

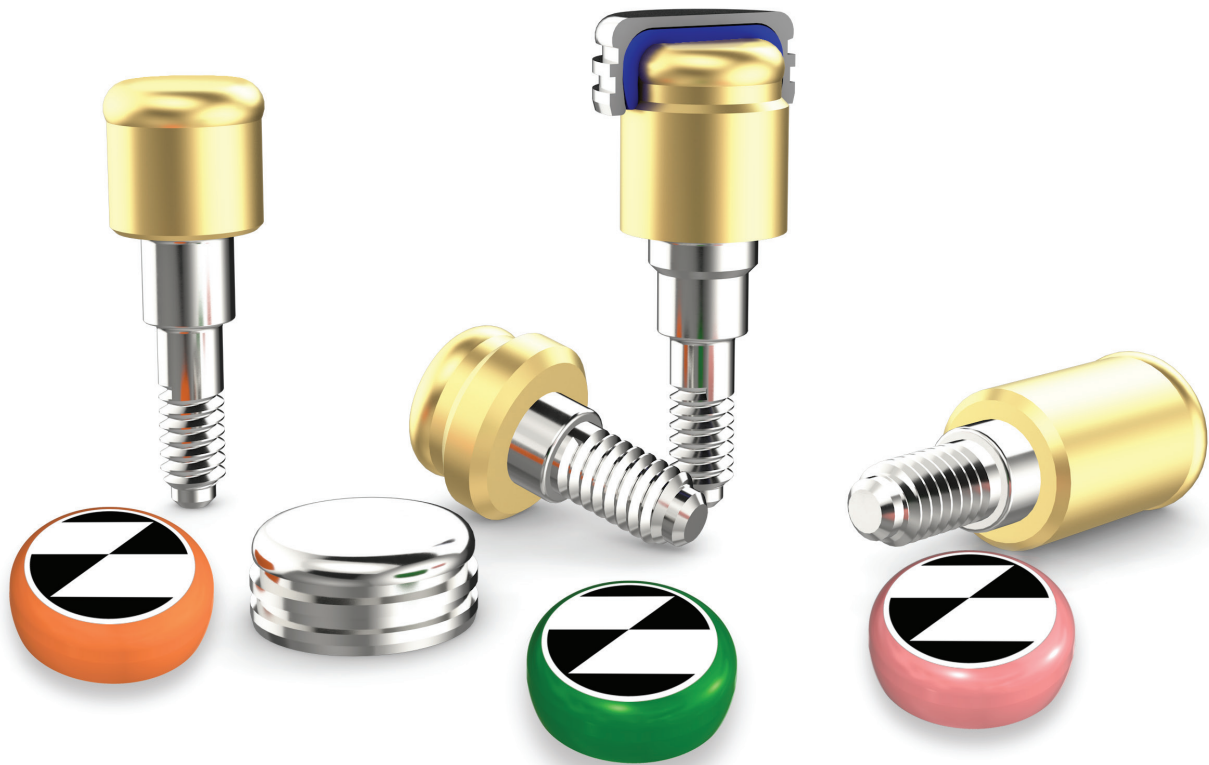


Good just got
better

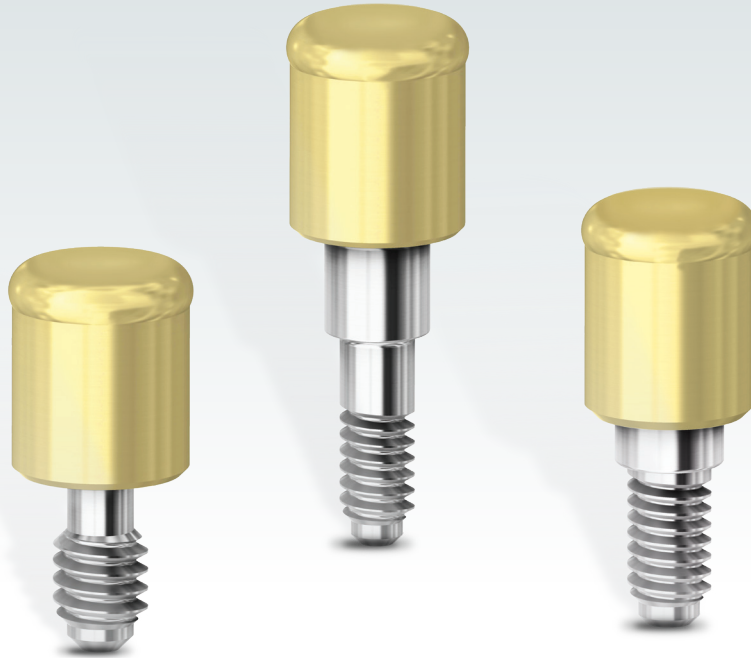


OverdenSURE®

Removable Attachment
on Multi-Platform Systems



 **ZimVie**



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

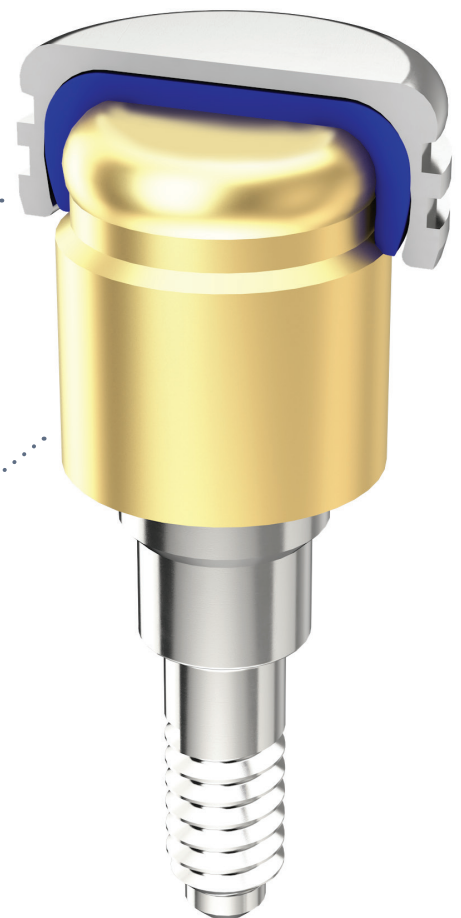
Together with our dental implant solutions, OverdenSURE Abutments are an ideal option for overdenture restorations, providing increased prosthetic stability and retention for patients wearing conventional dentures.

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 ○

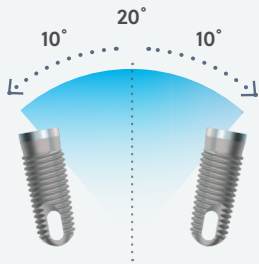
- Fully bio-compatible material.
- Exhibits increased hardness and wear resistance^{1,2}.
- Reduced bacterial adhesion^{3,4,5,6,7}.
- Enhanced lubricity compared to the traditionally used Titanium Nitride¹.
- Softer, more aesthetic gold color.




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.



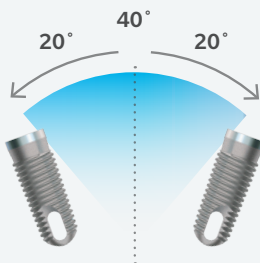
 Extra Light (1.5lbs / 680g)


 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.

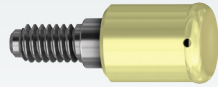
All OverdenSURE Abutments come pre-mounted with a placement tool for ease of use!



Ordering Info

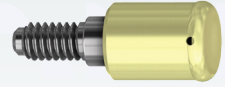
OverdenSURE Attachments for ZimVie Implant Systems

TSX™ and Eztetic® Implant Systems



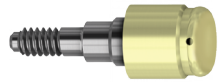
Collar Height	Implant Platform		
	NP (2.9 mmD)	3.5 mmD	4.5 mmD
1.0 mm	ODSA-NP201	ODSA-TSV301	ODSA-TSV401
2.0 mm	ODSA-NP202	ODSA-TSV302	ODSA-TSV402
3.0 mm	ODSA-NP203	ODSA-TSV303	ODSA-TSV403
4.0 mm	ODSA-NP204	ODSA-TSV304	ODSA-TSV404
5.0 mm	ODSA-NP205	ODSA-TSV305	ODSA-TSV405
6.0 mm	ODSA-NP206	ODSA-TSV306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

TSV® Implant System



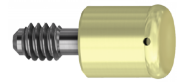
Collar Height	Implant Platform		
	3.5 mmD	4.5 mmD	5.7 mmD
1.0 mm	ODSA-TSV301	ODSA-TSV401	ODSA-TSV501
2.0 mm	ODSA-TSV302	ODSA-TSV402	ODSA-TSV502
3.0 mm	ODSA-TSV303	ODSA-TSV403	ODSA-TSV503
4.0 mm	ODSA-TSV304	ODSA-TSV404	ODSA-TSV504
5.0 mm	ODSA-TSV305	ODSA-TSV405	ODSA-TSV505
6.0 mm	ODSA-TSV306	ODSA-TSV406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

Certain® Implant System



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

External Hex® Implant System



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

OverdenSURE Attachments for 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	ODSA-DAEV361	ODSA-DAEV421	ODSA-DAEV481
2.0 mm	ODSA-DAEV362	ODSA-DAEV422	ODSA-DAEV482
3.0 mm	ODSA-DAEV363	ODSA-DAEV423	ODSA-DAEV483
4.0 mm	ODSA-DAEV364	ODSA-DAEV424	ODSA-DAEV484



DX-Internal compatible with XIVE®		
Collar Height	Seating Surface	
	3.4 mm	3.8 mm
1.0 mm	ODSA-DX341	ODSA-DX381
2.0 mm	ODSA-DX342	ODSA-DX382
3.0 mm	ODSA-DX343	ODSA-DX383
4.0 mm	ODSA-DX344	ODSA-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	ODSA-DATX351	ODSA-DATX451
2.0 mm	ODSA-DATX352	ODSA-DATX452
3.0 mm	ODSA-DATX353	ODSA-DATX453
4.0 mm	ODSA-DATX354	ODSA-DATX454



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



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



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



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



NB-External compatible with Nobel Brånemark®		
Collar Height	Seating Surface	
	3.5 mm	4.1 mm
1.0 mm	ODSA-NAC351	ODSA-NAC431
2.0 mm	ODSA-NAC352	ODSA-NAC432
3.0 mm	ODSA-NAC353	ODSA-NAC433
4.0 mm	ODSA-NAC354	ODSA-NAC434



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













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










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



OverdenSURE Attachment Components

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

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