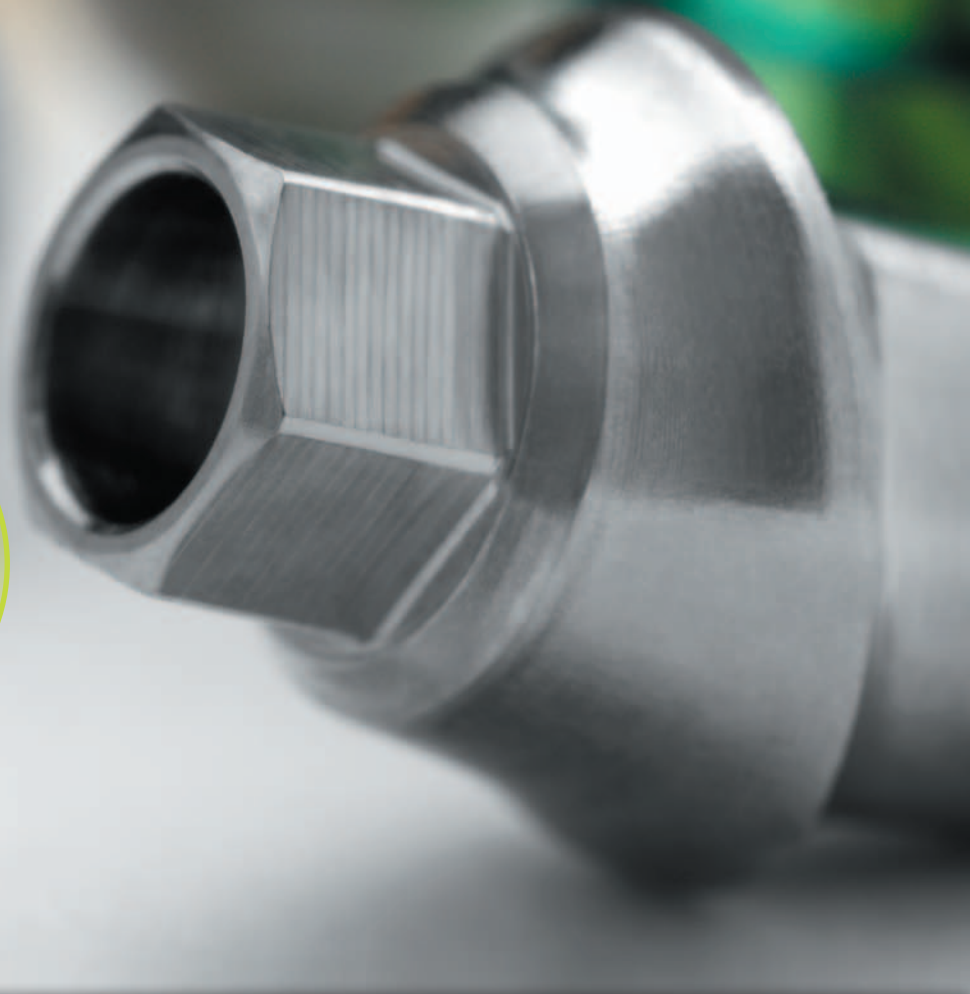




**Tapered
Screw-Vent®
Implant System
Prosthetic
Overview**



The simple solution. One complete system.



zimmer | dental

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

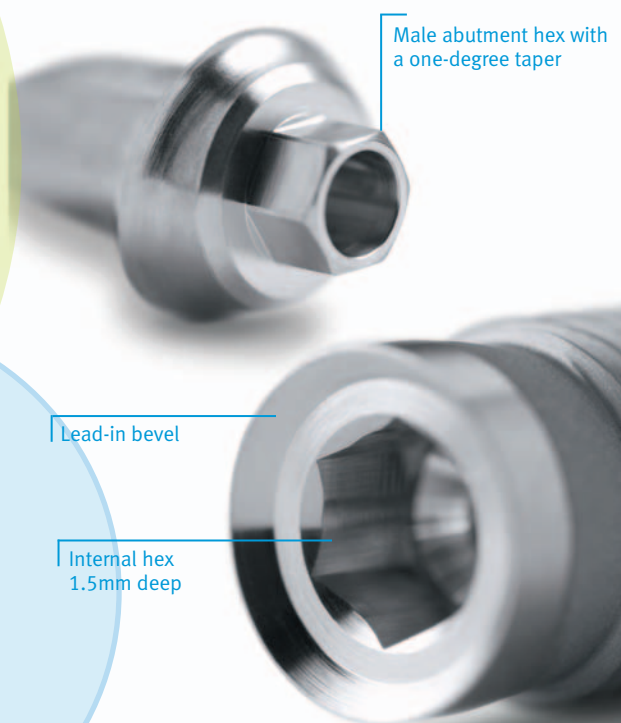
Advantages of the friction-fit internal hex connection

- 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.



Innovations designed for esthetic enhancement.

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

Zimmer® Patient Specific Abutments

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 –

including straight and angled options – enabling clinicians to select the optimal abutment for each individual clinical case.



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	
4.7mmD	4.5mmD	● Purple
6.0mmD	5.7mmD	● Yellow

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

Tissue Healing

Healing Collar	3.5mmD Platform			4.5mmD Platform			5.7mmD Platform				
	Catalog No.	Emergence Profile	Cuff Height	Catalog No.	Emergence Profile	Cuff Height	Catalog No.	Emergence Profile	Cuff Height		
	HC333	3.5mmD	3mm		HC443	4.5mmD	3mm		HC563	6.5mmD	3mm
	HC335	3.5mmD	5mm		HC445	4.5mmD	5mm		HC565	6.5mmD	5mm
	HC343	4.5mmD	3mm		HC453	5.5mmD	3mm				
	HC345	4.5mmD	5mm		HC455	5.5mmD	5mm				
	HC347	4.5mmD	7mm		HC457	5.5mmD	7mm				
	HC353	5.5mmD	3mm		HC463	6.5mmD	3mm				
	HC355	5.5mmD	5mm		HC465	6.5mmD	5mm				

Impression Transfer




Indirect Transfer <small>(for closed-tray impressions – includes screw p/n HLTS2)</small>	3.5mmD Platform		4.5mmD Platform		5.7mmD Platform			
	Catalog No.	Emergence Profile	Catalog No.	Emergence Profile	Catalog No.	Emergence Profile		
	HLT3/3	3.5mmD		HLT4/4	4.5mmD		HLT5/6	6.5mmD
	HLT3/4	4.5mmD		HLT4/5	5.5mmD			
	HLT3/5	5.5mmD		HLT4/6	6.5mmD			

Direct Transfer <small>(for open-tray impressions – includes screw p/n DHTS)</small>	3.5mmD Platform		4.5mmD Platform		
	Catalog No.	Emergence Profile	Catalog No.	Emergence Profile	
	DHT3/3	3.5mmD		DHT4/4	4.5mmD
	DHT3/4	4.5mmD		DHT4/5	5.5mmD
	DHT3/5	5.5mmD		DHT4/6	6.5mmD




Note: Direct Transfer for open-tray procedures is not available for 6.0mmD implants with 5.7mmD platforms (please see Indirect Transfer above).


Implant Analog	3.5mmD Platform		4.5mmD Platform		5.7mmD Platform			
	Catalog No.	Implant Platform	Catalog No.	Implant Platform	Catalog No.	Implant Platform		
	IA3	3.5mmD		IA4	4.5mmD		IA5	5.7mmD

Fixture Mount/Transfer

Fixture Mount/Transfer <small>(includes screw p/n URS2)</small>	3.5mmD Platform		4.5mmD Platform		5.7mmD Platform			
	Catalog No.	Emergence Profile	Catalog No.	Emergence Profile	Catalog No.	Emergence Profile		
	FMT3	4.5mmD		FMT4	5.5mmD		FMT5	6.5mmD

Plastic Temporary Abutments, Straight and 17°

Plastic Temporary Abutment, Straight	3.5mmD Platform			4.5mmD Platform			5.7mmD Platform				
	Catalog No.	Emergence Profile	Cuff Height	Catalog No.	Emergence Profile	Cuff Height	Catalog No.	Emergence Profile	Cuff Height		
	PT341S	4.5mmD	1mm		PT451S	5.5mmD	1mm		PT561S	6.5mmD	1mm
	PT344S	4.5mmD	4mm		PT454S	5.5mmD	4mm		PT564S	6.5mmD	4mm

Plastic Temporary Abutment, 17°	3.5mmD Platform			4.5mmD Platform			
	Catalog No.	Emergence Profile	Cuff Height	Catalog No.	Emergence Profile	Cuff Height	
	PT341A	4.5mmD	1mm		PT451A	5.5mmD	1mm
	PT344A	4.5mmD	4mm		PT454A	5.5mmD	4mm

Note: Plastic Abutments include retaining screw p/n PTSC and long processing screw p/n DHTS2.

Cement-Retained Restorations

Abutment Try-Ins

Contour Abutment Try-In and Try-In Kit

3.5mmD Platform

Catalog No.	Emergence Profile
ZOAT34	4.5mmD

Set of 5: Various Angles, Cuff Heights

4.5mmD Platform

Catalog No.	Emergence Profile
ZOAT45	5.5mmD

Set of 5: Various Angles, Cuff Heights

5.7mmD Platform

Catalog No.	Emergence Profile
ZOAT56	6.5mmD

Set of 5: Various Angles, Cuff Heights

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

Hex-Lock Contour Abutment, Straight

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

3.5mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA341S	4.5mmD	1mm
ZOA342S	4.5mmD	2mm
ZOA343S	4.5mmD	3mm

4.5mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA441S	4.5mmD	1mm
ZOA442S	4.5mmD	2mm
ZOA443S	4.5mmD	3mm

5.7mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA561S	6.5mmD	1mm
ZOA562S	6.5mmD	2mm
ZOA563S	6.5mmD	3mm

ZOA451S	5.5mmD	1mm
ZOA452S	5.5mmD	2mm
ZOA453S	5.5mmD	3mm

4.5mmD Emergence Profile



ZORKIT4S

4.5mmD Emergence Profile



ZORKIT4S

5.5mmD Emergence Profile



ZORKIT5S

6.5mmD Emergence Profile



ZORKIT6S

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)

3.5mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA341A	4.5mmD	1mm
ZOA342A	4.5mmD	2mm

4.5mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA441A	4.5mmD	1mm
ZOA442A	4.5mmD	2mm

5.7mmD Platform

Catalog No.	Emergence Profile	Cuff Height
ZOA561A	6.5mmD	1mm
ZOA562A	6.5mmD	2mm

ZOA451A	5.5mmD	1mm
ZOA452A	5.5mmD	2mm

4.5mmD Emergence Profile



ZORKIT4A

4.5mmD Emergence Profile



ZORKIT4A

5.5mmD Emergence Profile



ZORKIT5A

6.5mmD Emergence Profile



ZORKIT6A

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)

3.5mmD Platform

Catalog No.	Emergence Profile	Cuff Height
SA341	4.5mmD	1mm
SA342	4.5mmD	2mm

4.5mmD Platform

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

5.7mmD Platform

Catalog No.	Emergence Profile	Cuff Height
SA561	6.5mmD	1mm
SA562	6.5mmD	2mm

4.5mmD Emergence Profile



SAKIT4

5.5mmD Emergence Profile



SAKIT5

6.5mmD Emergence Profile



SAKIT6

Short Abutment Restorative Kit

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

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

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

3.5mmD Platform

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

4.5mmD Platform

Catalog No.	Emergence Profile
HLA4/4	4.5mmD
HLA4/5	5.5mmD
HLA4/6	6.5mmD

5.7mmD Platform

Catalog No.	Emergence Profile
HLA5/6	6.5mmD

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

3.5mmD for 6 Positions

Catalog No.	Emergence Profile
AH20/4	4.5mmD

4.5mmD for 6 Positions

Catalog No.	Emergence Profile
AH20W/5	5.5mmD

5.7mmD for 6 Positions

Catalog No.	Emergence Profile
A5H20/6	6.5mmD

Cement-Retained Zirconia Restorations

Zimmer Contour Zirconia Abutment, Straight and 17°

Zimmer Contour Zirconia Abutment, Straight
(includes screw p/n AH20S)

3.5mmD Platform			
Catalog No.	Emergence Profile	Cuff Height	
ZRA341S	4.5mmD	1mm	
ZRA342S	4.5mmD	2mm	

4.5mmD Platform			
Catalog No.	Emergence Profile	Cuff Height	
ZRA451S	5.5mmD	1mm	
ZRA452S	5.5mmD	2mm	

Zimmer Contour Zirconia Abutment, 17°
(includes screw p/n AH20S)

3.5mmD Platform			
Catalog No.	Emergence Profile	Cuff Height	
ZRA351A	5.0mmD	1mm	
ZRA352A	5.0mmD	2mm	

4.5mmD Platform			
Catalog No.	Emergence Profile	Cuff Height	
ZRA461A	6.0mmD	1mm	
ZRA462A	6.0mmD	2mm	

Custom Restorations

Custom Restorations, Engaging and Non-Engaging

“Cast-To” Gold Abutment, Engaging
(includes screw p/n MHLAS)

3.5mmD Platform		
Catalog No.	Implant Platform	
HLA3G	3.5mmD	

4.5mmD Platform		
Catalog No.	Implant Platform	
HLA4G	4.5mmD	

5.7mmD Platform		
Catalog No.	Implant Platform	
HLA5G	5.7mmD	

“Cast-To” Gold Abutment, Non-Engaging
(includes screw p/n MHLAS)

3.5mmD Platform		
Catalog No.	Implant Platform	
NEA3G	3.5mmD	

4.5mmD Platform		
Catalog No.	Implant Platform	
NEA4G	4.5mmD	

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

Screw-Retained Restorations

Tapered Abutment

Tapered Abutment
(includes a healing cap p/n TATHC)

3.5mmD Platform		
Catalog No.	Cuff Height	
TAC1	.75mm	
TAC2	2mm	
TAC3	3mm	
TAC4	4mm	
TAC5	5mm	

4.5mmD Platform		
Catalog No.	Cuff Height	
TACW1	.75mm	
TACW2	2mm	
TACW3	3mm	
TACW4	4mm	
TACW5	5mm	

5.7mmD Platform		
Catalog No.	Cuff Height	
TA5C1	.75mm	
TA5C2	2mm	
TA5C3	3mm	
TA5C4	4mm	

Angled Tapered Abutment, 15°
(includes preassembled retaining screw)

3.5mmD Platform		
Catalog No.	Cuff Height	
15AT312	1mm/2mm	
15AT323	2mm/3mm	
15AT334	3mm/4mm	

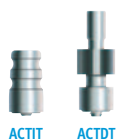
4.5mmD Platform		
Catalog No.	Cuff Height	
15AT412	1mm/2mm	
15AT423	2mm/3mm	
15AT434	3mm/4mm	

Angled Tapered Abutment, 30°
(includes preassembled retaining screw)

3.5mmD Platform		
Catalog No.	Cuff Height	
30AT324	2mm/4mm	
30AT335	3mm/5mm	
30AT346	4mm/6mm	

4.5mmD Platform		
Catalog No.	Cuff Height	
30AT424	2mm/4mm	
30AT435	3mm/5mm	
30AT446	4mm/6mm	

Tapered Abutment Components



ACTIT ACTDT
Tapered Abutment Indirect and Direct Transfers



ACTR
Tapered Abutment Replica (Represents Tapered Abutment Attached to Implant)



ACTT
Titanium Temporary Coping with Screw (p/n SCTS)



ACTP
Plastic Castable Coping with Screw (p/n SCTS)



ACTGC
Tapered Abutment Gold Coping with Screw (p/n SCTS)



TTC5
Tapered Abutment Titanium Bar Coping with Screw (p/n SCTS)



TGC3 TGC5
Tapered Abutment Bar Gold Copings with Screw

Overdenture Restorations

Locator® Abutment for Tapered Screw-Vent and Screw-Vent Implants

Locator Abutment

3.5mmD Platform	
Catalog No.	Cuff Height
TLOC3/0	0mm
TLOC3/1	1mm
TLOC3/2	2.5mm
TLOC3/3	3.5mm
TLOC3/4	4.5mm
TLOC3/5	5.5mm
TLOC3/6	6.5mm

4.5mmD Platform	
Catalog No.	Cuff Height
TLOC4/0	0mm
TLOC4/1	1mm
TLOC4/2	2mm
TLOC4/3	3mm
TLOC4/4	4mm
TLOC4/5	5mm
TLOC4/6	6mm

5.7mmD Platform	
Catalog No.	Cuff Height
TLOC5/1	1mm
TLOC5/2	2mm
TLOC5/3	3mm
TLOC5/4	4mm

Locator Components



LOCMP2
Male Processing Package



LOCMPX2
Male Processing Package Extended Range



LOCIMP
Impression Coping



LOCAN/4
Abutment Analog



LOCPP
Parallel Post



LOCBF2
Bar Female



LOCCTB
Cast-To Bar Female



LOCLBF
Laser Bar Female

Note: Replacement Males are available. See product catalog.



Zimmer Patient-Specific Abutments Computer-aided design and custom-milled precision. Please contact a Zimmer Dental representative for additional information.

Prosthetic Tools

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
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
Locator Torque Wrench Insert Driver, Short, 15mmL	LOCTW15
Locator Torque Wrench Insert Driver, Long, 21mmL	LOCTW21
Locator Core Tool	LOCCT2
Abutment Holder (Requires Implant Analog to Attach Abutments)	ABTH

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

To receive our eNews visit us at http://www.zimmerdental.com/news_eNewsLetterSignUp.aspx



www.zimmerdental.com