

Prosthetic versatility.

Zimmer Dental has gained the trust of thousands of clinicians worldwide who count on our comprehensive line of products designed to deliver successful patient outcomes.

By streamlining the implant restorative process with a more user-friendly, versatile, and innovative family of prosthetic options, Zimmer Dental has again reinforced its commitment to offering meaningful solutions to clinicians. An extensive range of easy-to-use choices are available for your restorative needs, including components for:

- Cement-Retained Restorations
- Screw-Retained Restorations
- Custom Restorations
- Overdenture Restorations

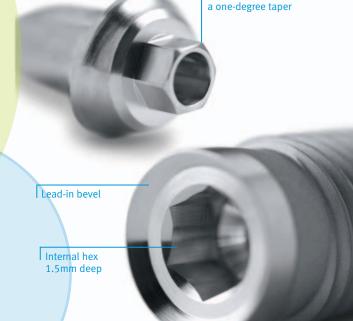
- Tissue Healing
- Impression Transfer
- Provisional Restorations

An implant platform designed for success.

Zimmer's proprietary friction-fit internal hex connection is a unique combination of designs that has been shown to reduce stress on crestal bone and resist abutment screw loosening, thus creating favorable conditions for bone level maintenance. 1-3

Advantages of the friction-fit internal hex connection

- A lead-in bevel and 1.5mm deep internal hex reduce horizontal bone stresses and distribute forces deep within the implant, thereby shielding the retention screw from excessive loading.¹⁻³
- The proprietary friction-fit component of the connection virtually eliminates abutment micromovement (a primary cause of screw loosening) when tightened to the recommended 30 Ncm of applied torque! This means fewer return patient visits, less chair time, and increased patient satisfaction.
- ¹ Binon PP. The evolution and evaluation of two interference-fit implant interfaces. *Postgraduate Dent.* 1996;3:3-13.
- ² Chun HJ, Shin HS, Han CH, Lee SH. Influence of implant abutment type on stress Distribution in bone under various loading conditions using finite element analysis. *Int J Oral Maxillofac Implants*. 2006;21:105-202.
- ³ Mihalko WM, May TC, Kay JF, Krause WR. Finite element analysis of interface geometry effects on the crestal bone surrounding a dental implant. *Implant Dent.* 1992;1:212-217.



Male abutment hex with

Innovations designed for esthetic enhancement.

Enhance efficiency and esthetics with these additions to the Tapered Screw-Vent Implant System.



Computer-aided design and custom-milled precision, with Zimmer's proprietary friction-fit connection in titanium, and zirconia with a titanium interface ring.

Zimmer Contour Zirconia Abutments

A beautiful fit right off the shelf, in 17° angled and straight versions.

Hex-Lock® Short Abutment and Restorative System

Off-the-shelf convenience and simplicity for the posterior. Short abutments provide options for limited interocclusal space with the same simplified protocols as the Hex-Lock Contour System.

Plastic Temporary Abutments

Soft tissue management with esthetics in mind. Available in a variety of configurations –



How to use this guide:

Tapered Screw-Vent and Screw-Vent® Implants are available in multiple sizes with three color-coded prosthetic platforms: 3.5mmD, 4.5mmD and 5.7mmD. Choose the implant prosthetic platform you wish to restore, then follow the color-coding to identify the appropriate components for your procedure.

Implant Platform Color-Coding

Implant Diameter	Implant Platform	Color-coding
3.7mmD	3.5mmD	Green
4.1mmD	3.5mmD	Green
4.7mmD	4.5mmD	Purple
6.0mmD	5.7mmD	Yellow

PT344S

PT341A

PT344A

Plastic Temporary

Abutment, 17°

4.5mmD

4.5mmD

4.5mmD

1mm

4mm

Catalog Emergence

Abutment Emergence Profile*	Color-coding
4.5mmD	Tan
5.5mmD	Rose
6.5mmD	Yellow

^{*} For Hex-Lock Contour and Short Restorative components.

Tissue Healing, Impression Transfer Components, and Provisional Restorations



PT454S

Catalog

PT451A

PT454A

5.5mmD

5.5mmD

Emergence Cuff

5.5mmD 1mm

4mm

PT564S

Note: Plastic Abutments include retaining screw p/n PTSC **and** long processing

6.5mmD

4mm

Cement-Retained Restorations

Abutment Try-Ins

Contour Abutment Try-In and Try-In Kit



ZOAT34 4.5mmD Set of 5: Various Angles, **Cuff Heights**

Note: Catalog No. ZOATKIT includes all 3 sets of 5 Try-ins.



ZOAT45 5.5mmD Set of 5: Various Angles, **Cuff Heights**



5.7mmD Platform

Catalog Emergence ZOAT56 6.5mmD

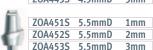
Set of 5: Various Angles, **Cuff Heights**

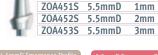
Hex-Lock Contour Abutment, Straight

Hex-Lock Contour Abutment, Straight (includes screw p/n MHLAS)



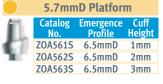
	4.5mmD Platform			
ñ.	Catalog No.	Emergence Profile	Cuff Height	
61	Z0A441S	4.5mmD	1mm	
	Z0A442S	4.5mmD	2mm	
	Z0A443S	4.5mmD	3mm	













Contour Restorative Kit, Straight

(includes impression cap, analog, provisional and waxing copings)



Hex-Lock Contour Abutment, 17°

Hex-Lock Contour Abutment, 17°

(includes screw p/n AH20S)



	4.5mm	nD Platfor	m
	Catalog No.	Emergence Profile	Cuff Height
6 1	ZOA441A	4.5mmD	1mm
-	Z0A442A	4.5mmD	2mm
A	ZOA451A ZOA452A	5.5mmD 5.5mmD	1mm 2mm



Contour Restorative Kit. 17°

(includes impression cap, analog, provisional and waxing copings)









Hex-Lock Short Abutment

Hex-Lock Short Abutment

(includes screw p/n MHLAS)

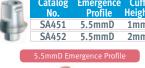
Short Abutment Restorative Kit

(Includes impression cap, analog, provisional and waxing copings)

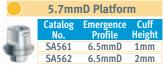
	3.5mr	mD Platfor	m
	Catalog No.	Emergence Profile	Cuff Height
	SA341	4.5mmD	1mm
U	SA342	4.5mmD	2mm



4.5mmD Platform		
Catalog No.	Emergence Profile	Cuff Height
SA451	5.5mmD	1mm
SA452	5.5mmD	2mm









Hex-Lock Abutment, Straight, and Angled Abutment, 20°

Hex-Lock Abutment (includes screw p/n MHLAS)

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11	Catalog No.	Emergence Profile
40	HLA3/3	3.5mmD
10	HLA3/4	4.5mmD
	HLA3/5	5.5mmD

2 EmmD Diatform





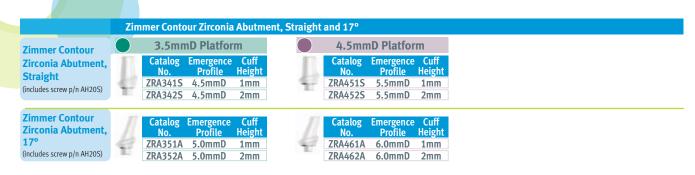
Angled Abutment, 20°, for 6 Positions (includes screw p/n AH20S)



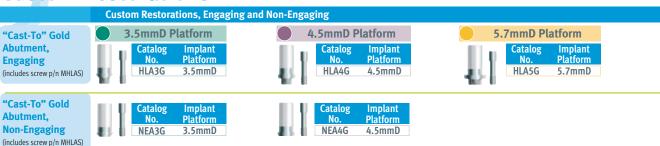
4.5mmD for 6 Positions			
	Catalog No.	Emergence Profile	
	AH20W/5	5.5mmD	
100			

5.7 n	nmD for 6	Positions
	Catalog No.	Emergence Profile
	A5H20/6	6.5mmD

Cement-Retained Zirconia Restorations

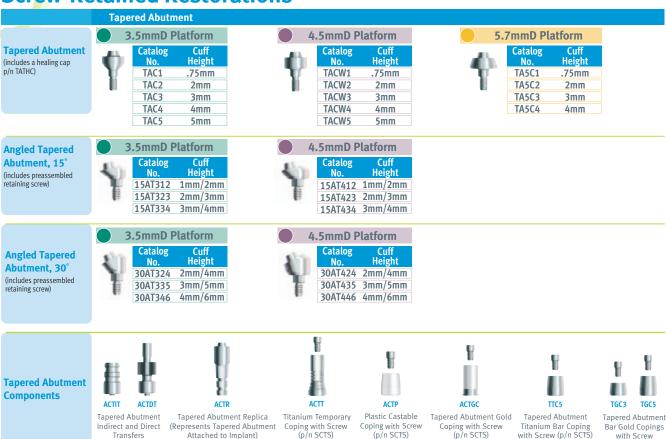


Custom Restorations

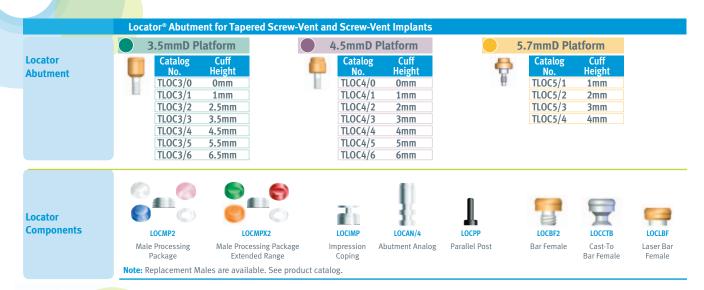


Note: Zimmer Patient Specific Abutment is also available. Please contact a Zimmer Dental representative for additional information.

Screw-Retained Restorations



Overdenture Restorations





Zimmer Patient-Specific Abutments Computer-aided design and custom-milled precision.

Please contact a Zimmer Dental representative for additional information.

Prosthetic Tools

1 Tostifette Toots				
1	Catalog Numbers			
-	Description	Catalog No.		
-	Hex Driver, Short, with GemLock® Retention (1.25mmD, 22mmL)	HXGR1.25		
	Hex Driver, Long, with GemLock Retention (1.25mmD, 30mmL)	HXLGR1.25		
	Hex Driver, Short, Standard (1.25mmD, 17mmL)	HX1.25		
	Hex Driver, Long, Standard (1.25mmD, 22mmL)	HXL1.25		
	Latch-Lock Hex Driver for Surgical and Prosthetic Screws (May Require Reduction Handpiece) (1.25mmD, 23mmL)	HX1.25D		
	Latch-Lock Hex Driver for Surgical and Prosthetic Screws (May Require Reduction Handpiece) (1.25mmD, 26mmL)	HXL1.25D		
	Removal Tool for Internal Hex Implant Abutments	TLRT2		
(munu & (i)	Torque Wrench, Restorative (Adjustable Torque Range 10 Ncm – 35 Ncm)	TWR		
	Torque Wrench Insert Hex Driver, Short, 1.25mmD	TW1.25		
	Torque Wrench Insert Hex Driver, Long, 1.25mmD	TW1.25L		
\mathbf{r}	Locator Torque Wrench Insert Driver, Short, 15mmL	LOCTW15		
T-	Locator Torque Wrench Insert Driver, Long, 21mmL	LOCTW21		
=======================================	Locator Core Tool	LOCCT2		
	Abutment Holder (Requires Implant Analog to Attach Abutments)	АВТН		

For more information about our Products, Regenerative Materials and Educational Opportunities, contact us:

1900 Aston Avenue Carlsbad, CA 92008-7308 USA

In the U.S. 1 (800) 854-7019
To fax an order 1 (888) 225-2483
Outside the U.S. +1 (760) 929-4300
Australia +61 (0)2 9950 5434 or 1 (800) 241 916
Canada + 1 (905) 567-2073 or 1 (800) 265-0968
China +86 21 22115147

France +33 (0)1 45 12 35 35 Germany +49 (0)761 1 56 47 0 Israel +972 (0)3 6124242 Italy +39 043 855 5573 Spain +34 93 846 05 43

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