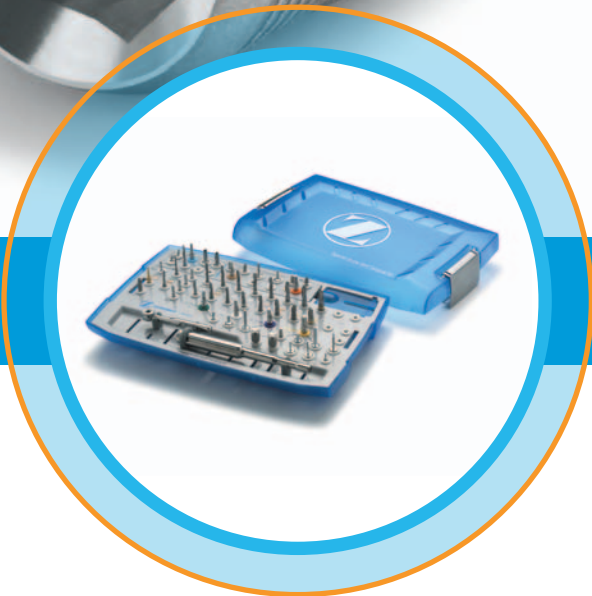
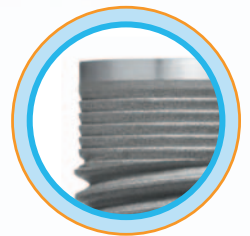
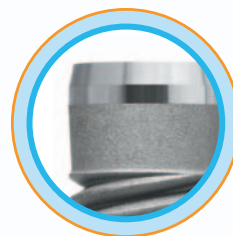
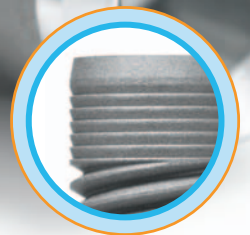
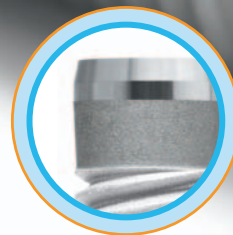




Tapered Screw-Vent[®] Implant System



The implant of choice brings flexibility to your practice.

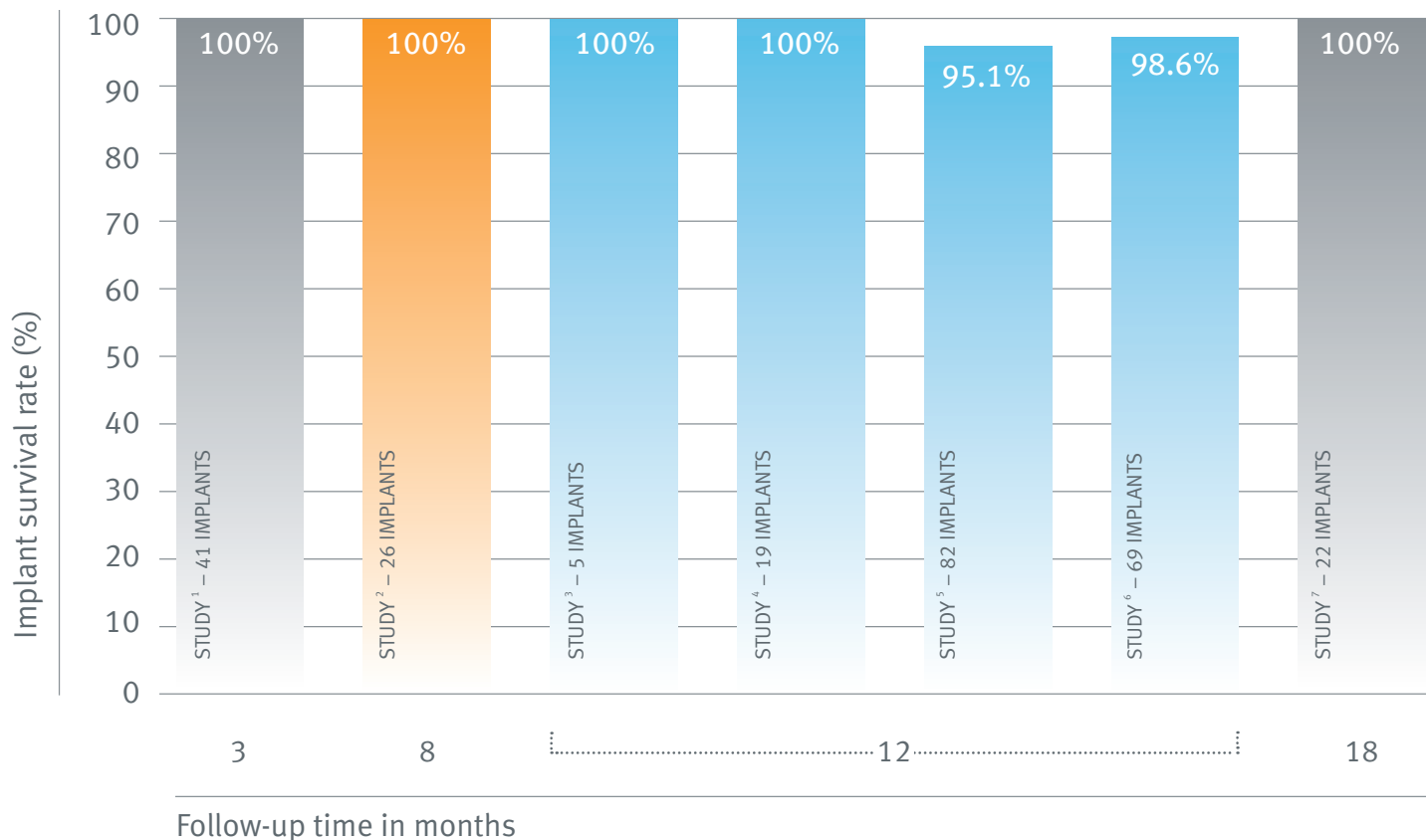
1 CLINICAL RESULTS AND SECONDARY STABILITY

TAPERED SCREW-VENT IMPLANT CELEBRATES 11 YEARS OF QUALITY

Celebrating the clinical outcomes of the original *Tapered Screw-Vent* Implant with *MTX*[®] Surface.

Documented prospective clinical survival rates for **1,553** *MTX*-Textured *Tapered Screw-Vent* Implants:

- Implant survival rate mean **98.7%** (range from 95.1% to 100%)
- Follow-up times range from **3 to 120** months (mean = 36.4 months)





Final restoration.



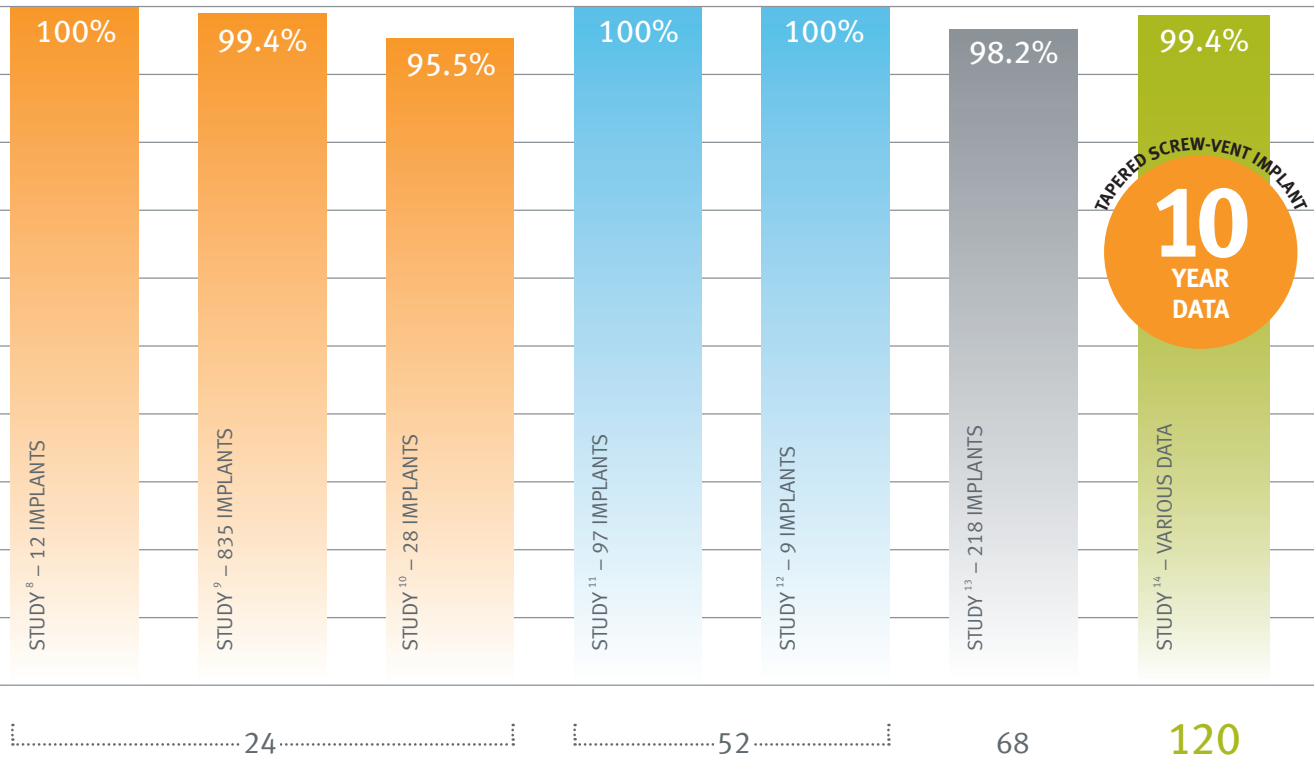
X-ray at time of final restoration.



10-year follow-up showed no bone loss.

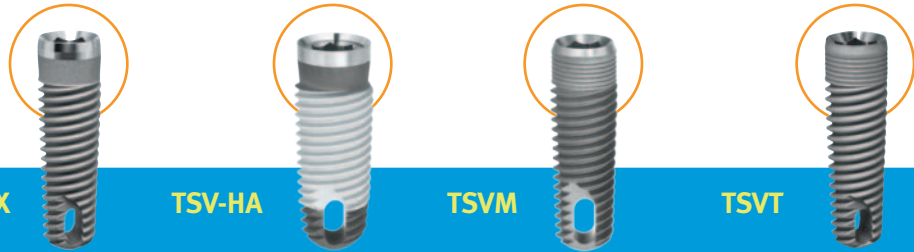
Clinical photos ©2012 Daulton Keith, D.D.S., F.I.C.D.
All rights reserved. Individual results may vary.

Numerous other short-term (<5 years) studies have further documented the quality and performance of *Tapered Screw-Vent* Implants under immediate and delayed placement, as well as immediate and delayed loading.¹⁴ Individual results may vary according to patient selection and clinical experience.



2 CLINICAL FLEXIBILITY

Each of Zimmer's crestal configurations is designed for crestal bone and tissue maintenance. Zimmer Dental Implant Systems are designed for use in the maxilla or mandible for immediate loading or for loading after a conventional healing period. Implants may be used to replace one or multiple missing teeth. Immediate loading is indicated when there is good primary stability and an appropriate occlusal load.



Tapered Screw-Vent Model Number	TSV-MTX	TSV-HA	TSVM	TSVT
Coronal Features	1mm Machined Collar with <i>MTX</i> Surface	1mm Machined Collar with <i>MTX</i> Surface	0.5mm Machined Collar, <i>MTX</i> Surface and 1.8mm crestal Microgrooves	Full <i>MTX</i> Surface and 1.8mm crestal Microgrooves
Diameter	3.7, 4.1, 4.7, 6.0mmD	3.7, 4.1, 4.7, 6.0mmD	3.7, 4.1, 4.7, 6.0mmD	3.7, 4.1, 4.7, 6.0mmD
Length	8, 10, 11.5, 13, 16mm	8, 10, 11.5, 13, 16mm	8, 10, 11.5, 13, 16mm	8, 10, 11.5, 13, 16mm
Platform Diameter	3.5, 4.5, 5.7mmD	3.5, 4.5, 5.7mmD	3.5, 4.5, 5.7mmD	3.5, 4.5, 5.7mmD
Surface	<i>MTX</i>	<i>MP-1 HA/MTX</i>	<i>MTX</i>	<i>MTX</i>
Threads	Triple-lead	Triple-lead	Triple-lead	Triple-lead
Connection	Internal Hex 2.5, 3.0mmD	Internal Hex 2.5, 3.0mmD	Internal Hex 2.5, 3.0mmD	Internal Hex 2.5, 3.0mmD
Surgical Kit	<i>Zimmer</i> Instrument Kit System	<i>Zimmer</i> Instrument Kit System	<i>Zimmer</i> Instrument Kit System	<i>Zimmer</i> Instrument Kit System
Restorative	Zimmer Prosthetics	Zimmer Prosthetics	Zimmer Prosthetics	Zimmer Prosthetics
Indications	Immediate Load Anterior/Posterior	Immediate Load Anterior/Posterior	Immediate Load Anterior/Posterior	Immediate Load Anterior/Posterior

TAPERED SCREW-VENT IM



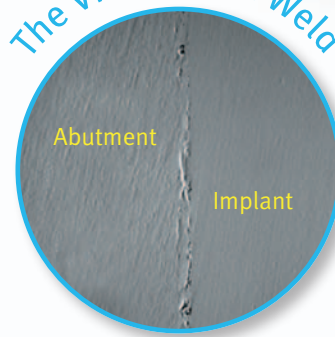
- 5 SCREW-VENT DESIGN**
Apical cutting threads designed for immediate cutting impact.



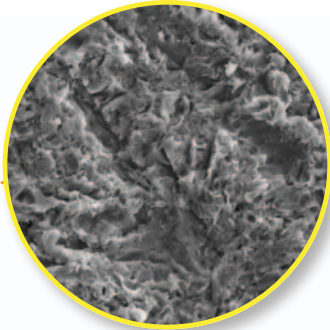
- 4 TAPERED IMPLANT BODY**
Designed for primary stability, the tapered titanium alloy body provides the strength of traditional dental implants.¹⁴

- 3 PLATFORM PLUS™ TECHNOLOGY**
The proprietary internal hex connection, utilized with Zimmer Dental's friction-fit abutments, has been documented to shield crestal bone from concentrated occlusal forces.^{19, 20}

The Virtual Cold Weld



IMPLANT



1 MTX SURFACE FOR ONGROWTH

The *MTX* Microtextured Surface has been documented to achieve high levels of bone-to-implant contact, or ongrowth.^{21, 22}

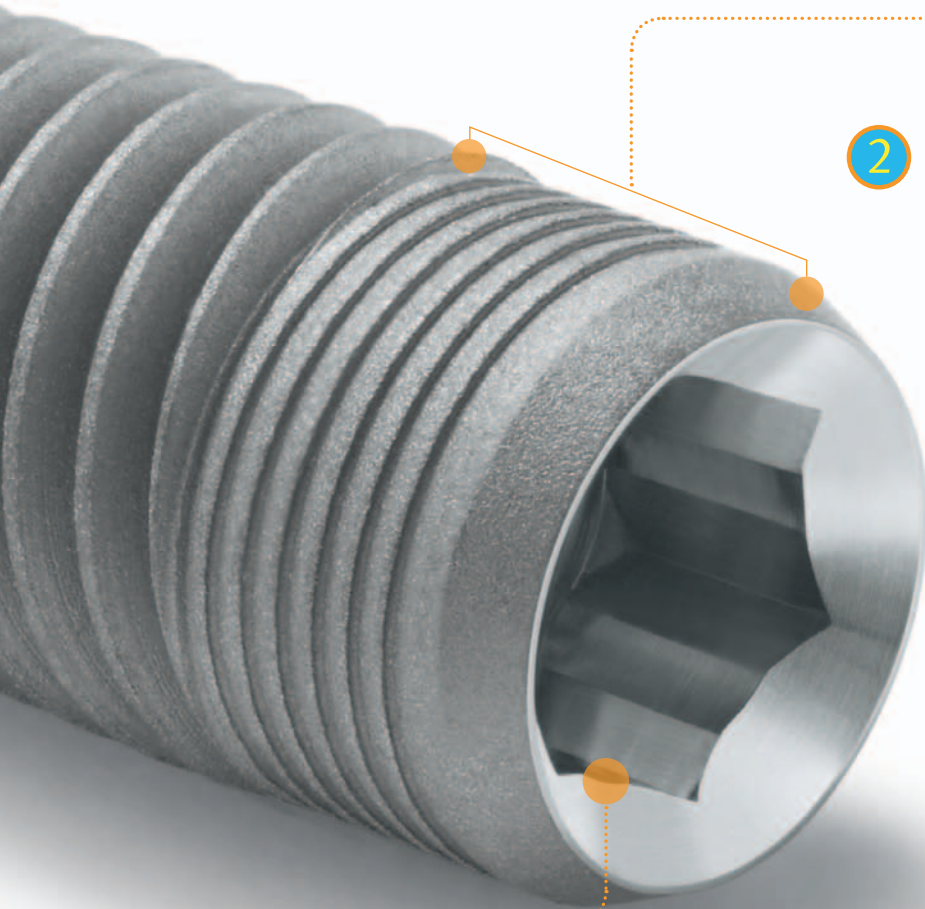


2 CRESTAL OPTIONS FOR BONE-LEVEL MAINTENANCE

The coronal microgrooves are designed to preserve crestal bone.²³

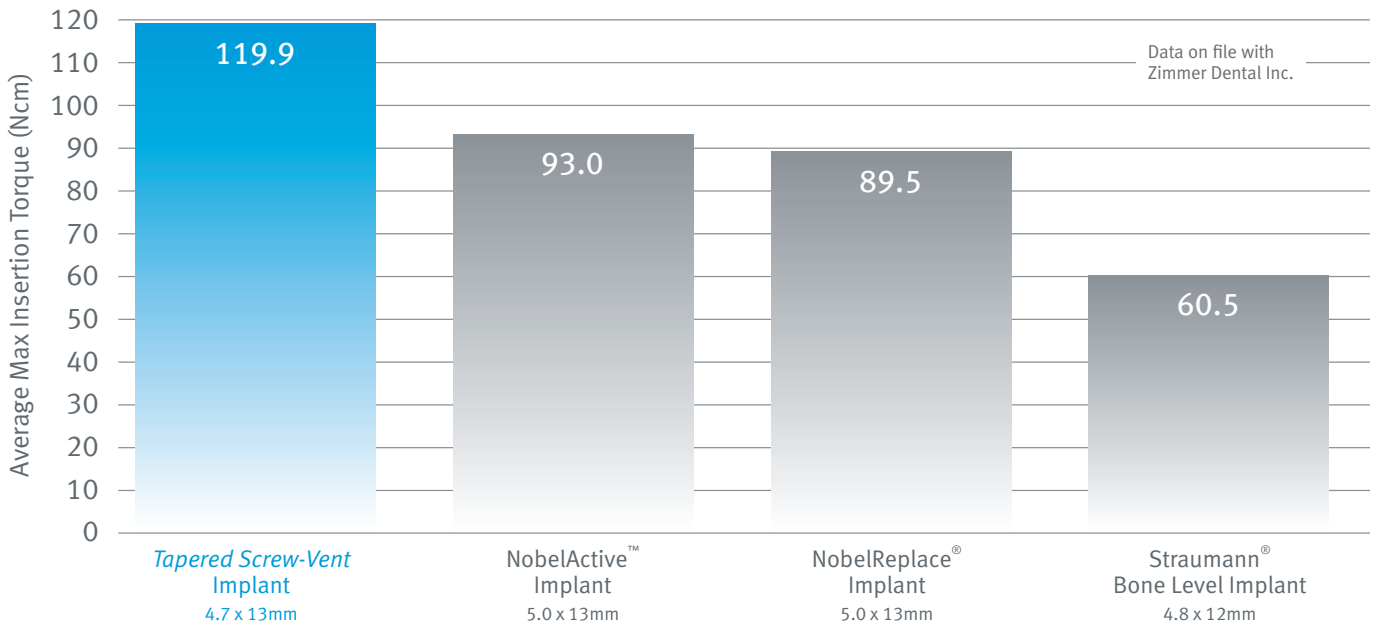
Three coronal surface configurations are available:

- 1.0mm Machined Collar (Model TSV, with *MTX* Surface shown above right)
- 0.5mm Machined with *MTX* Crestal Microgrooves (Model TSVM, shown above)
- Full *MTX* Microtexturing with *MTX* Crestal Microgrooves (Model TSVT, shown to left)

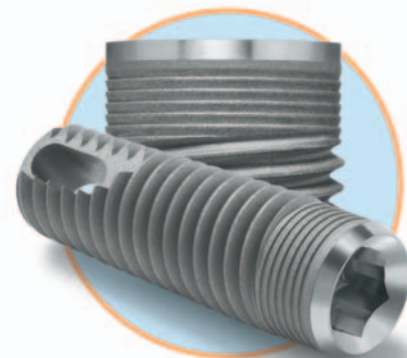


3 DESIGNED FOR PRIMARY STABILITY

Primary stability achieved by using *Tapered Screw-Vent* Implants enables immediate placement and/or immediate loading in appropriately selected patients.^{13, 15-18}



- The triple lead threads provide mechanical stability for immediate placements.
 - The lead of a triple-lead thread is three times as large as the lead of the standard single-lead thread; therefore *Tapered Screw-Vent* Implants can be inserted with one third the number of turns of an implant with a single-lead thread.
 - The pitch and the bone contacting surface area of the dense thread pattern is maintained the same as that of a single-lead thread because three adjacent threads run down the implant.
- Soft bone surgical protocol enables bone compression and provides additional stability in poor quality sites.¹⁸
 - In the soft bone surgical protocol, a straight and somewhat undersized osteotomy is prepared to help enhance initial stability of the implant through lateral bone compression.
- In dense bone, the stepped finishing drill enables apical bone engagement for initial stability.¹⁸
 - The dense bone protocol prepares a slightly larger, stepped osteotomy design to help improve initial engagement.



Model TSVM

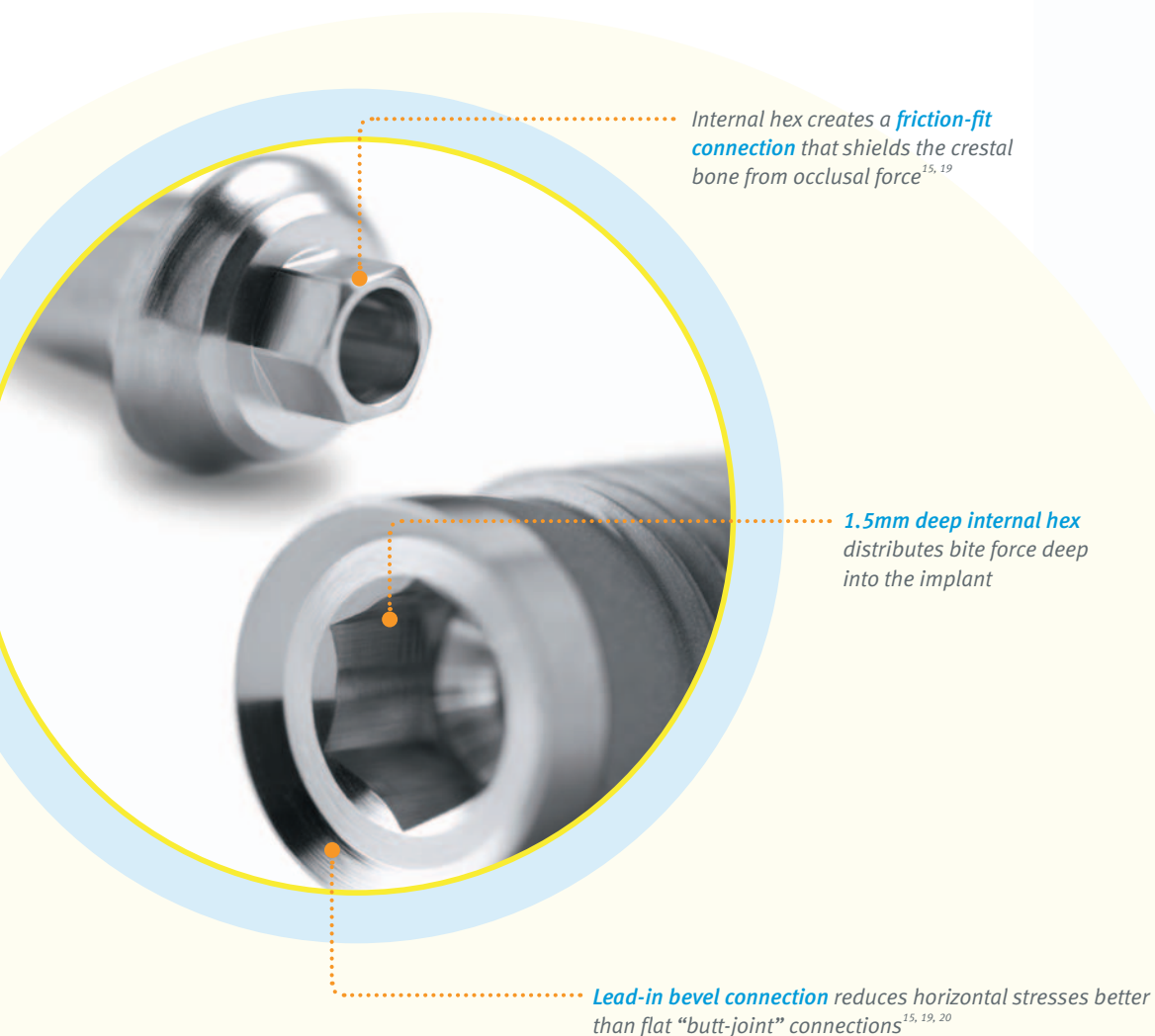


Model TSVT

4 PROPRIETARY PLATFORM PLUS TECHNOLOGY

The Platform Plus Technology difference—what no other implant can offer.

- The internal hex creates a **friction-fit connection** that shields the crestal bone from occlusal force^{15,21}
- The lead-in bevel connection **reduces horizontal stresses** better than flat “butt-joint” connections^{15,21-22}
- The 1.5mm deep internal hex **distributes bite force** deep into the implant^{15,21-22}
- The internal connection is designed to **ensure ease of use** in restoration:
 - The lead-in bevel offers assuredness in abutment orientation, providing a positive seating during placement



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5 TOTAL SYSTEM COMPATIBILITY

All *Tapered Screw-Vent* Implants are compatible with the *Zimmer Instrument Kit System* and prosthetics you know and trust.



- Color-coded workflow designed to enhance efficiency and confidence during surgery
- No new instrumentation or training required to introduce a new crestal option*
- Simplified restorative instrumentation supports compatibility and minimizes stocking inventory across systems (models TSV, TSVM, TSVT)

* Applies to current *Tapered Screw-Vent* Implant users, proficient in all surgical and restorative protocols.