

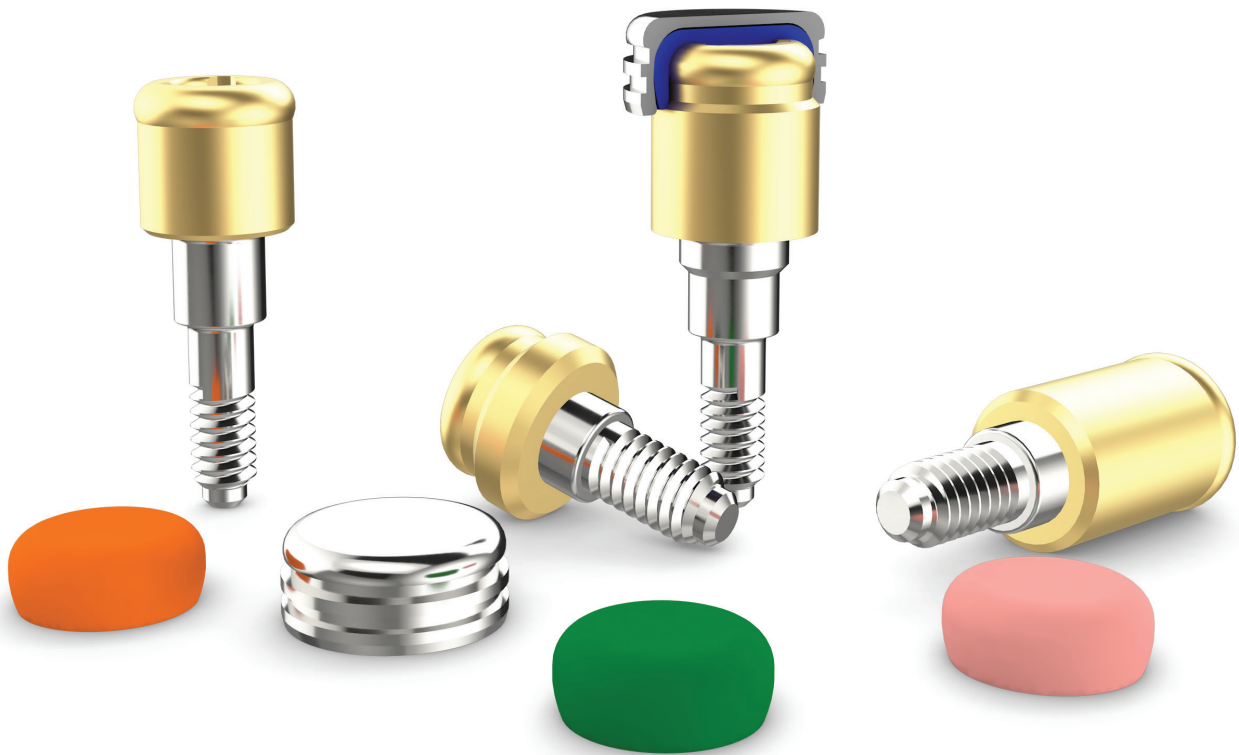


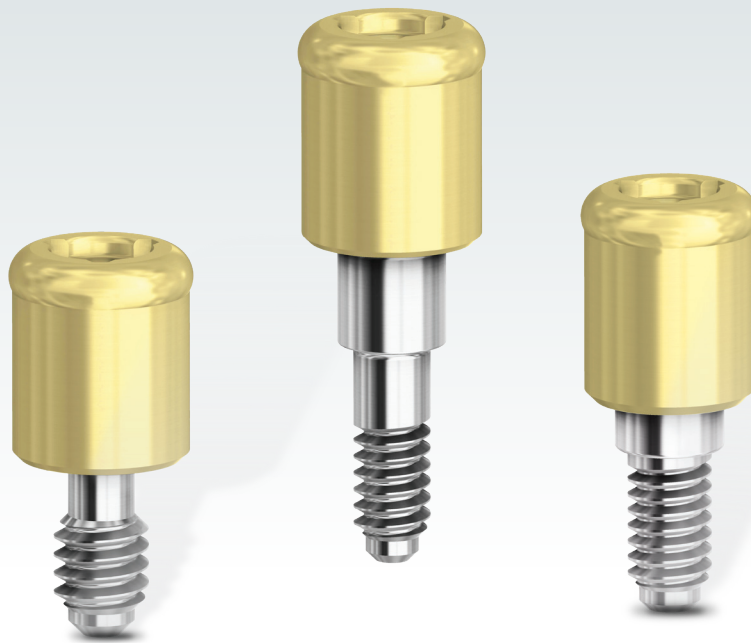
Good just got
better



OverdenSURE®

Removable Attachment
on Multi-Platform Systems





Good just got better with ZimVie's new removable attachment system, OverdenSURE!

Edentulism and failing dentition continue to be major health challenges affecting millions of people worldwide.

Our OverdenSURE product line features a Zirconium Nitride abutment coating for excellent aesthetics and function, and a wider range of abutment sizes for increased restorative flexibility, all wrapped in a classic system design that is intuitive to the user.

Zirconium Nitride is a fully bio-compatible material that exhibits increased hardness and wear resistance^{1,2}, reduced bacterial adhesion^{3,4,5,6,7}, and enhanced lubricity compared to the traditionally used Titanium Nitride.¹

**OverdenSURE Attachments are now available and
compatible with the market's leading implant systems!**

It is estimated that 10% of the world's population is partially edentulous or edentulous⁸. In spite of advances in denture prosthodontics, soft-tissue supported dentures continue to be a source of:

- Chronic residual ridge resorption
- Decreased masticatory function
- Phonetic challenges
- Facial collapse
- A loose or poor fit

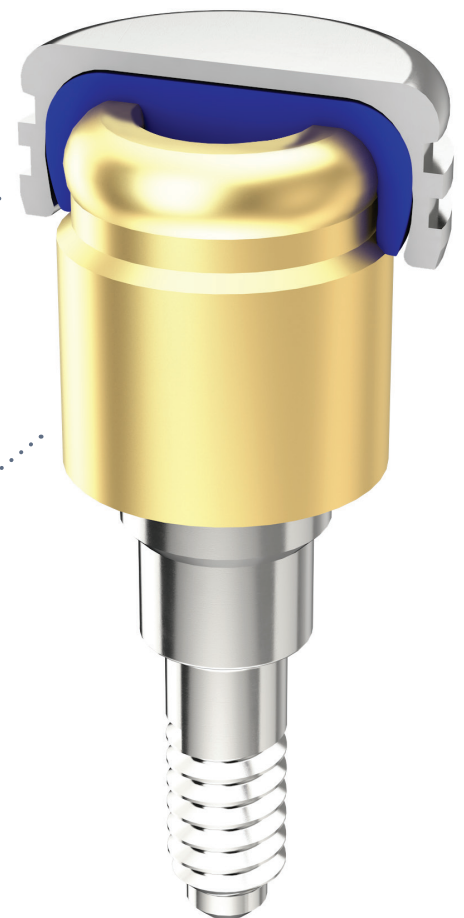
Together with our dental implant solutions, OverdenSURE Abutments are an ideal option for overdenture restorations, providing increased prosthetic stability and retention for patients wearing conventional dentures.

OVERDENSURE RETENTION SYSTEM ○

- Classic Housing Cap and Retention Insert design.
- Addresses problems such as limited interocclusal space through the OverdenSURE Abutment's low restorative height.
- Total vertical height of 3.17 mm (abutment crown, Retention Insert, and Housing Cap).

ZIRCONIUM NITRIDE ABUTMENT COATING ○

- Fully bio-compatible material.
- Exhibits increased hardness and wear resistance^{1,2}.
- Reduced bacterial adhesion^{3,4,5,6,7}.
- Enhanced lubricity compared to the traditionally used Titanium Nitride¹.
- Softer, more aesthetic gold color.

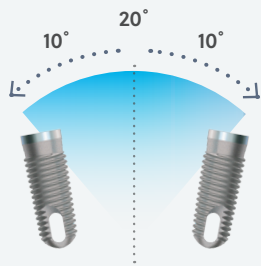







OverdenSURE Retention and Pivoting Technology

The OverdenSURE Retention Inserts have been designed to swivel inside the fixed Housing Cap enabling the easy seating of the removable prosthesis even when:

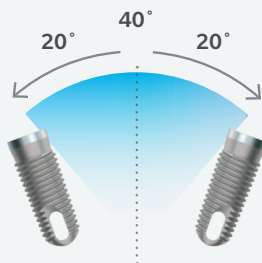
- Implants are placed off axis.
- The denture is not fully aligned with the abutments.






-  Extra Light (1.5lbs / 680g)
-  Light (3.0lbs / 1360g)
-  Medium (5.0lbs / 2270g)

OverdenSURE Standard Retention Inserts

The Standard Retention Inserts provide angle correction for implants with up to 10° of implant divergence off axis, and a total of 20° of divergence between two implants.



-  Extra Light (1.0lbs / 450g)
-  Light (2.0lbs / 910g)
-  Medium (4.0 lbs / 1810g)

OverdenSURE Extended Retention Inserts

The Extended Retention Inserts accommodate for up to 20° of implant divergence off axis, and a total of 40° of divergence between two implants.

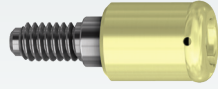
All OverdenSURE Abutments come pre-mounted with a placement tool for ease of use!



Ordering Info

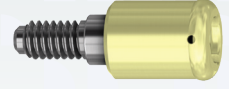
OverdenSURE Attachments for ZimVie Implant Systems

TSX™ and Eztetic® Implant Systems



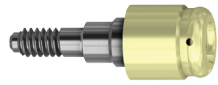
Collar Height	Implant Platform		
	NP (2.9 mmD)	3.5 mmD	4.5 mmD
1.0 mm	ODS-NP201	ODS-TSV301	ODS-TSV401
2.0 mm	ODS-NP202	ODS-TSV302	ODS-TSV402
3.0 mm	ODS-NP203	ODS-TSV303	ODS-TSV403
4.0 mm	ODS-NP204	ODS-TSV304	ODS-TSV404
5.0 mm	ODS-NP205	ODS-TSV305	ODS-TSV405
6.0 mm	ODS-NP206	ODS-TSV306	ODS-TSV406

TSV® Implant System



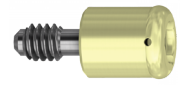
Collar Height	Implant Platform		
	3.5 mmD	4.5 mmD	5.7 mmD
1.0 mm	ODS-TSV301	ODS-TSV401	ODS-TSV501
2.0 mm	ODS-TSV302	ODS-TSV402	ODS-TSV502
3.0 mm	ODS-TSV303	ODS-TSV403	ODS-TSV503
4.0 mm	ODS-TSV304	ODS-TSV404	ODS-TSV504
5.0 mm	ODS-TSV305	ODS-TSV405	ODS-TSV505
6.0 mm	ODS-TSV306	ODS-TSV406	ODS-TSV506

Certain® Implant System



Collar Height	Implant Platform		
	3.4 mmD	4.1 mmD	5.0 mmD
1.0 mm	ODS-CERT301	ODS-CERT401	ODS-CERT501
2.0 mm	ODS-CERT302	ODS-CERT402	ODS-CERT502
3.0 mm	ODS-CERT303	ODS-CERT403	ODS-CERT503
4.0 mm	ODS-CERT304	ODS-CERT404	ODS-CERT504
5.0 mm	ODS-CERT305	ODS-CERT405	ODS-CERT505
6.0 mm	ODS-CERT306	ODS-CERT406	ODS-CERT506

External Hex® Implant System



Collar Height	Implant Platform		
	3.4 mmD	4.1 mmD	5.0 mmD
1.0 mm	ODS-EXHEX301	ODS-EXHEX401	ODS-EXHEX501
2.0 mm	ODS-EXHEX302	ODS-EXHEX402	ODS-EXHEX502
3.0 mm	ODS-EXHEX303	ODS-EXHEX403	ODS-EXHEX503
4.0 mm	ODS-EXHEX304	ODS-EXHEX404	ODS-EXHEX504
5.0 mm	ODS-EXHEX305	ODS-EXHEX405	ODS-EXHEX505
6.0 mm	ODS-EXHEX306	ODS-EXHEX406	ODS-EXHEX506

Tapered SwissPlus® Implant System

Collar Height	Seating Surface	
	3.8 mm	4.8 mm
1.0 mm	ODS-SWP301	ODS-SWP401
2.0 mm	ODS-SWP302	ODS-SWP402
3.0 mm	ODS-SWP303	ODS-SWP403
4.0 mm	ODS-SWP304	ODS-SWP404
5.0 mm	ODS-SWP305	ODS-SWP405
6.0 mm	ODS-SWP306	ODS-SWP406

OverdenSURE Attachments for Multi-Platform Implant Systems

DAEV-Conical compatible with Astra Tech Implant System™ EV			
Collar Height	Seating Surface		
	3.6 mm	4.2 mm	4.8 mm
1.0 mm	ODS-DAEV361	ODS-DAEV421	ODS-DAEV481
2.0 mm	ODS-DAEV362	ODS-DAEV422	ODS-DAEV482
3.0 mm	ODS-DAEV363	ODS-DAEV423	ODS-DAEV483
4.0 mm	ODS-DAEV364	ODS-DAEV424	ODS-DAEV484



DX-Internal compatible with XIVE®		
Collar Height	Seating Surface	
	3.4 mm	3.8 mm
1.0 mm	ODS-DX341	ODS-DX381
2.0 mm	ODS-DX342	ODS-DX382
3.0 mm	ODS-DX343	ODS-DX383
4.0 mm	ODS-DX344	ODS-DX384



DATX-Internal compatible with Astra Tech Osseospeed™		
Collar Height	Seating Surface	
	3.5/4.0 mm	4.5/5.0 mm
1.0 mm	ODS-DATX351	ODS-DATX451
2.0 mm	ODS-DATX352	ODS-DATX452
3.0 mm	ODS-DATX353	ODS-DATX453
4.0 mm	ODS-DATX354	ODS-DATX454



CCA-Internal compatible with Camlog®		
Collar Height	Seating Surface	
	3.8 mm	4.3 mm
1.0 mm	ODS-CCA381	ODS-CCA431
2.0 mm	ODS-CCA382	ODS-CCA432
3.0 mm	ODS-CCA383	ODS-CCA433
4.0 mm	ODS-CCA384	ODS-CCA434



BHI-Internal compatible with BioHorizons® Internal		
Collar Height	Seating Surface	
	3.5 mm	4.5 mm
1.0 mm	ODS-BHI351	ODS-BHI451
2.5 mm	ODS-BHI3525	ODS-BHI4525
3.5 mm	ODS-BHI3535	ODS-BHI4535
4.5 mm	ODS-BHI3545	ODS-BHI4545
5.5 mm	ODS-BHI3555	-



NAC-Conical compatible with NobelActive®/Replace®		
Collar Height	Seating Surface	
	3.5 mm	4.3/5.0 mm
1.0 mm	ODS-NAC351	ODS-NAC431
2.0 mm	ODS-NAC352	ODS-NAC432
3.0 mm	ODS-NAC353	ODS-NAC433
4.0 mm	ODS-NAC354	ODS-NAC434



NRT-Trilobe compatible with NobelReplace Select™		
Collar Height	Seating Surface	
	3.5 mm	4.3 mm
1.0 mm	ODS-NRT351	ODS-NRT431
2.0 mm	ODS-NRT352	ODS-NRT432
3.0 mm	ODS-NRT353	ODS-NRT433
4.0 mm	ODS-NRT354	ODS-NRT434



NB-External compatible with Nobel Brånemark®		
Collar Height	Seating Surface	
	3.5 mm	4.1 mm
1.0 mm	ODS-NB351	ODS-NB431
2.0 mm	ODS-NB352	ODS-NB432
3.0 mm	ODS-NB353	ODS-NB433
4.0 mm	ODS-NB354	ODS-NB434



DA-internal compatible with Dentsply Ankylos® C/X	
Collar Height	
2.0 mm	ODS-DA352
3.0 mm	ODS-DA353
4.0 mm	ODS-DA354













STL-Tissue compatible with Straumann® Tissue level & synOcta	
Collar Height	4.1/4.8 mm
1.0 mm	ODS-STL411
2.0 mm	ODS-STL412
3.0 mm	ODS-STL413
4.0 mm	ODS-STL414










SBL-Conical compatible with Straumann® Bone level		
Collar Height	Seating Surface	
	3.3 mm	4.1/4.8 mm
1.0 mm	-	ODS-SBL411
2.0 mm	ODS-SBL332	ODS-SBL412
3.0 mm	ODS-SBL333	ODS-SBL413
4.0 mm	ODS-SBL334	ODS-SBL414



OverdenSURE Attachment Components

Description	Item No.	
Retention Kit 20° Qty 1 Set	ODS-RIKIT2001	
Retention Kit 20° Qty 2 Sets	ODS-RIKIT2002	
Retention Kit 40° Qty 1 Set	ODS-RIKIT4001	
Retention Kit 40° Qty 2 Sets	ODS-RIKIT4002	
Blue Retention Insert 20° Qty 4	ODS-RIB2004	
Pink Retention Insert 20° Qty 4	ODS-RIP2004	
Clear Retention Insert 20° Qty 4	ODS-RIC2004	
Red Retention Insert 40° Qty 4	ODS-RIR4004	
Yellow Retention Insert 40° Qty 4	ODS-RIY4004	
Green Retention Insert 40° Qty 4	ODS-RIG4004	

OverdenSURE Tools and Accessories

Description	Item No.	
Retention Housing Cap Qty 1	ODS-RH01	
Retention Housing Cap Qty 4	ODS-RH04	
Retention Housing Cap Qty 10	ODS-RH010	
Blockout Spacer Qty 20	ODS-BS020	
Abutment Driver	ODS-DRVR	
Abutment Driver for 7 mm (D) Straumann Torque Wrench	ODS-AD7ST	
Abutment Driver for 8 mm (D) Noble Torque Wrench	ODS-AD8NB	
Removal and Insertion Tool	ODS-IRTOOL	
Impression Coping Qty 1	ODS-IC01	
Impression Coping Qty 4	ODS-IC04	
Impression Coping Qty 10	ODS-IC010	
Abutment Bar Attachment Qty 1	ODS-BARATT01	
Abutment Bar Attachment Qty 2	ODS-BARATT02	
Abutment Bar Attachment Qty 4	ODS-BARATT04	
Analog Qty 1	ODS-AA01	
Analog Qty 4	ODS-AA04	
Analog Qty 10	ODS-AA010	

REFERENCES:

- ¹Oh DJ, Kim HJ, Chung CH. A study on mechanical properties of TiN, ZrN and WC coated film on the titanium alloy surface. The Journal of Korean Academy of Prosthodontics. 2006;44(6):740-50.
- ²Ul-Hamid A. Synthesis, microstructural characterization and nanoindentation of Zr, Zr-nitride and Zr-carbonitride coatings deposited using magnetron sputtering. J Adv Res. 2020 Nov 25;29:107-119.
- ³Grössner-Schreiber B, Griepentrog M, Haustein I, Müller WD, Lange KP, Briedigkeit H, Göbel UB. Plaque formation on surface modified dental implants. An in vitro study. Clin Oral Implants Res. 2001 Dec;12(6):543-51.
- ⁴Groessner-Schreiber B, Hannig M, Dück A, Griepentrog M, Wenderoth DF. Do different implant surfaces exposed in the oral cavity of humans show different biofilm compositions and activities?. European journal of oral sciences. 2004 Dec;112(6):516-22.
- ⁵Grössner-Schreiber B, Teichmann J, Hannig M, Dörfer C, Wenderoth DF, Ott SJ. Modified implant surfaces show different biofilm compositions under in vivo conditions. Clin Oral Implants Res. 2009 Aug;20(8):817-26.
- ⁶Brunello G, Brun P, Gardin C, Ferroni L, Bressan E, Meneghello R, Zavan B, Sivolella S. Biocompatibility and antibacterial properties of zirconium nitride coating on titanium abutments: An in vitro study. PLoS One. 2018 Jun 26;13(6):e0199591.
- ⁶Zhurakivska K, Ciacci N, Troiano G, Caponio VC, Scrascia R, Pallecchi L, Lo Muzio L, Arena F. Nitride-Coated and Anodic-Oxidized Titanium Promote a Higher Fibroblast and Reduced Streptococcus gordonii Proliferation Compared to the Uncoated Titanium. Prosthesis. 2020 Dec;2(4):333-9.
- ⁷G.E. Carlsson and R. Omar. The future of complete dentures in oral rehabilitation. A critical review. J. Oral Rehabilitation. 2010 37; 143-156.

For more information, visit [ZimVie.com](https://www.zimvie.com)

ZimVie

4555 Riverside Drive
Palm Beach Gardens, FL 33410
Phone: +1-561-776-6700
Fax: +1-561-776-1272



ASTRA TECH™, ANKYLOS® C/X, XiVE®, ASTRATECH implant system™ EV are registered trademarks of DENTSPLY SIRONA Implants. BioHorizons® is a registered trademark of BioHorizons, Inc. Brånemark System®, NobelReplace® and Replace Select™, NobelActive™, NobelReplace® NobelSpeedy™ and Multi-Unit® are registered trademarks of Nobel Biocare AB. Straumann® and synOcta® are registered trademarks of Straumann Holding AG. Switzerland MIS® is a registered trademark of MIS Implant Technologies Ltd.

Unless otherwise indicated, as referenced herein, all trademarks and intellectual property rights are the property of ZimVie Inc. or an affiliate; and all products are manufactured by one or more of the dental subsidiaries of ZimVie Inc. (Biomet 3i, LLC, Zimmer Dental, Inc., etc.) and marketed and distributed by ZimVie Dental and its authorized marketing partners. OverdenSURE is manufactured by Terrats Medical S.L. For additional product information, please refer to the individual product labeling or instructions for use. Product clearance and availability may be limited to certain countries/regions. This material is intended for clinicians only and does not comprise medical advice or recommendations. Distribution to any other recipient is prohibited. This material may not be copied or reprinted without the express written consent of ZimVie. ZV1604 OUS REV A 10/23 ©2023 ZimVie Inc. All rights reserved.

