



Azure Tapered Bone Level
Implant System

azure[™]
A ZimVie Brand

Azure Tapered Bone Level Surgical Kit

gZURU^{MT}



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Azure TBL

Implant System Overview

This surgical manual provides a system overview and surgical procedures for the Azure Tapered Bone Level Implant.

Before using products in the Azure Tapered Bone Level (TBL) System, the operating surgeon/practitioner in charge should carefully study the Instructions for Use, including indications, contraindications, recommendations, and warnings, become familiar with the scope of the system shown in the catalog, learn all other product-specific information and procedures in this manual, and fully comply with them. Intended users are licensed dental surgeons or practitioners experienced in dental implant placement and related techniques.

The completion of appropriate user-training courses is recommended.



Azure Tapered Bone-Level Implants

Available in the following sizes:
Body diameters: 3.3, 4.1, and 4.8 mmD
Lengths: 8, 10, 12, 14, and 16 mmL

The manufacturer, the importer, and the suppliers of the Azure Tapered Bone Level Implant System are not liable for complications, injuries, the need for replacement procedures, implant failures, other negative effects or damages that might occur for reasons such as incorrect indications or surgical technique, unsuitable choice of material or handling thereof, unsuitable use or handling of the instruments, use of expired products, patient anatomy, overloading, asepsis, and so on.

The operating surgeon is responsible for any such complications or other consequences. It is also the operating surgeon's responsibility to properly instruct and inform the patient on the functions, handling, and necessary care of the product and on all known product and procedure risks.



NOTE: For additional information, including contraindications, precautions, and warnings, please consult the Instructions for Use at azuredental.com/ifu, or scan the QR code.

Indications for use

Azure Tapered Bone Level Implants are intended for use in the upper or lower jaw in patients who are partially or completely edentulous. They are designed to support single and multi-unit restorations as well as to retain overdentures.

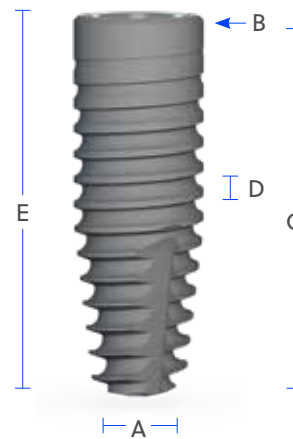
Azure Tapered Bone Level Implants can be used for immediate or delayed loading techniques. Immediate loading is only recommended when adequate primary stability is achieved.

The 3.3 mm diameter implants are intended for use in reduced inter-dental spaces, where there is not enough alveolar bone for a larger diameter implant. The use of 3.3 mm diameter implants in posterior rehabilitation is not recommended, and should only be used in the molar region if splinted. Larger diameter implants are intended for both upper and lower jaw rehabilitations for functional and aesthetic rehabilitation in partially or totally edentulous patients.

Implant specifications

The Azure Tapered Bone Level Implant is made of Grade 4 cold-worked titanium, with a coronal machined bevel followed by a sand-blasted and acid-etched (SLA) surface texture along the full length of the implant (Sa ≥ 1.1 μm; Sdr ≥ 30%; Sz > 8 μm).

The tapered and self-tapping implant geometry are designed to achieve high primary stability in all bone types when following the prescribed drilling protocol.



Diameter	Platform	Length	A Tip Diameter	B Collar Height	C Thread Height	D Thread Pitch	E Total Length
3.3	NC	8	2.05	0.15	7.7	0.8	8
3.3		10	1.82	0.15	8.9	0.8	10
3.3		12	1.82	0.15	11.6	0.8	12
3.3		14	1.92	0.15	13.1	0.8	14
3.3		16	1.81	0.15	15.5	0.8	16
4.1	RC	8	2.55	0.15	7.7	0.8	8
4.1		10	3.00	0.15	8.9	0.8	10
4.1		12	3.00	0.15	11.6	0.8	12
4.1		14	2.71	0.15	13.1	0.8	14
4.1		16	2.71	0.15	15.5	0.8	16
4.8	RC	8	3.76	0.15	7.85	0.8	8
4.8		10	2.37	0.15	9.4	0.8	10
4.8		12	2.89	0.15	11.6	0.8	12
4.8		14	3.25	0.15	13.4	0.8	14
4.8		16	3.04	0.15	15.3	0.8	16

*Numerical values in millimeters

NOTE: Images shown throughout this manual are representational in nature and may not be to scale or display the exact geometry or color of the actual components.

Azure TBL

Conical Cross Connection

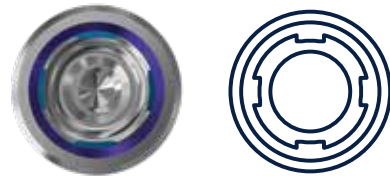
Implant system

The Azure Tapered Bone Level Implant is compatible with Azure SBL-Conical Abutments, incorporating platform switching with crestal bone preservation.

Azure SBL-Conical Abutments feature the Conical Cross Connection, with internal 15° conical interface and four internal grooves to guide seating, provide stability, and reduce the chances of screw loosening. The Conical Cross Connection is designed to provide a seal against microleakage, a strategy to minimize bone loss.¹

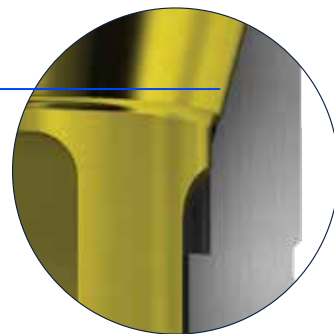
Platform Switching

for crestal bone preservation



Conical Cross Connection

is compatible with Azure SBL-Conical Abutments (symbol shown above, right)



15° Conical Interface

to seal out microorganisms

Four Seating Grooves

for guided seating and stability






Azure TBL Color Coding

Color coding on the Azure Tapered Bone Level Surgical Kit helps guide the user in following the surgical sequences for each implant diameter:

- Ø3.3 mm - yellow**
- Ø4.1 mm - red**
- Ø4.8 mm - green**

The 3.3 mmD Azure Tapered Bone Level Implants feature the NC Azure SBL-Conical Cross Connection (yellow). Both the 4.1 mmD and 4.8 mmD implants have the RC connection (red).

Surgical	Implant and Platform Diameter	Ø3.3 mm	Ø4.1 mm	Ø4.8 mm
Restorative	SBL-Conical Connection	 NC	 RC	 RC

Azure TBL

Cleaning, Sterilization, and Reusability Guidelines

For detailed cleaning and sterilization instructions, refer to the “Instructions for Use” (IFU) for the Azure Tapered Bone Level Implant System at www.azure dental.com/ifu. Please consult all package labeling for initial product sterility status.

Sterile products

Products supplied in sterile condition have been sterilized by irradiation and are intended for single use. Sterile products must not be re-sterilized or reused under any circumstances. No responsibility will be accepted for re-sterilized implants, regardless of who performed the re-sterilization or what method was used.

Non-sterile products

Single-use components

Single-use prosthetic and other components labeled non-sterile should be sterilized before use. The recommended method for single-use prosthetic components is steam autoclave treatment – gravity displacement at **121° C for 30 minutes, drying 30 minutes** (according to ISO 17665-1 and ISO/TS 17665-2). Wait for the complete end of the drying cycle.

Reusable instruments

Reusable instruments and Surgical Trays should be cleaned and sterilized before each use. It is recommended to use the Surgical Tray for organizing instruments and components during cleaning/sterilization and during implant/prosthetic procedures.

The recommended sterilization method is the Fractioned Vacuum process (pre-vacuum steam) for **at least 3 minutes at 132°C (270°F) up to 134°C (273°F), drying time 20 minutes**. The use of sterilization tokens is recommended, recording date and expiration date, in addition to periodic controls of the sterilization process by means of biological indicators.

Inspect reusable devices prior to each reuse and after sterilization to ensure that the integrity and performance of the product is maintained. Check the product for visible wear, deformation, or corrosion. Products showing these signs should be discarded.

NOTE: The Azure Torque Indicating Ratchet should follow its own specific Azure Torque Indicating Ratchet [ASTBL-TIR] Instructions for Use (IFU) also at www.azure dental.com/ifu.

Manual cleaning and disinfection tips for non-sterile and reusable products

Prior to sterilization, cleaning and disinfection are essential. Manual cleaning and disinfection tips:

- 1** Never place instruments of different types of materials together.
- 2** Brush and rinse with water the excess dirt and particles on the entire surface of the instruments for 25 to 35 seconds. Do not use metallic brushes to remove impurities.
- 3** Use disposable syringes for cleaning instrument cavities.
- 4** Immerse the instruments in a disinfectant bath suitable for dental material.
When selecting detergents and disinfectants, make sure that they are products intended for this purpose and always follow the manufacturer's instructions.
- 5** Do not use solutions containing ammonia, hydrogen-peroxide, or acidic substances.
These substances can damage the surface coating of the drills.
- 6** Rinse thoroughly with water after application of the disinfectant.
- 7** When cleaning the surgical tray, remove silicone holders carefully out of the cavity. Always use mild detergents even if cleaning is done using ultrasonic equipment.
Dry the boxes with a soft cloth. Do not use abrasive sponges or metal parts that might damage the surface of the box.

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Surgical Kit and Procedures

The Azure Tapered Bone Level Surgical Kit is designed to be intuitive and user-friendly. Visual indications and color coding are easy to follow.

The complete kit configuration contains the basic instrumentation and drills required to place all diameters in all bone types.

Surgical protocols

Indicated for ALL bone types

Start the drilling protocol from the **arrow at left** and begin the drilling sequence with the optional 1.6 mmD needle drill or initial 2.2 mmD drill and continue using drills indicated by colored circles for the appropriate implant diameter and bone type.

- Flush silicone insert grommets are easy to clean
- Extra grommets allow for customization with additional instrumentation and drill lengths
- Optional drills and instruments in a shorter configuration are also available

[Intuitive and user-friendly
color-coded Surgical Kit]



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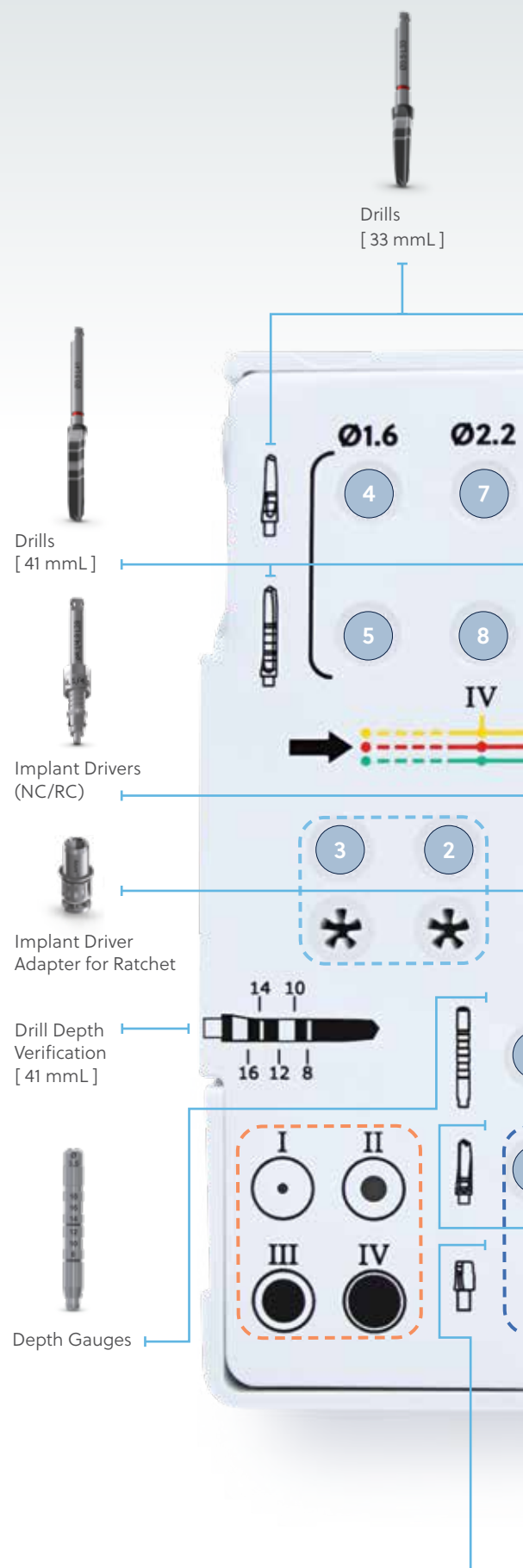
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Azure TBL Surgical Kit components

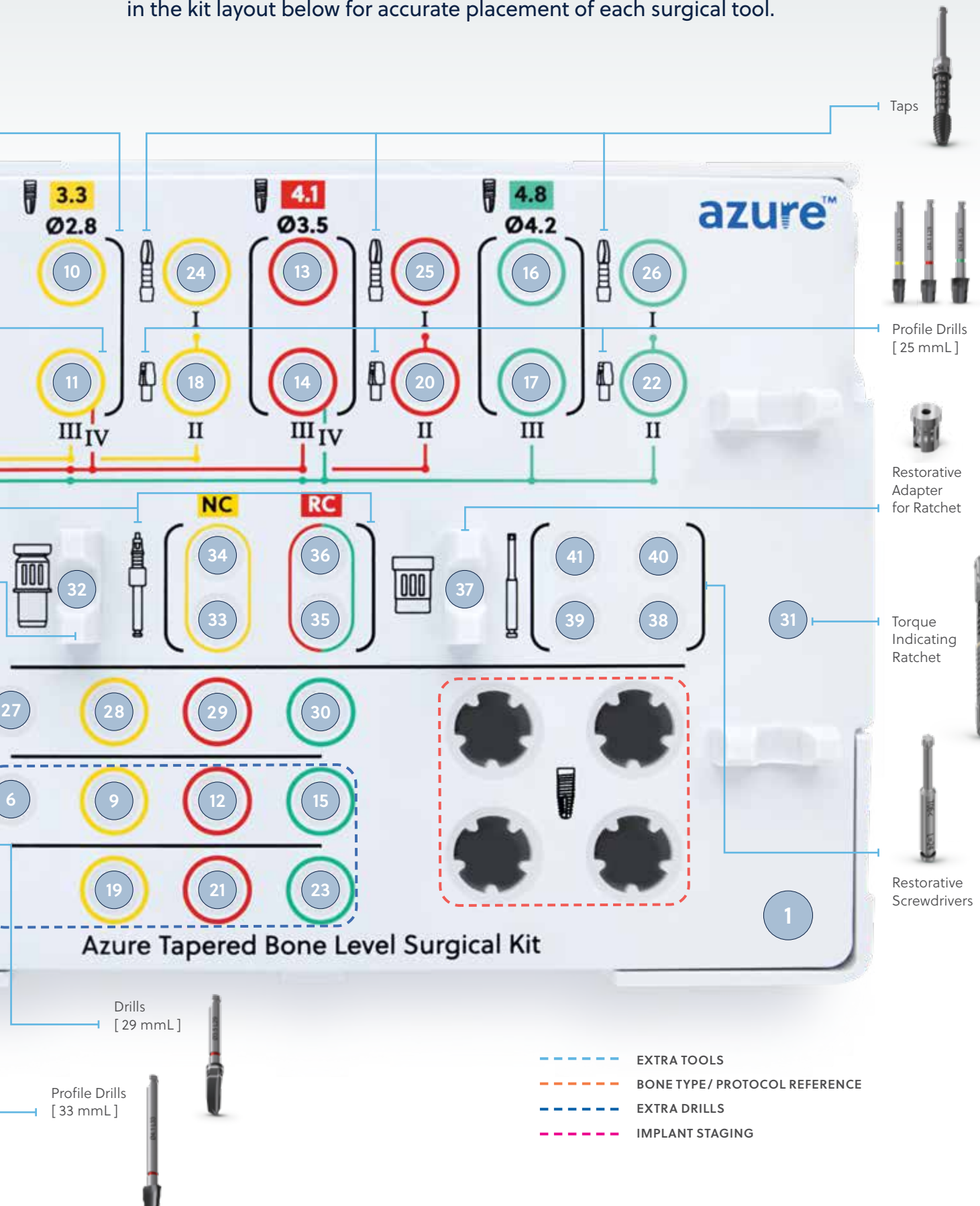
KIT KEY	DESCRIPTION	ITEM NO.	ASTBL-SURKIT
1	Surgical Tray, Empty	ASTBL-SURTRAY	•
2	Round Bur Ø2.0 mm	1203G	
3	Drill Extender	DEG	
4	Needle Drill, Ø1.6 x 33 mm	ASTBL-ND1633	
5	Needle Drill, Ø1.6 x 41 mm	ASTBL-ND1641	•
6	Pilot Drill, Ø2.2 x 29 mm	ASTBL-PID2229	
7	Pilot Drill, Ø2.2 x 33 mm	ASTBL-PID2233	•
8	Pilot Drill, Ø2.2 x 41 mm	ASTBL-PID2241	•
9	Drill, Ø2.8 x 29 mm	ASTBL-D2829	
10	Drill, Ø2.8 x 33 mm	ASTBL-D2833	•
11	Drill, Ø2.8 x 41 mm	ASTBL-D2841	•
12	Drill, Ø3.5 x 29 mm	ASTBL-D3529	
13	Drill, Ø3.5 x 33 mm	ASTBL-D3533	•
14	Drill, Ø3.5 x 41 mm	ASTBL-D3541	•
15	Drill, Ø4.2 x 29 mm	ASTBL-D4229	
16	Drill, Ø4.2 x 33 mm	ASTBL-D4233	•
17	Drill, Ø4.2 x 41 mm	ASTBL-D4241	•
18	Profile Drill, Ø3.3 x 25 mm	ASTBL-PRD3325	•
19	Profile Drill, Ø3.3 x 33 mm	ASTBL-PRD3333	
20	Profile Drill, Ø4.1 x 25 mm	ASTBL-PRD4125	•
21	Profile Drill, Ø4.1 x 33 mm	ASTBL-PRD4133	
22	Profile Drill, Ø4.8 x 25 mm	ASTBL-PRD4825	•
23	Profile Drill, Ø4.8 x 33 mm	ASTBL-PRD4833	
24	Tap NC, Ø3.3 x 25 mm	ASTBL-TAP33	•
25	Tap RC, Ø4.1 x 25 mm	ASTBL-TAP41	•
26	Tap RC, Ø4.8 x 25 mm	ASTBL-TAP48	•
27	Depth Gauge, Ø2.2 x 27 mm	ASTBL-DG22	•
28	Depth Gauge, Ø2.8 x 27 mm	ASTBL-DG28	•
29	Depth Gauge, Ø3.5 x 27 mm	ASTBL-DG35	•
30	Depth Gauge, Ø4.2 x 27 mm	ASTBL-DG42	•
31	Torque Indicating Ratchet	ASTBL-TIR	•
32	Implant Driver Adapter for Ratchet	ASTBL-IDA	•
33	Implant Driver NC, Ø3.3 x 28 mm	ASTBL-IDNC3328	•
34	Implant Driver NC, Ø3.3 x 37 mm	ASTBL-IDNC3337	•
35	Implant Driver RC, Ø4.1 x 28 mm	ASTBL-IDRC428	•
36	Implant Driver RC, Ø4.1 x 37 mm	ASTBL-IDRC437	•
37	Restorative Adapter for Ratchet	ASTBL-RA	•
38	Restorative Screwdriver, 20 mm	ARA-DT20TC06	
39	Restorative Screwdriver, 24 mm	ARA-DT24TC06	•
40	Restorative Screwdriver, 30 mm	ARA-DT30TC06	
41	Restorative Screwdriver, 35 mm	ARA-DT35TC06	•

Note: Items with the blue dot are included in the complete kit configuration. Part Number ASTBL-SURKIT is for ordering purposes only. Kit parts are invoiced separately.



Surgical Kit layout

Follow the numeric key in the table, then locate the corresponding numbers in the kit layout below for accurate placement of each surgical tool.



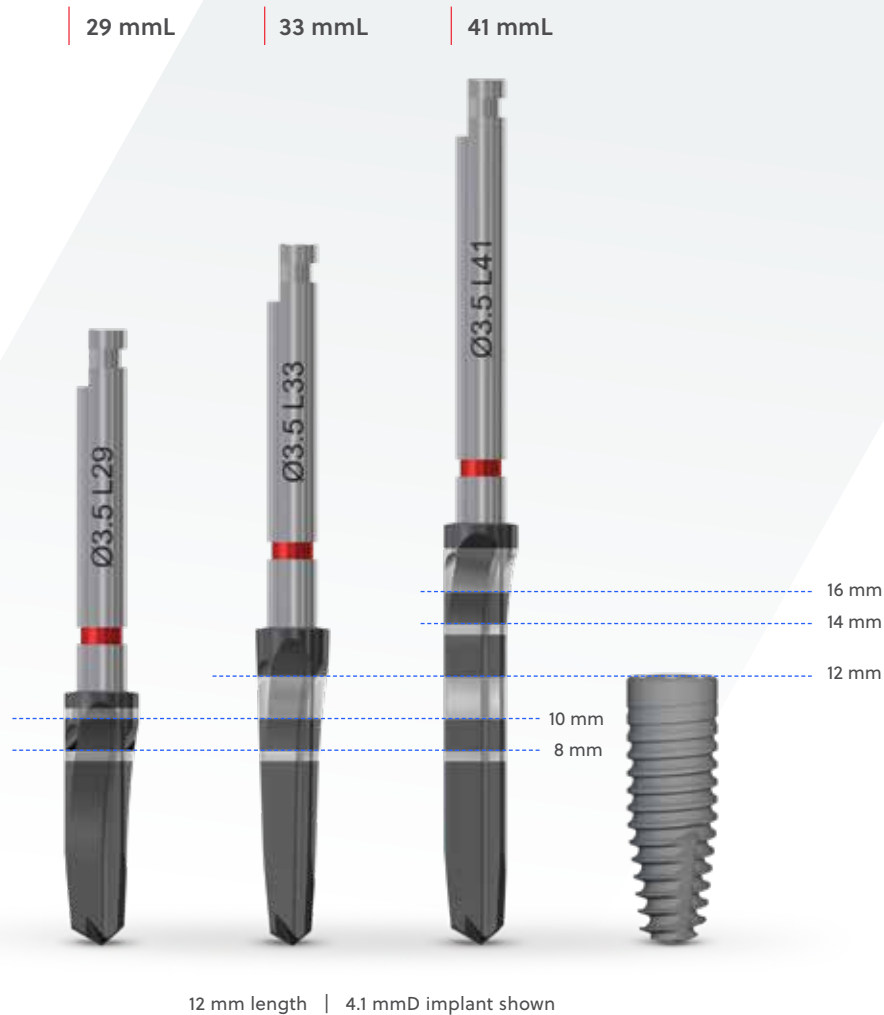
Drilling Depth Guidelines

Drills in the Azure Tapered Bone Level Implant System are made of stainless steel with a diamond-like carbon coating (DLC), and have etched markings to guide drilling depth in 2 mm intervals.

- The **29 mmL drills** have markings for 8 mm and 10 mm implant placement depth lengths.
- The **33 mmL drills** have markings for 8 mm, 10 mm, and 12 mm implant placement depth lengths.*
- The **41 mmL drills** have markings for 8 mm, 10 mm, 12 mm, 14 mm, and 16 mm implant placement depth lengths.*

* 33 and 41 mmL drills are included in the complete kit configuration, additional 29 mmL drill offered separately.

For drilling depth accuracy, drill to the top or bottom of laser marking line, according to the illustration below for equivalent implant length.



NOTE: Needle Drills and Round Bur are available as optional starter drills and may be utilized prior to the initial 2.2 mm pilot drill in each drilling sequence.

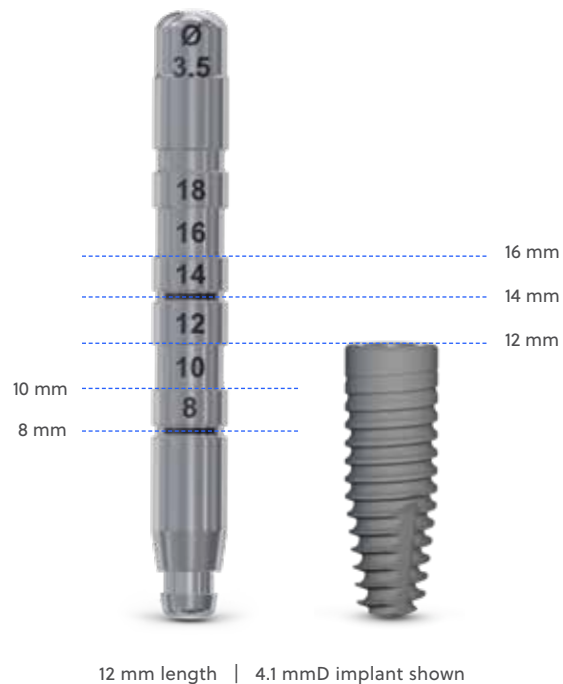
Depth Gauges

Accurate depth verification

Depth Gauges are used during the surgical sequence to verify drilling depth. The depth markings and notches or steps, located directly below the etched number on the Depth Gauge are used to indicate the drilling depth achieved in comparison to the corresponding implant length.

The illustration below demonstrates how to interpret the markings.

Depth Gauges in the Azure Tapered Bone Level Implant System are available in 2.2 mm, 2.8 mm, 3.5 mm, and 4.2 mm diameters. All four sizes come in 27 mm lengths.



NOTE: The 2.2 mm diameter Depth Gauge may also be used to check implant axis orientation early in the protocol. The Depth Gauge should be free of bone chips or foreign material, etc., prior to utilizing to obtain accurate depth verification.

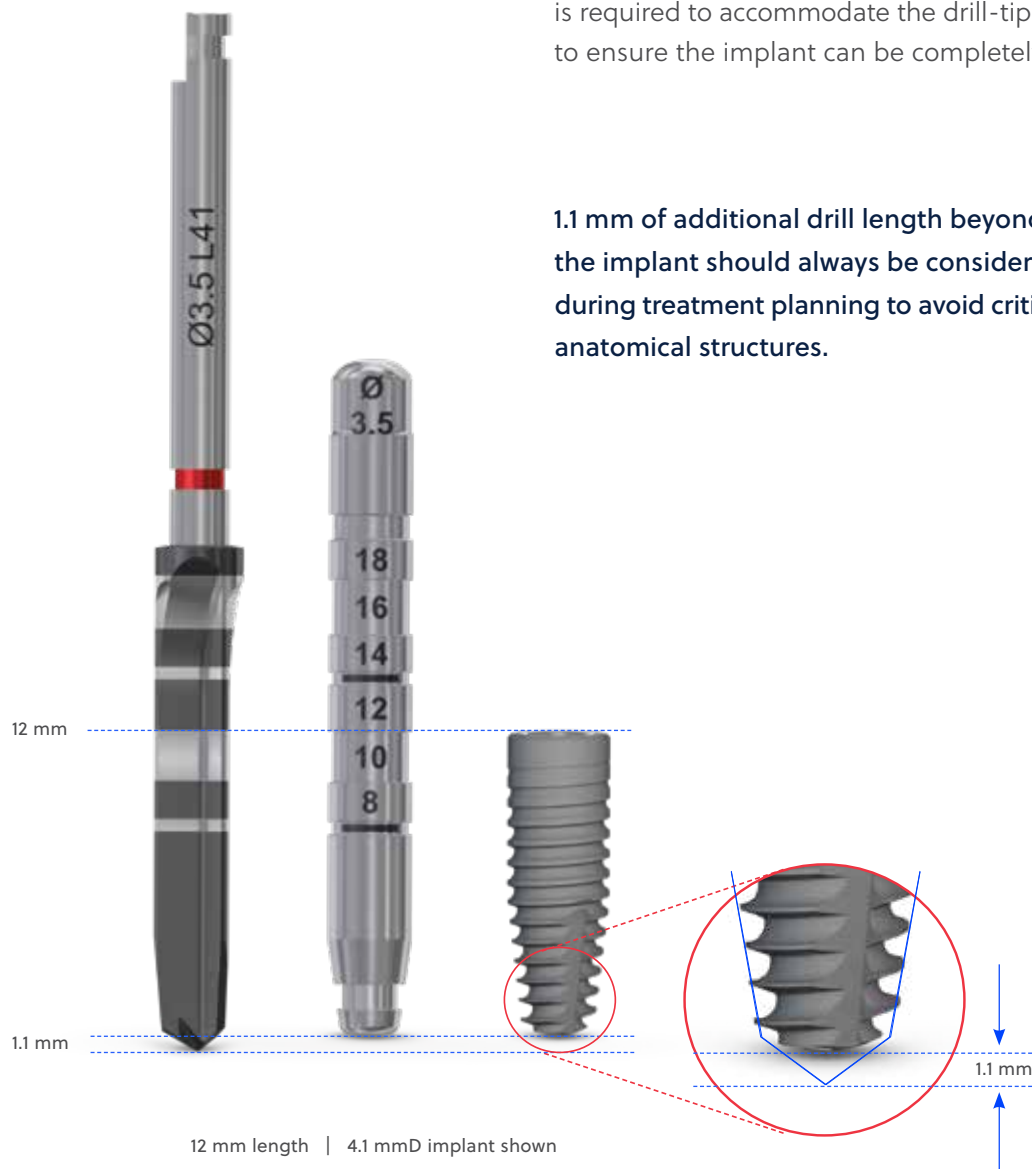
Drilling Depth Guidelines (cont'd)

Depth accuracy

Additional drill length

The laser lines indicating recommended drilling depth are up to 1.1 mm in excess of the implant length being placed. This additional drill length is required to accommodate the drill-tip and helps to ensure the implant can be completely seated.

1.1 mm of additional drill length beyond the implant should always be considered during treatment planning to avoid critical anatomical structures.



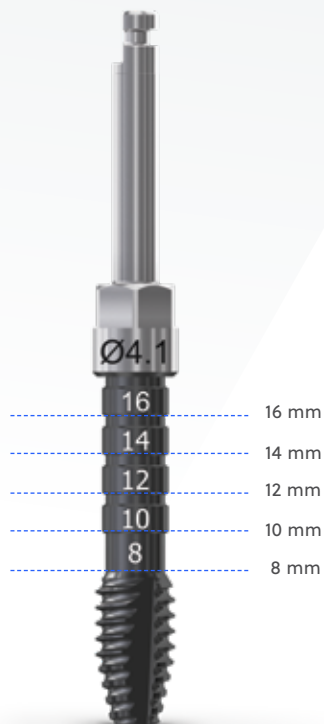
Profile Drills

Profile Drills are used to shape the coronal part of implant osteotomy to widen the cortical plate. Profile Drills are recommended for very hard and hard bone (Types I and II).

The drill should be placed to a depth, stopping at the edge of the outer rim of the profile drill at bone level, as shown.



12 mm length | 4.1 mmD implant shown



Taps

Depth markings for the Taps are indicated by score and number located on the taps.

Taps are recommend for Type I bone. They should be used to a depth just below the number of implant depth being placed.

Drilling Protocols



Drilling Protocols

Osteotomy preparation guidelines for all four bone types

- Drills are used with external irrigation.
 - Use an in-and-out motion for a few seconds without stopping the handpiece motor rotation. This will promote irrigation flushing away debris. Proceed until desired depth reference line is achieved.
 - Differing straight drills serve as the final drills for Types III and IV bone.
 - The Profile Drill is the final drill in Type II bone and may also be used at the clinician's discretion to widen the cortical plate in Types III and IV bone.
 - The Tap and Profile Drill are recommended in Type I bone.
 - Drills should be used for no more than 20 uses.
- NOTE:** Maximum RPM drilling speeds are shown in the drilling sequence tables (pages 18-20).
- Please also reference the IFU for additional information.

Various drill lengths and starter drill options available

Further information on use of the various drill types, Depth Gauges, and Taps are found in this manual on pages 10-15.

Additional drills and instruments listed in the table below are not included in the complete kit configuration and are available to supplement the Surgical Kit optionally.

Description	Dimensions	Item Number
Round Bur	Ø2.0 mm	1203G
Drill Extender	–	DEG
Needle Drill	Ø1.6 mm x 33 mm	ASTBL-ND1633
Pilot Drill	Ø2.2 mm x 29 mm	ASTBL-PID2229
Drill	Ø2.8 mm x 29 mm	ASTBL-D2829
Drill	Ø3.5 mm x 29 mm	ASTBL-D3529
Drill	Ø4.2 mm x 29 mm	ASTBL-D4229
Profile Drill	Ø3.3 mm x 33 mm	ASTBL-PRD3333
Profile Drill	Ø4.1 mm x 33 mm	ASTBL-PRD4133
Profile Drill	Ø4.8 mm x 33 mm	ASTBL-PRD4833



33 mm and 41 mm length, needle drills

3.3 mm Protocol



Ø3.3 mm Drilling Sequence

Drill/Tap Diameter	Ø2.2*	Ø2.8	Ø3.3 Profile	Ø3.3 Tap
Max RPM	800	600	300	15
Type IV: Very Soft	●	○	○	-
Type III: Soft	●	●	○	-
Type II: Hard	●	●	●	-
Type I: Very Hard	●	●	●	●

○ In types III and IV bone, when a dense cortical plate exists, optional additional drills may be used as needed at the clinician's discretion.

● Fully colored circles indicate recommended surgical protocol.

*The Ø2.2 mm drills have a blue stripe. On the Surgical Kit, no color coding is indicated.

NOTE: 33 mm length pilot and straight drills shown as reference length in the three drilling sequences.

4.1 mm Protocol



Ø4.1 mm Drilling Sequence					
Drill/Tap Diameter	Ø2.2*	Ø2.8	Ø3.5	Ø4.1 Profile	Ø4.1 Tap
Max RPM	800	600	500	300	15
Type IV: Very Soft	●	●	○	○	-
Type III: Soft	●	●	●	○	-
Type II: Hard	●	●	●	●	-
Type I: Very Hard	●	●	●	●	●

○ In types III and IV bone, when a dense cortical plate exists, optional additional drills may be used as needed at the clinician's discretion.

● Fully colored circles indicate recommended surgical protocol.

*The Ø2.2 mm drills have a blue stripe. On the Surgical Kit, no color coding is indicated.



4.8 mm Protocol



Ø4.8 mm Drilling Sequence

Drill/Tap Diameter	Ø2.2*	Ø2.8	Ø3.5	Ø4.2	Ø4.8 Profile	Ø4.8 Tap
Max RPM	800	600	500	400	300	15
Type IV: Very Soft	●	●	●	○	○	-
Type III: Soft	●	●	●	●	○	-
Type II: Hard	●	●	●	●	●	-
Type I: Very Hard	●	●	●	●	●	●

○ In types III and IV bone, when a dense cortical plate exists, optional additional drills may be used as needed at the clinician's discretion.

● Fully colored circles indicate recommended surgical protocol.

*The Ø2.2 mm drills have a blue stripe. On the Surgical Kit, no color coding is indicated.



Implant Placement

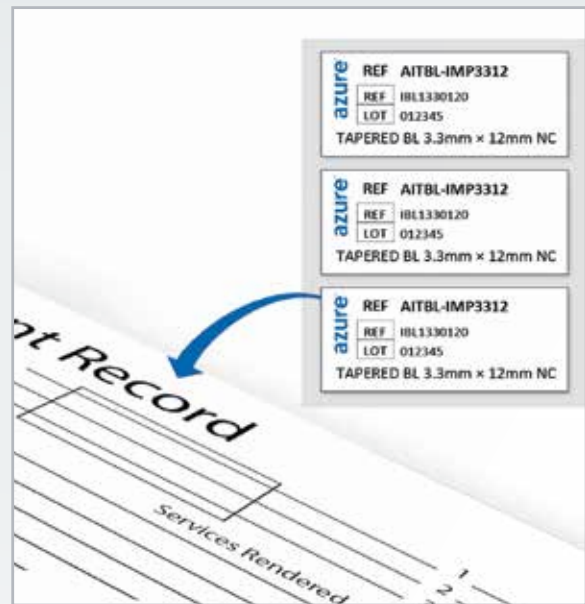
Implant Placement

Azure Tapered Bone Level Implants can be placed with a motor handpiece or manually.

The following instructions are the steps needed to remove the implant from the packaging and for picking up the implant for placement with the driver.

Removing implant from packaging

- Remove the implant package with vial from the box.
- Locate the patient record labels in the implant package for adherence to the patient's chart.
- Peel open the packaging cover to reveal the sterile contents.
- Turn the packaging over to drop the sterile inner vial onto a sterile field.



Implant Placement (cont'd)

Azure Tapered Bone Level Implants

- With a gloved hand, twist and pull up to remove the vial cap to expose the implant.



Vial in tray

- Place the implant vial into one of the four implant vial holder slots in the surgical tray.



Seating the implant

- Hold the vial between fingers and push down into slot until each vial has been firmly seated. The bottom of the vial will seat deeply inside the surgical tray.



Scan QR Code
to follow along
step-by-step.

Watch Video!

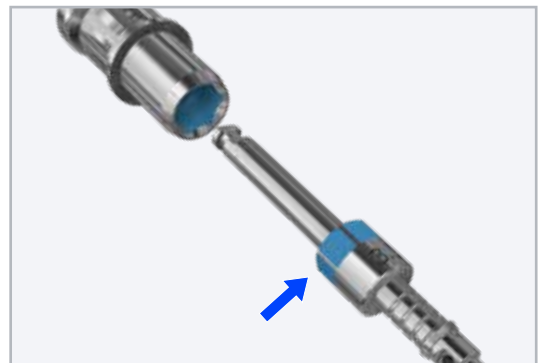
Implant Placement (cont'd)

Azure Tapered Bone Level Implants

Manual transfer of the implant

- Combine the chosen length and NC or RC Latchlock Implant Driver [ASTBL-IDNC 3328, ASTBL-IDNC3337 or ASTBL-IDRC428, ASTBL-IDRC437] with the Implant Driver Adapter [ASTBL-IDA], for manual transfer of the implant to the surgical site.
- Ensure the external hex on the Driver Tip (*indicted by the arrow at right*) seats fully to the internal hex of the Implant Driver Adapter. This step ensures adequate strength for implant seating.
- This assembly creates the versatile **Azure Implant Transporter** that may be used manually, with the Torque Indicating Ratchet [ASTBL-TIR], or with a contra-angle handpiece to pick up the implant from the vial.
- Ensure the Azure TBL Transporter Driver Tip is adequately engaged with the implant **prior** to lifting from the vial.

NOTE: Slight rotation or downward movement of the Driver Tip may be needed to thoroughly engage the implant with confident retention.



Implant Placement (cont'd)

Azure Tapered Bone Level Implants

- Carry the implant to the receptor site.
- Initiate seating of the implant in the osteotomy by hand.



Manual implant seating

- Connect the Torque Indicating Ratchet [ASTBL-TIR] to the Implant Transporter assembly to complete implant placement with the appropriate torque.

NOTE: Maintain sufficient finger pressure as shown during implant seating.



Implant placement torque exceeding 35 Ncm is not recommended. If an insertion torque of 35 Ncm is reached before implant is at final position, verify that implant osteotomy site is prepared correctly before proceeding. Tapping the site prior to implant placement will help lower the insertion torque. The implant drivers should never exceed 70 Ncm torque. DO NOT use implant drivers more than 20 uses and inspect frequently for signs of wear.

Implant Placement (cont'd)

Azure Tapered Bone Level Implants

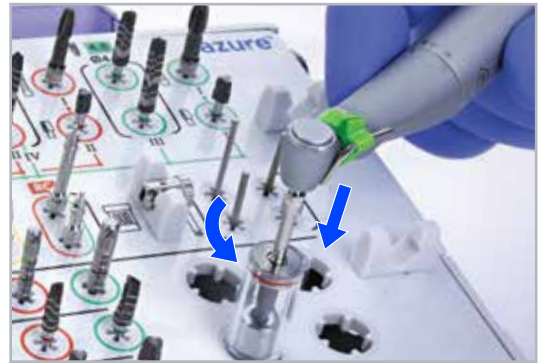
Implant pick-up and placement with motor handpiece

- Combine the chosen Latchlock Implant Driver Tip [ASTBL-IDNC3328, ASTBL-IDNC3337 or ASTBL-IDRC428, ASTBL-IDRC437] with the handpiece to pick up the implant from the vial.
- Ensure the Driver Tip is adequately engaged with the implant prior to lifting the implant from the vial.

NOTE: Slight rotation or movement of the Driver Tip may be needed to thoroughly engage the implant.

- Conduct placement of the implant at 15 RPM with the handpiece once the implant is securely engaged.

NOTE: The implant can be picked-up and initially placed manually and completed with the handpiece, or vice-versa, depending on clinician preference.



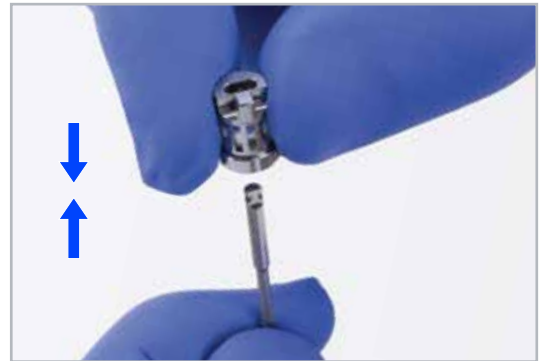
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Implant Healing

Seat a cover screw, healing abutment, temporary restoration, or multi-unit abutment with corresponding Cover Cap onto the implant, depending on the selected healing method and appropriate loading protocol. Please see the **Azure Tapered Bone Level Implant Catalog [ZVINST0201]**, for a comprehensive range of healing and restorative options. For non-sterile components, follow cleaning and sterilization guidelines found on page 6 of this manual and the Instructions for Use.

Cover screw or healing abutment seating

- Combine the Restorative Adapter for Ratchet [ASTBL-RA] to the latchlock end of the appropriate TORX® Restorative Screwdriver ARA-DT20TC06, ARA-DT24TC06, ARA-DT30TC06, ARA-DT35TC06], which is available in four different lengths.



Securing the implant

- Engage to secure with either the:
 - cover screw, or
 - healing abutment with the Screwdriver Tip.
- Carry the cover screw or healing abutment to the implant site.
- Finger tighten securely to the implant to prevent loosening during the healing phase.






































Appropriate torque setting



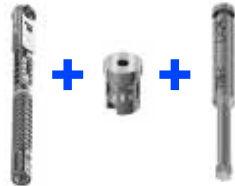










- Connect the Restorative Adapter [ASTBL-RA] to the Torque Indicating Ratchet [ASTBL-TIR] and tighten to the appropriate torque for abutments requiring seating at a specified torque.



Azure™ TBL Restorative Reference Guide

Restorative Category	Abutment/Component	Connection Type	Replace-ment Screw Type	Screw Included	Driver Tip	Rec. Torque (Ncm)	Mode of Use	Gingival Height sizes (mmL)	
Healing Components	Cover Screws	Non-Engaging 	N/A	N/A	 Torx Driver Tip 20 mmL, 24 mmL, 30 mmL, 35 mmL		 Hand tighten with Torx Driver Tip, and Restorative Adapter	N/A	
	Healing Abutment	Non-Engaging Multi-Unit Level* 						Non-Engaging 3.0 mm, 4.0 mm, 5.0 mm	
Impression Transfer	Scan Bodies	Implant Level Multi-Unit Level 		Yes Excluding closed tray-only transfer	Manual tool for Intraoral Scan Bodies 	Hand Tighten	Manual tool supplied with Intraoral Scan Bodies	N/A	
	Traditional Impression Transfer	Implant Level Multi-Unit open/closed 			Slot screw		Place by hand		
Temporary Cylinders	Temporary Cylinders	Non-Engaging Engaging 	ARSBL-STRXTI34 		 Torx Driver Tip	35	 Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	N/A	
		Multi-Unit Level 	ARMU-STRXTI48 						
Digital Components	Titanium Ti-Bases (Ti-Base-T)	Non-Engaging Engaging 	ARSBL-STRXTI34 	Yes	 Torx Ball Driver Tip 20 mmL, 24 mmL, 30 mmL, 35 mmL	35	 Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	Engaging/ Non-Engaging 1.2 mm, 2.0 mm, 3.0 mm	
		Multi-Unit Level 	ARMU-STRXTI48 						
	Angled Screw Channel Ti-Bases (Ti-Base-A)	Non-Engaging Engaging 	ARSBL-STRXTITA34 		Yes	 Torx Ball Driver Tip 20 mmL, 24 mmL, 30 mmL, 35 mmL	35	 Tighten with Torque Indicating Ratchet, Torx Ball Driver Tip, and Restorative Adapter	N/A
		Multi-Unit Level 	ARMU-STRXTI48 						
	CEREC®- Compatible Ti-Bases (Ti-Base-C)	Non-Engaging Engaging 	ARSBL-STRXTI34 		Yes	 Torx Driver Tip	35	 Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	Engaging / Non-Engaging 0.7 mm, 3.0 mm
Titanium Pre-Milled Blanks	Engaging 								
Cement Retained	Straight Cement- Retained	Engaging 	ARSBL-STRXTI34 	Yes	 Torx Driver Tip	35	 Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	N/A	
	15° Angle Cement- Retained	Engaging 							

Azure™ TBL Restorative Reference Guide (cont'd)

Restorative Category	Abutment/Component	Connection Type	Replacement Screw Type	Screw Included	Driver Tip	Rec. Torque (Ncm)	Mode of Use	Gingival Height sizes (mm)
Screw Retained	Castable Cylinders	Non-Engaging Engaging		Yes		35	 Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	N/A
		Multi-Unit Level						
	Cobalt Chrome Castable Cylinders	Non-Engaging Engaging	ARSBL-STRXTI34	Yes	Torx Driver Tip	35	Tighten with Torque Indicating Ratchet, Torx Driver Tip, and Restorative Adapter	
		Multi-Unit Level						
	Castable Cylinders for Ti-Base-T	Non-Engaging Engaging	N/A	N/A	N/A	N/A	Used with the appropriate Ti-Base abutment	
Multi-Unit Level								
Castable Cylinders for Ti-Base-A	Non-Engaging, Engaging, and Multi-Unit Level	N/A	N/A	N/A	N/A	Used with the appropriate Ti-Base abutment		
Multi-Unit Abutments	Engaging	N/A	ARSBL-STRXTI34	Yes	 ARA-MUAD48	35 Abutment	 Tighten with Torque Indicating Ratchet, Restorative Adapter, and Driver Tip	
	 	N/A			Torx Driver Tip	15 Prosthetic		
Analog	Digital Analog		1.27 mm Hex retention screw	N/A	 Hex Driver (1.27 mm hex)	Hand tighten	Hand Tighten with Hex Driver	N/A
	Stone Analog		N/A	N/A	N/A	N/A	N/A	
Overdenture	OverdenSURE Attachments	Non-Engaging	N/A	N/A	 ODS-AD7ST, or	35	 Tighten with Torque Indicating Ratchet and ODS Adapter (ODS-AD7ST)	NC: 2.0 mm, 3.0 mm, 4.0 mm
		Multi-Unit Level			 ODS-DRVR			

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References:

¹ Zipprich H, Miatke S, Hmaidouch R, Lauer HC. A new experimental design for bacterial microleakage investigation at the implant-abutment interface: an in vitro study. *Int J Oral Maxillofac Implants* 2016;31(1):37-44.

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