
Regular Platform



Medical Peek - Classix

Hex Interno Compatible *

Straight Abutment - Ø 4.5mm
Regular Platform



Straight Abutment - Wide Ø 5.5mm
Regular Platform



Straight Slim Abutment
Regular Platform



Straight Abutments



**Straight Abutment W/Shoulder
Regular Platform**

Internal Hex Compatible *	1mm 9.4mm STA-4710	2 mm 10.4mm STA-4712	3 mm 11.4mm STA-4713	4 mm 12.4mm STA-4714

**Anatomic Straight Abutment
Regular Platform**

Internal Hex Compatible *	1mm 9.4mm SLM-3810	2 mm 10.4mm SLM-3820	3 mm 11.4mm SLM-3830	4 mm 12.4mm SLM-3840

**Anatomic Straight Abutment
Regular Platform**

Internal Hex Compatible *	1mm 9.4mm SCM-3810	2 mm 10.4mm SCM-3820	3 mm 11.4mm SCM-3830

Angled Abutments



**Angled Abutment 15°
Regular Platform**



**Concave Anatomic Angled Abutment 15°
Regular Platform**



**Anatomic Angled Abutment -15°
Regular Platform**



**Anatomic Angled Abutment - 25°
Regular Platform**



**PEEK- Anatomic Angled Abutment 15°
Regular Platform**



**PEEK- Anatomic Angled Abutment 25°
Regular Platform**



Impression Coping



Closed Tray Impression Coping - Narrow - Ø 4mm
Regular Platform

Straight Transfer Abutment
Regular Platform

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Angled Transfer Abutment - 15°
Regular Platform

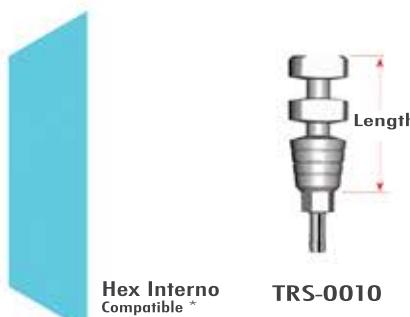
Angled Transfer Abutment - 25°
Regular Platform



for all Overdenture lines

Open Tray Impression Coping
Regular Platform

Pick Up Closed Tray Impression Coping
Regular Platform



Pop Clicq™



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Straight Titanium Pop-Clicq™ - Mini Kit
Regular Platform



Internal Hex Compatible *		LOCW-SV-RP05K	LOCW-SV-RP10K	LOCW-SV-RP20K	LOCW-SV-RP30K
Internal Hex Compatible *		LOCW-SV-RP40K	LOCW-SV-RP50K	LOCW-SV-RP60K	

Angled Titanium Pop-Clicq™ - 18°
Regular Platform



Internal Hex Compatible *			LOCW-SV-RP1805K	LOCW-SV-RP1810K	LOCW-SV-RP1820K	LOCW-SV-RP1830K

Angled Titanium Pop-Clicq™ - 30°
Regular Platform



Internal Hex Compatible *			LOCW-SV-RP3005K	LOCW-SV-RP3010K	LOCW-SV-RP3020K	LOCW-SV-RP3030K

Multi Clicq™



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Internal Hex

Multi Clicq™ - Angled
Mini & Standard Kit

Patent Pending No. Us 62/679,389



Multi Clicq™ - Bar On4 Kit
Regular Platform

Multi Clicq™ - Bar On6 Kit
Regular Platform



Internal Hex
Compatible *

MUL-SV-BK4

(Screw Driver Included)

MUL-SV-BK4D

Internal Hex
Compatible *

MUL-SV-BK6

(Screw Driver Included)

MUL-SV-BK6D

Get a permanent bar for your patient
Within 1-2 minutes



Multi Clicq™ - Bar
Components



Pre-Fabricated Permanent
Titanium Adjustable Sleeve *4/6
With Adjusting Micro Screw *8/12

Adjusting Micro Screw 2*
(spares)



Hand Screw Driver

Prosthetic KS Ti-Screw
On 4 - SV Hex 1.29mm *4
On 4 - SV Hex 1.29mm *6
(2 spares)

Multi Clicq™



Straight Abutment
Regular Platform

	H	1mm	2mm	3mm	4mm	5mm
Internal Hex Compatible *		SU-0031	SU-0032	SU-0033	SU-0034	SU-0035

One Piece Angled 17°
Abutment Mini Kit
Regular Platform

	G H	2mm	3mm	4mm
Internal Hex Compatible *		MS-1702	MS-1703	MS-1704

One Piece Angled 30°
Abutment Mini Kit
Regular Platform

	G H	3mm	4mm	5mm
Internal Hex Compatible *		MS-3003	MS-3004	MS-3005

Multi Clicq™ - Components

Prosthetic Titanium Screw



Abutment Analog
NM-9000



Open Tray Plastic Transfer

MS-5006
(MUL-KS-SOT-included)



Healing cap

MUL-KS-HA
(MUL-KS-TSSV-included)



Temporary Titanium Sleeve

MS-4009
(MUL-KS-TSSV-included)



Castable Plastic Sleeve

MS-5001
(MUL-KS-TSSV-included)

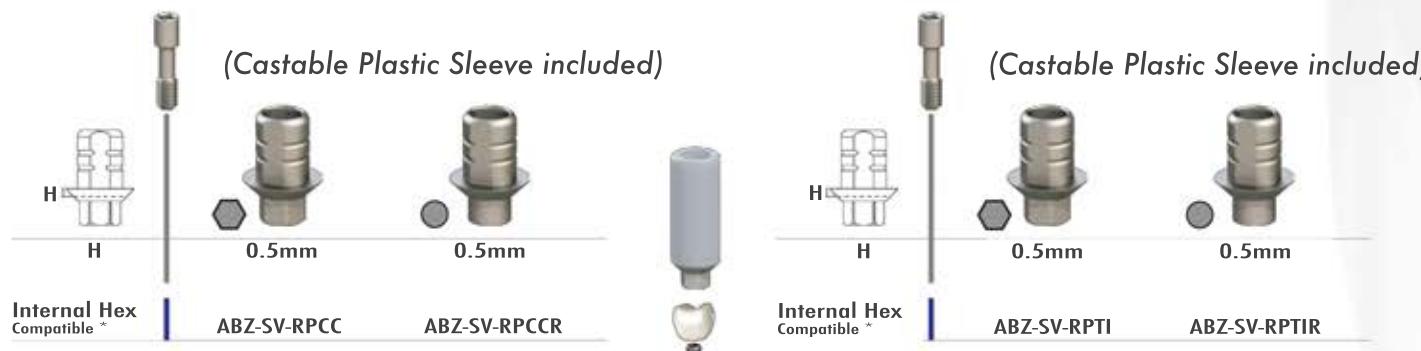


Digital Solutions



Chrome Cobalt Abutment
Regular Platform

Titanium Base
Regular Platform



Titanium Base
Regular Platform

PEEK Scan Body
Regular Platform



Pre-Milled Titanium Blank
Regular Platform



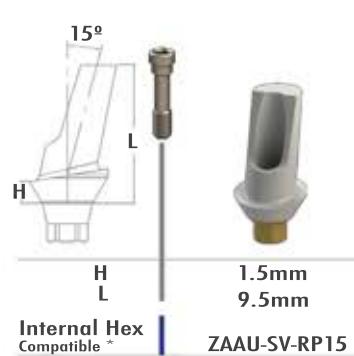
Zircocam



Zircocam™- Straight Anatomic Abutment
Regular Platform



Zircocam™- Angled Anatomic Abutment 15°
Regular Platform



Zircocam™- Angled Anatomic Abutment 15°
Regular Platform



Zircocam™- Angled Anatomic Abutment 25°
Regular Platform



Ball Attachment



Ball Attachment Regular Platform

Internal Hex Compatible *	H	1mm	2mm	3mm	4mm	5mm	6mm
		BAT-0010	BAT-0020	BAT-0030	BAT-0040	BAT-0050	BAT-0060

Ball Attachment - Components

Metal Housing



KIT

CAT No. PRODUCT

- DR-5019 Round Bur Ø 1.9 without irrigation
- DR-5020 Pilot Drill Ø =2.0mm
- DR-5028 Drill Ø =2.8mm
- DR-5032 Drill Ø =3.2mm
- DR-5038 Drill Ø =3.8mm
- DR-5042 Drill Ø =4.2mm
- DR-5048 Drill Ø =4.8mm

- GP-1020 Guide Pin 10mm x 2
- GP-1320 Guide Pin 13mm x 2
- HD-2507 Hex Driver 1.25 L 7mm
- HD-2510 Hex Driver 1.25 L10mm
- HD-4207 Hex Driver 2.42 L 7mm
- HD-4215 Hex Driver 2.42 L15mm
- MG-4228 Motor Mount 2.42 Hex L28mm
- MG-2522 Motor Mount 1.25 Hex L22mm
- MG-2528 Motor Mount 2.42 Hex L20mm
- RC-2030 Ratchet
- RC-2050 Torque Ratchet
- Drill Extension
- MC-0001 Metal Container



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SURGICAL TOOLS

AR 2040

Surgical Screw Driver Hex 6.35 mm



LABK 1010

Laboratory Screw Driver Hex 1.25 mm



RC 2030

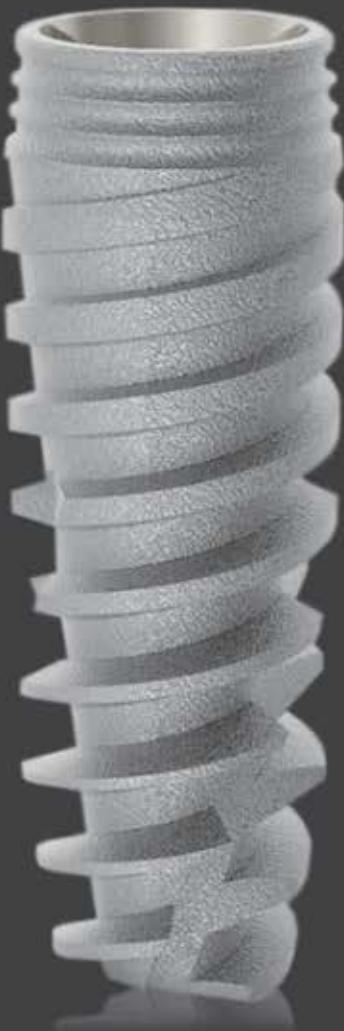
Ratchet





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