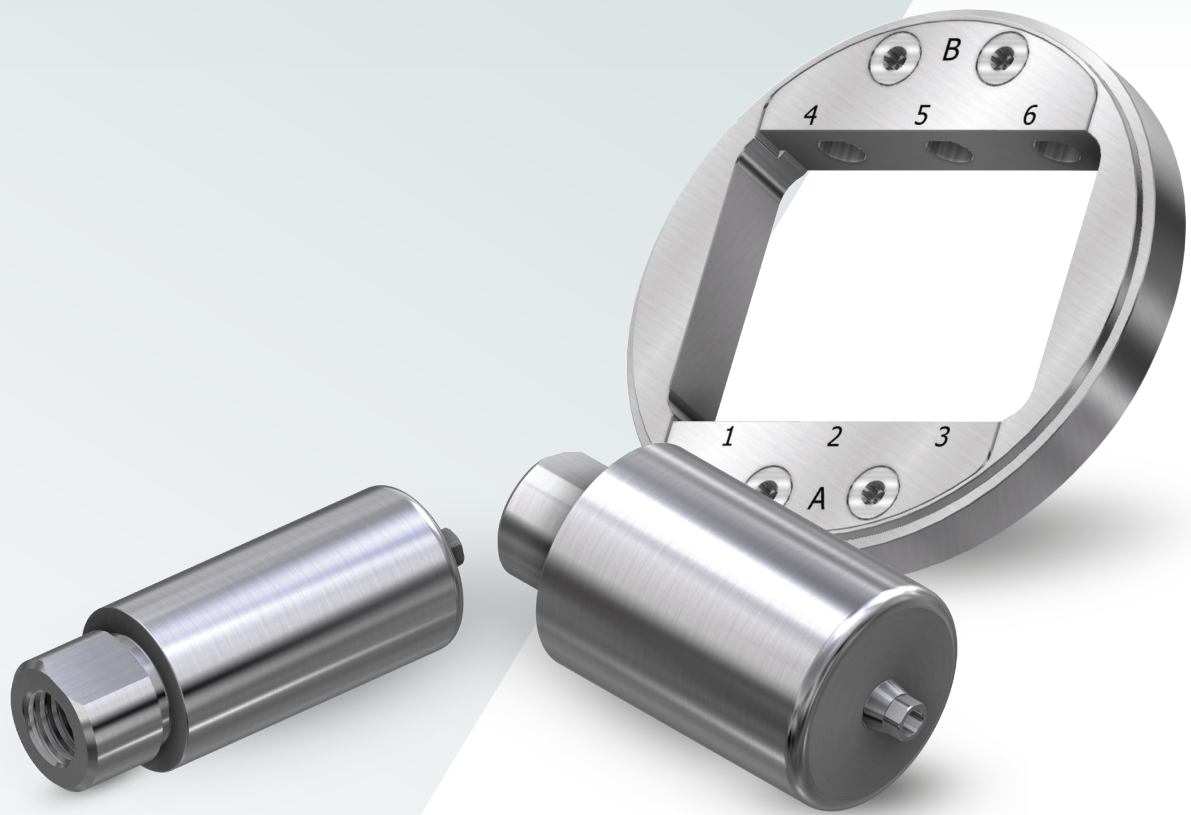


# Azure™ Milling

Multi-Platform Prosthetic Solutions



***Your Connection  
for Every Connection***

**azure™**



## Introducing Azure Pre-Milled Blanks and Blank Holders.

Azure multi-platform milling solutions offers a robust portfolio of pre-milled titanium blanks and blank holders to support your in-house production needs.

Azure Pre-Milled Blanks are offered for over 25 of the industry's leading implant systems, are manufactured from Titanium Grade V ELI (grade 23), and feature precise connection engineering.

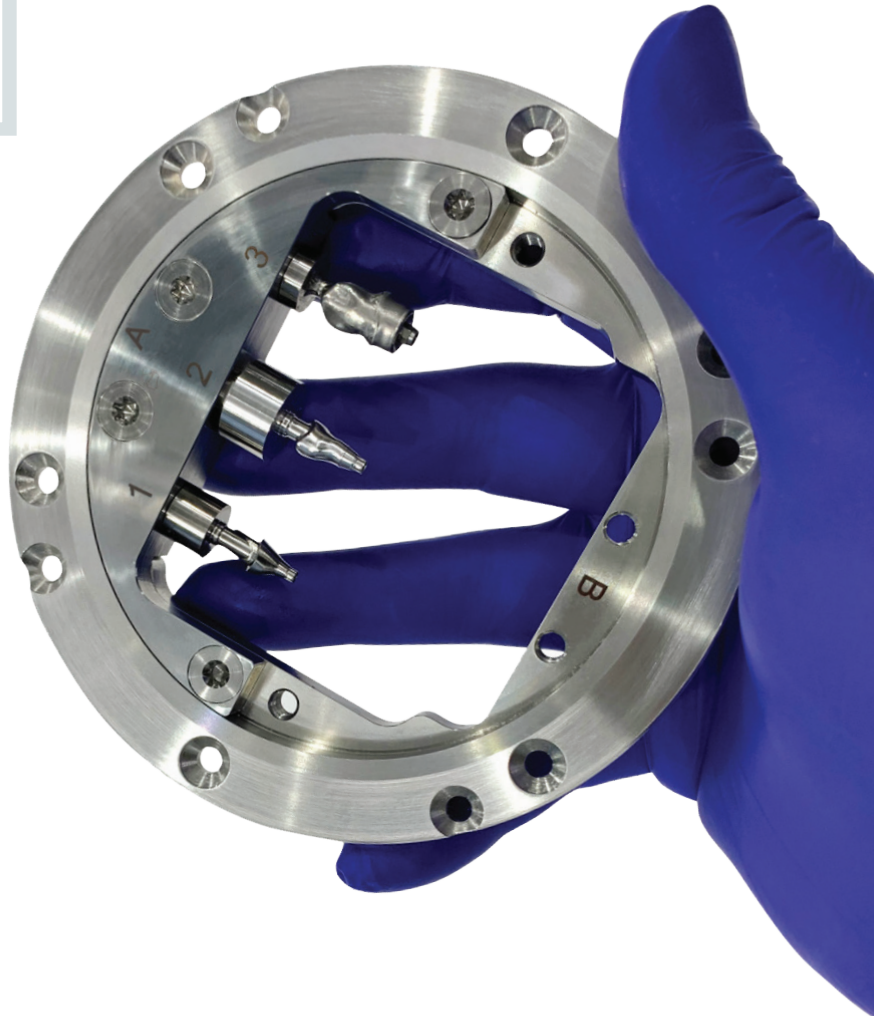
Azure Pre-Milled Blanks and blank holders are designed for precision and stability during the milling process and are compatible with industry leading milling systems.

# Azure™ Pre-Milled Blanks

## Offering control and efficiency

Embracing in-house milling of titanium blanks offers dental laboratories unparalleled control and efficiency. By managing the milling process internally, laboratories can ensure the highest standards of precision and quality, tailoring each piece to specific patient needs without the constraints of third-party specifications, or extended timelines.

Azure Milling Solutions  
helps you take charge.



# Azure Pre-Milled Blanks

## Features and Benefits

- **Titanium Grade V ELI** for improved bio-compatibility and mechanical properties
- Available in 10 mm or 14 mm diameters for **versatility** in restorative procedures
- A harmonized millable length of 20 mm, one of the **longest in the market**, provides:
  - Design versatility, allowing a **wider range of designs** and customizations
  - **Cost-effectiveness** and efficiency
  - Consistent definition of the zero point for more accurate results





Azure Pre-Milled Blank holding system provides:

- **Strong positioning** that holds the blank firmly in place
- **Precise alignment** with the milling equipment
- **Efficiency and accuracy** through its ease-of-use and predictability

- **Screw included**
- Minimal gingival transition height, just 0.3 mm to allow a maximum degree of **design freedom**
- Connection precision for **enhanced stability** and fit and a streamlined, more predictable workflow



# Working with Azure Pre-Milled Blanks

Once you have decided to use Azure Pre-milled Blanks and found a holder compatible with your milling machine, there are different approaches to sourcing a holder, dependent on the type of CAM software you are using.

## Holders for Original CAM Software

If you are using the original CAM software from VHF or Imes, you will need to contact the manufacturer or reseller and request a suitable holder. If your supplier is unable to provide you with this, you may well need to pay a "Liberation Fee" to unlock the software and allow you to use an Azure holder.

## Holders for Third Party CAM Software

If you are already using third-party software, there is no limit to using an Azure holder.



# Milling Tool Quick Reference Guide

## Tool

Brand	Model	Tool Diameter
3M-ESPE	Lava CVC 240	3 mm
Amann Girrbach	Ceramill Motion 2 5x, Mikro 5x, Mikro 4x, Mikro IC	3 mm
Charly Dental	CD04-S, CD05-S	3 mm
	CD50	3 mm / 4 mm / 6 mm
Datron	D5	3 mm / 4 mm / 6 mm
	D1	4 mm
Dental Concept Systems	DC5, DC1	6 mm
Dentaswiss	DS2000, DS2100	3 mm
DMG Mori	Ultrasonic 10, Ultrasonic 20	3 mm / 4 mm / 6 mm
DT Digital	Finocam A5, Finocam Ca, Finocam Ca+	3 mm
Ernst Hinrichs	Hinrimill 5, Hinrimill 5.8, Hinrimill T5	3 mm
Euromax Monaco	Opera Easy 5, Opera Expert 5, Opera Pro-Expert 5	3 mm
	Opera Premium	6 mm
Goldquadrat	Quattro Mill Maxi, Quattro Mill Comfort 5x	3 mm
Imes-Icore®	Coritec One, Coritec 140i, Coritec 245i, Coritec 250i	3 mm
	Coritec 350i, Coritec 450i, Coritec 650i, Coritec 750i	6 mm
Jensen	Preciso M305-X, Preciso M205 Mill	3 mm
Mani Schütz Dental	Tizian Cut 5 Dry, Tizian Cut Eco Plus, Tizian Cut 5	3 mm
	Tizian Cut 5.2, Tizian Cut 5.2 Plus	6mm
MB Maschinen	Cobra Mill Desk 5, Cobra Mill 5m, Cobra Mill 48	3 mm
	Cobra Mill 5a1	6 mm
	Cobra Mill 58	3 mm / 4 mm / 6 mm
R+K Organical Cad/Cam	Organical Desktop 7c, Organical Desktop 6	3 mm
Röders	RXD4, RXD5, RXD5C	3 mm / 4 mm / 6 mm
Roland	DWX50, DWX51D	4 mm
Shera	Eco-Mill Dry	3 mm
Straumann®	Cares M-Series	3 mm
VHF	S1, S2, K5	3 mm
Yenadent	D14, D15, D6, D43, Dc40	4 mm, 6 mm
Zirkonzahn®	M1 Wet Heavy Metal, M1 Abutment, M4 Wet Heavy Metal, M5 Heavy Metal, M6 Wet Heavy Metal	6 mm

# Pre-Milled Blank Holders

## ARS-BH

### For standard 98mm disc machines

Compatible with most industrial milling machines that have a rounded 98mm disc holder, including Arum, Dmg, Datron, Haas, Robodrill, and more.

#### *Package includes:*

- Holder (Outer and Inner Holders A&B)
- 5 Screws (4 for the Inner Holders, 1 spare)
- 7 Screws (6 to affix Blanks to the Inner Holder, 1 spare)
- 1 Blue Calibration Blank
- 1 Hex Tool to tighten the screws



## ARI-BH

### For Imes-Icore® machines

Compatible with Coritec 120i Pro, Coritec 245i Touch, Coritec 250i Touch, Coritec 350i, Coritec 350i Loader, Coritec 450i, Coritec 550i, Coritec 650i, and Coritec 650i Loader.

#### *Package includes:*

- Holder (Outer and Inner Holders A&B)
- 5 Screws (4 for the Inner Holders, 1 spare)
- 7 Screws (6 to affix Blanks to the Inner Holder, 1 spare)
- 1 Blue Calibration Blank
- 1 Hex Tool to tighten the screws





## ARVHF-BHS125K5

### For VHF machines

Compatible with VHF S1, VHF S2, VHF K5, and VHF S5 Machines.

#### *Package includes:*

- Holder (Outer and Inner Holders A&B)
- 5 Screws (4 for the Inner Holders, 1 spare)
- 7 Screws (6 to affix Blanks to the Inner Holder, 1 spare)
- 1 Blue Calibration Blank
- 1 Hex Tool to tighten the screws



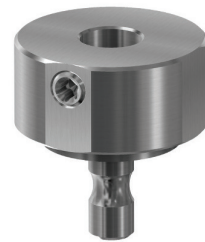
## ARVHF-BHZ4

### For VHF machines

Compatible with VHF® Z4 Machines.

#### *Package includes:*

- Holder
- 3 Screws (1 to affix the Blank to the holder, 2 spares)
- 1 Torx Key Tool (to tighten the Blanks to the Holder)



## ARVHF-BHR5

### For VHF machines

Compatible with VHF® R5 Machines.

#### *Package includes:*

- Holder (Outer and Inner Holders A&B)
- 5 Screws (4 for the Inner Holders, 1 spare)
- 7 Screws (6 to affix Blanks to the Inner Holder, 1 spare)
- 1 Blue Calibration Blank
- 1 Hex Tool to tighten the screws



## Pre-Milled Blank Holders *(continued)*

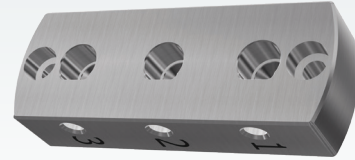
### ARVHF-BHN4

#### For VHF machines

Compatible with VHF N4 Machines.

**Package includes:**

- Holder
- 2 Screws (1 for the Holder, 1 spare)
- 3 Screws (6 to affix Blanks to the Inner Holder)
- 1 Hex Tool (to tighten the Blanks to the Holder)
- 1 Torx Key Tool (to tighten the Holder)



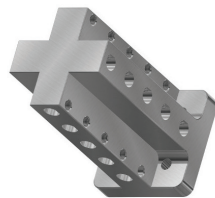
### ARY-BHD61543N

#### For Yenadent® Machines

Compatible with D6, D15, and D43N.

**Package includes:**

- Holder (Outer and Inner Holders A&B)
- 5 Screws (4 for the Inner Holders, 1 spare)
- 7 Screws (6 to affix Blanks to the Inner Holder, 1 spare)
- 1 Blue Calibration Blank
- 1 Hex Tool to tighten the screws



### ARY-BHSC

#### For machines with support/changer 3R

Compatible with D14P.

**Package includes:**

- Holder
- 25 Screws (20 to hold the Blanks, 5 spares)
- 1 Torx Key Tool (to tighten the Screws)



### AK-1 by ROLAND (not supplied by Azure)

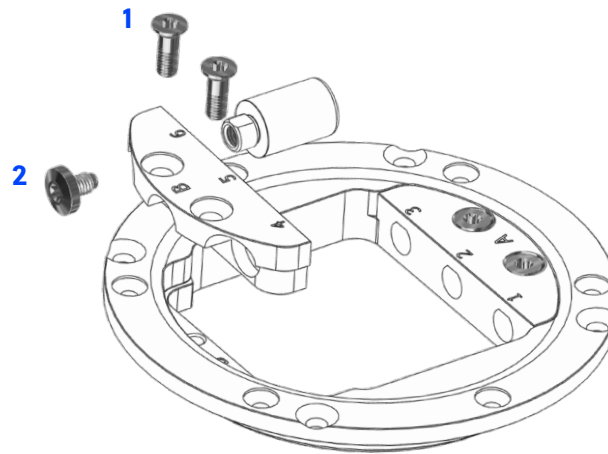
Azure Pre-milled Blanks are compatible with AK-1 Holder, which is developed and supplied by ROLAND.

# Installing Pre-Milled Blanks into Holders

## Holdings with Outer and Inner Holdings A&B

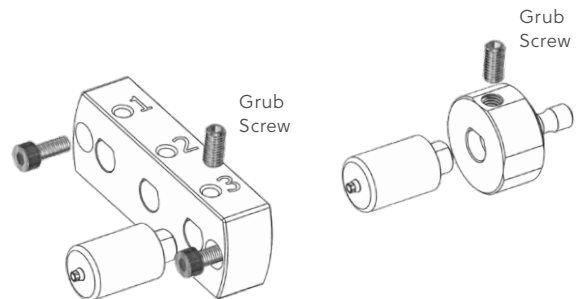
- Holdings ARS-BH, ARI-BH, ARVHF-BHS125K5, ARVHF-BHR5 and ARY-BHD61543N
- These feature a user-friendly "screw-on" system where the Pre-Milled Blanks are attached to Inner Holdings outside the machine and then placed in the Holding base that remains in the machine. This makes it easier and faster to place and remove blocks.

- 1** **Unscrew** the Inner Holding sections A & B from the Holding base by removing the four front-facing screws.
- 2** **Affix** the Pre-Milled Blank into Inner Holding sections A or B with screws inserted into the curved edge of inner A or B. Orientate the flat face of the Pre-Milled Blank to the front flat face of the Inner Holding.
- 3** **Reverse** the first step by screwing the Inner Holding sections A & B back into the Holding base with the eight front-facing screws.



## Holdings with grub screws

- Holdings ARVHF-BHZ4, ARVHF-BHN4, and ARY-BHSC.
- Place the Pre-Milled Blank with the flat face oriented to the bottom and hold in place with the clamping/grub screw.



# Pre-Milled Blank Ordering Information

Original Manufacturer	Compatible With	Azure System	Azure SKU	Platform	Diameter
Dentsply Sirona	Ankylos®* C/X	DA-Internal	ARDA-BTH3410	3.5/4.5 mm	10 mm
	Axiom® Bone Level and Tissue Level	AA-Conical	ARAA-BTH3410	3.4 mm	10 mm
	Astra Tech Implant System® Osseospeed® EV	DAEV-Conical	ARDAEV-BTH310	3 mm	10 mm
			ARDAEV-BTH3610	3.6 mm	10 mm
			ARDAEV-BTH3614	3.6 mm	14 mm
			ARDAEV-BTH4210	4.2 mm	10 mm
			ARDAEV-BTH4214	4.2 mm	14 mm
			ARDAEV-BTH4810	4.8 mm	10 mm
			ARDAEV-BTH4814	4.8 mm	14 mm
	Astra Tech Implant System® Osseospeed® TX	DATX-Internal	ARDATX-BTH310	3 mm	10 mm
			ARDATX-BTH3510	3.5/4 mm	10 mm
			ARDATX-BTH3514	3.5/4 mm	14 mm
			ARDATX-BTH4510	4.5/5 mm	10 mm
			ARDATX-BTH4514	4.5/5 mm	14 mm
Begos Semados®	Begos Semados®	BS-Internal	ARBS-BTH32510	3.25/3.75 mm	10 mm
			ARBS-BTH510	5 mm	10 mm
			ARBS-BTH5510	5.5 mm	10 mm
			ARBS-BTH6510	6.5 mm	10 mm
BioHorizons®	BioHorizons® Tapered Internal	BHI-Internal	ARBHI-BTH3510	3.5 mm	10 mm
			ARBHI-BTH310	3 mm	10 mm
			ARBHI-BTH4510	4.5 mm	10 mm
			ARBHI-BTH4514	4.5 mm	14 mm
			ARBHI-BTH5710	5.7 mm	10 mm
			ARBHI-BTH5714	5.7 mm	14 mm
	BioHorizons® Tapered External	BHEX-External	ARBHEX-BTH4210	4.2 mm	10 mm
			ARBHEX-BTH5210	5.2 mm	10 mm

Original Manufacturer	Compatible With	Azure System	Azure SKU	Platform	Diameter
<b>Biotech Kontakt®</b>	Biotech Kontakt®	BK-Conical	ARBK-BTH3610	3.6 mm	10 mm
<b>Camlog®</b>	Camlog®	CCA-Internal	ARCCA-BTH3310	3.3 mm	10 mm
			ARCCA-BTH3810	3.8 mm	10 mm
			ARCCA-BTH3814	3.8 mm	14 mm
			ARCCA-BTH4310	4.3 mm	10 mm
			ARCCA-BTH4314	4.3 mm	14 mm
			ARCCA-BTH510	5 mm	10 mm
			ARCCA-BTH514	5 mm	14 mm
	Conelog®	CCO-Conical	ARCCO-BTH3310	3.3 mm	10 mm
			ARCCO-BTH3314	3.3 mm	14 mm
			ARCCO-BTH3410	3.8/4.3 mm	10 mm
			ARCCO-BTH3414	3.8/4.3 mm	14 mm
			ARCCO-BTH510	5 mm	10 mm
<b>Medentis ICX®</b>	Medentis ICX®	MI-Conical	ARMI-BTHU10	3.3/3.45/3.75/ 4.1/4.8 mm	10 mm
			ARMI-BTHU14	3.3/3.45/3.75/ 4.1/4.8 mm	14 mm
<b>Megagen</b>	Megagen AnyRidge®	MA-Conical	ARMA-BTHU10	3.5/4/4.5/5 mm	10 mm
<b>MIS®</b>	MIS® C1 Conical	MSC-Conical	ARMSC-BTH3310	3.3 mm	10 mm
			ARMSC-BTH510	5 mm	10 mm
	MIS® C1 Conical and V3 Conical	MSCV-Conical	ARMSCV-BTH3710	3.75 mm	10 mm
	MIS® V3 Conical	MSV-Conical	ARMSV-BTH2710	2.75 mm	10 mm
	MIS® Seven® Internal Hexagon	MSH-Internal	ARMSH-BTH3310	3.3 mm	10 mm
			ARMSH-BTH3710	3.75 mm	10 mm
			ARMSH-BTH4510	4.5 mm	10 mm
<b>Neodent®</b>	Neodent® Grand Morse®	NG-Conical	ARNG-BTH310	3 mm	10 mm
			ARNG-BTH314	3 mm	14 mm

# Pre-Milled Blank Ordering Information *(continued)*

Original Manufacturer	Compatible With	Azure System	Azure SKU	Platform	Diameter
Nobel Biocare	Nobel Brånemark System®	NB-External	ARNB-BTH3510	3.5 mm	10 mm
			ARNB-BTH410	4.1 mm	10 mm
			ARNB-BTH510	5.1 mm	10 mm
	NobelActive® and NobelReplace®	NAC-Conical	ARNAC-BTH310	3 mm	10 mm
			ARNAC-BTH3510	3.5 mm	10 mm
			ARNAC-BTH3514	3.5 mm	14 mm
			ARNAC-BTH4510	4.3/5 mm	10 mm
			ARNAC-BTH4514	4.3/5 mm	14 mm
			ARNAC-BTH5510	5.5 mm	10 mm
			ARNAC-BTH5514	5.5 mm	14 mm
	NobelReplace® Select™	NRT-Trilobe	ARNRT-BTH3510	3.5 mm	10 mm
			ARNRT-BTH4310	4.3 mm	10 mm
			ARNRT-BTH4314	4.3 mm	14 mm
			ARNRT-BTH510	5 mm	10 mm
			ARNRT-BTH514	5 mm	14 mm
			ARNRT-BTH610	6 mm	10 mm
			ARNRT-BTH614	6 mm	14 mm
Osstem®/Hiossen®	Osstem® and Hiossen®	OH-Conical	AROH-BTH310	3/3.5 mm	10 mm
			AROH-BTH314	3/3.5 mm	14 mm
			AROH-BTHU10	4/4.5/5/5.5 mm	10 mm
			AROH-BTHU14	4/4.5/5/5.5 mm	14 mm
Straumann®	Straumann BLX®	SBLX-Conical	ARSBLX-BTH3510	3.5/4.5 mm	10 mm
			ARSBLX-BTH4514	4.5 mm	14 mm
	Straumann Bone Level	SBL-Conical	ARSBL-BTH3310	3.3 mm	10 mm
			ARSBL-BTH3314	3.3 mm	14 mm
			ARSBL-BTH4110	4.1/4.8 mm	10 mm
			ARSBL-BTH4114	4.1/4.8 mm	14 mm
	Straumann Tissue Level	STL-Tissue	ARSTL-BTH3510	3.5 mm	10 mm
			ARSTL-BTH4110	4.1/4.8 mm	10 mm
			ARSTL-BTH4114	4.1/4.8 mm	14 mm
			ARSTL-BTH4810	4.8/6.5 mm	10 mm
			ARSTL-BTH4814	4.8/6.5 mm	14 mm
Dentium	Superline Implantium	DT-Conical	ARDT-BTHU10	3.6/3.8/4/4.5/5 mm	10 mm
			ARDT-BTHU14	3.6/3.8/4/4.5/5 mm	14 mm



Original Manufacturer	Compatible With	Azure System	Azure SKU	Platform	Diameter
ZimVie	ZimVie Certain®	ZC-Certain®	ARZC-BTH3410	3.4 mm	10 mm
			ARZC-BTH4110	4.1 mm	10 mm
			ARZC-BTH4114	4.1 mm	14 mm
			ARZC-BTH510	5 mm	10 mm
			ARZC-BTH514	5 mm	14 mm
	ZimVie External Hex	ZEX-External	ARZEX-BTH3410	3.4 mm	10 mm
			ARZEX-BTH4110	4.1 mm	10 mm
			ARZEX-BTH510	5 mm	10 mm
	ZimVie Tapered Screw-Vent®	ZTSV-Internal	ARZTSV-BTH3510	3.5 mm	10 mm
			ARZTSV-BTH3514	3.5 mm	14 mm
			ARZTSV-BTH4510	4.5 mm	10 mm
			ARZTSV-BTH4514	4.5 mm	14 mm
			ARZTSV-BTH5710	5.7 mm	10 mm
			ARZTSV-BTH5714	5.7 mm	14 mm
	Azure® Tapered Bone-Level	SBL-Conical	ARSBL-BTH3310	3.3 mm	10 mm
			ARSBL-BTH3314	3.3 mm	14 mm
			ARSBL-BTH4110	4.1/4.8 mm	10 mm
			ARSBL-BTH4114	4.1/4.8 mm	14 mm

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