BIOFIX
DENTAL

3D

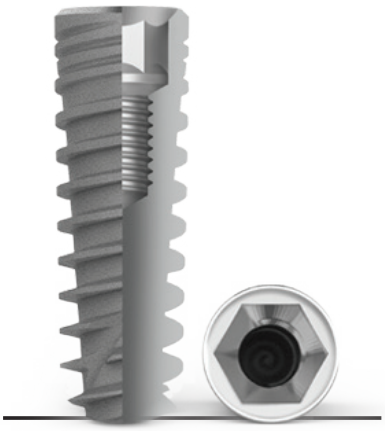
DIGITAL SYSTEM

PRO.GRIP



3D SCANNING TiBase

PRO-GRIP





SBT-100016
3D Scan body
for TiBase



SBT-100056
3D Scan body
for TiBase
Long

ZIRKONZAHN® / BIOFIX 3.75 Platform

			
SMS-6030 H=01 CadCam TiBase zrz Non-rotational	**SMS-6031** H=02 CadCam TiBase zrz Non-rotational	**SMS-6032** H=03 CadCam TiBase zrz Non-rotational	**SMS-6033** H=04 CadCam TiBase zrz Non-rotational

ZIRKONZAHN® / BIOFIX 3.75 Platform

			
SMS-0030 H=01 CadCam TiBase zrz Rotational	**SMS-100031-R** H=02 CadCam TiBase zrz Rotational	**SMS-100033-R** H=03 CadCam TiBase zrz Rotational	**SMS-100034-R** H=04 CadCam TiBase zrz Rotational

ZIRKONZAHN® 4.5 Platform

	
SWS-6030 CadCam TiBase zrz wide Non-rotational	**SWS-0030** CadCam TiBase zrz wide Rotational

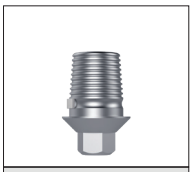
3.75 Platform

	
SMS-0040 CadCam TiBase Rotational	**SMS-6040** CadCam TiBase Non-rotational

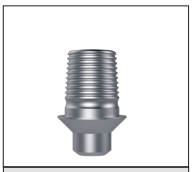
4.5 Platform

	
SWS-0040 CadCam TiBase wide Rotational	**SWS-6040** CadCam TiBase wide Non-rotational

MIS® Narrow platform

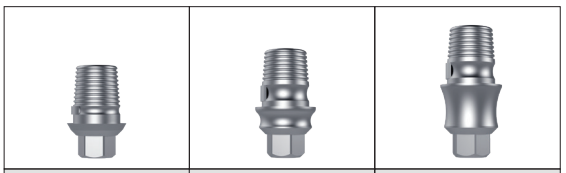


SNS-400013
CadCam TiBase NP
Non-rotational



SNS-400008
CadCam TiBase NP
Rotational

MIS® Standard platform - Non-rotational

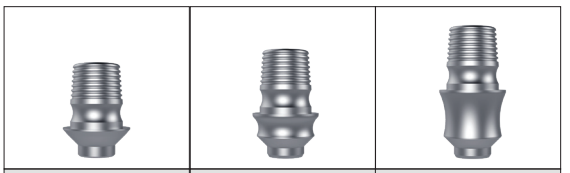


SMS-100001
H=0.5 mm
CadCam TiBase
Non-rotational

SMS-100069
H=1.5 mm
CadCam TiBase
Non-rotational

SMS-100068
H=3.0 mm
CadCam TiBase
Non-rotational

MIS® Standard platform - Rotational



SMS-100002
H=0.5 mm
CadCam TiBase
Rotational

SMS-100066
H=1.5 mm
CadCam TiBase
Rotational

SMS-100067
H=3.0 mm
CadCam TiBase
Rotational

MIS® Wide Platform



SWS-100029
CadCam TiBase
MIS® wide
Non-rotational

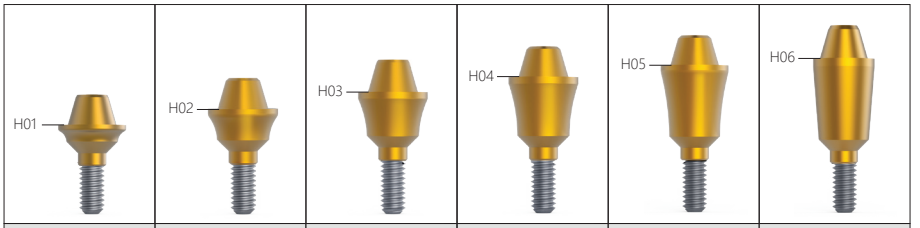


SWS-100030-R
CadCam TiBase
MIS®
Rotational

MULTI-UNIT RESTORATION

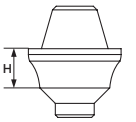
Pro.Grip

3.75 Platform



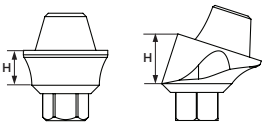
EMU-0011	EMU-0021	EMU-0031	EMU-0041	EMU-0051	EMU-0061
H01 = 1.0 mm	H02 = 2.0 mm	H03 = 3.0 mm	H04 = 4.0 mm	H05 = 5.0 mm	H06 = 6.0 mm

Multi-Unit - 3.75 Platform



H = High

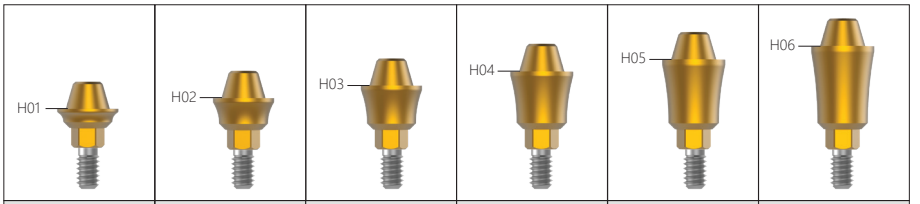
Multi-Unit with hex



Straight H = High

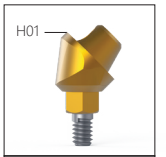
Angular H = High

Premium straight Multi-Unit with hex:

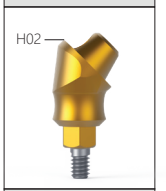


EMU-6011	EMU-6021	EMU-6031	EMU-6041	EMU-6051	EMU-6061
H01 = 1.0 mm	H02 = 2.0 mm	H03 = 3.0 mm	H04 = 4.0 mm	H05 = 5.0 mm	H06 = 6.0 mm

45°

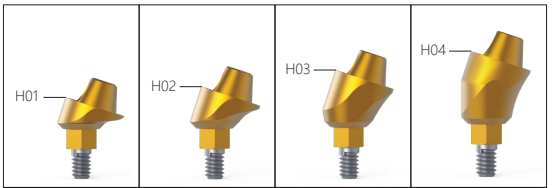


AMU-100005
H01 = 4.5 mm



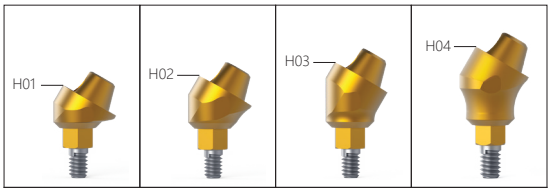
AMU-100064
H02 = 6mm

18° - Mono-Block angular Multi-Unit



AMU-1801	AMU-1811	AMU-1821	AMU-1831
H01 = 2.0 mm	H02 = 2.8 mm	H03 = 3.9 mm	H04 = 5.1 mm

30° - Mono-Block angular Multi-Unit



AMU-3001	AMU-3011	AMU-3021	AMU-3031
H01 = 3.0 mm	H02 = 3.9 mm	H03 = 4.9 mm	H04 = 5.9 mm

BIOFIX MULTI-UNIT ACCESSORIES

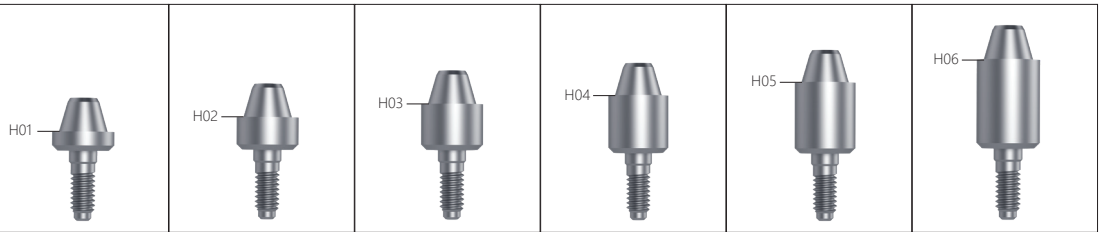


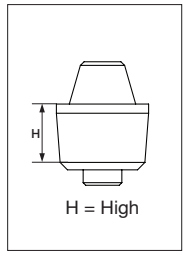
CMU-100006 Short slim titanium sleeve	CMU-100007 Long slim titanium sleeve L = 8.0 mm	TSU-100055 3D Scanning lab device	TSU-100043 Titanium 3D scanning intraoral device	HCC-4550 Healing cap for Multi-Unit	SMU-4023 Screw for Multi-Unit sleeve	SMU-5022 Screw for Multi-Unit high hex	SCU-2315 Screw for Multi-Unit transfer	DASM-100040 Digital analog for SURCAM Multi-Unit

MULTI-UNIT RESTORATION

Pro.Grip

4.5 Wide platform

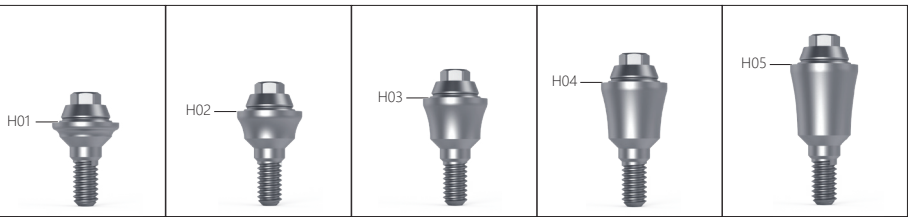
					
EWU-0011 H01 = 1.0 mm	**EWU-0021** H02 = 2.0 mm	**EWU-0031** H03 = 3.0 mm	**EWU-0041** H04 = 4.0 mm	**EWU-0051** H05 = 5.0 mm	**EWU-0061** H06 = 6.0 mm

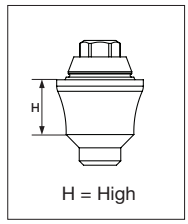


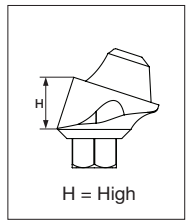
REGULAR PLATFORM

Pro.Grip with general Multi-Unit

Straight Multi-Unit

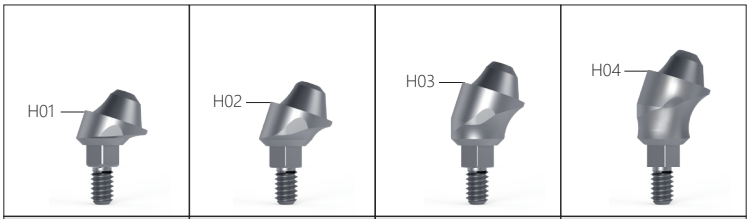
				
EMU-130007 H01 = 1.0 mm	**EMU-130008** H02 = 2.0 mm	**EMU-130009** H03 = 3.0 mm	**EMU-130010** H04 = 4.0 mm	**EMU-130011** H05 = 5.0 mm



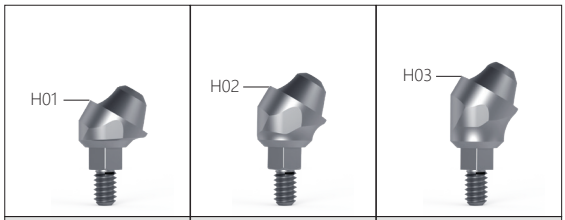


Angular Multi-Unit

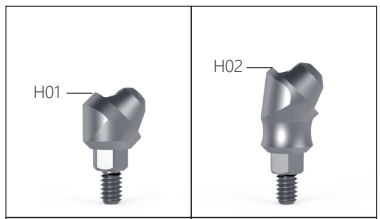
18°

			
AMU-130004 H01 = 2.0 mm	**AMU-130005** H02 = 3.0 mm	**AMU-130006** H03 = 4.0 mm	**AMU-130028** H04 = 5.0 mm

30°

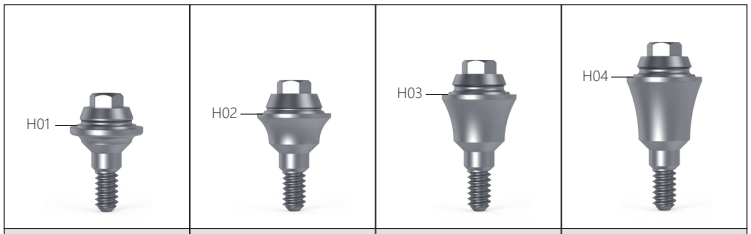
		
AMU-130001 H01 = 3.0 mm	**AMU-130002** H02 = 4.0 mm	**AMU-130003** H03 = 5.0 mm

45°

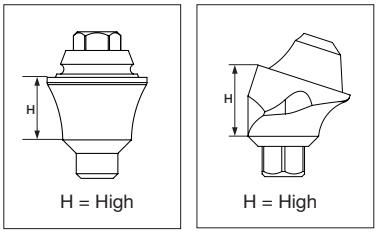
	
AMU-130014 H01 = 4.0 mm	**AMU-130027** H02 = 6.0 mm

AESTHETIC NARROW MULTI UNIT

Straight Narrow Multi-Unit

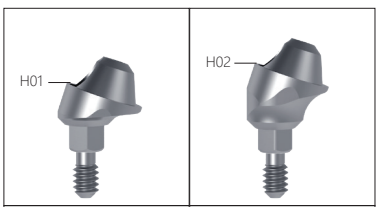


NMU-130018	NMU-130019	NMU-130020	NMU-130021
H01 = 1.0 mm	H02 = 2.0 mm	H03 = 3.0 mm	H04 = 4.0 mm



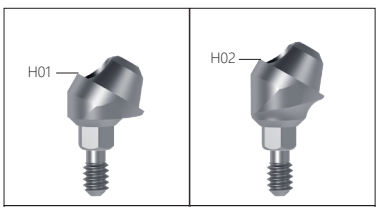
Angular Narrow Multi-Unit

18°



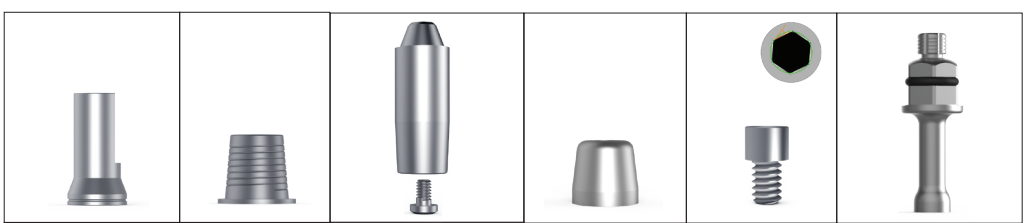
NAMU-130022	NAMU-130023
H01 = 2.0 mm	H02 = 3.5 mm

30°



NAMU-130024	NAMU-130025
H01 = 2.7 mm	H02 = 3.7 mm

GENERAL MULTI-UNIT ACCESSORIES



TSU-300150	CMU-300134	DASM-300146	HCC-300024	NSU-3821	TEM-130016
Scan body for general Multi-Unit	Ti Base	General analog for digital Multi-Unit	Healing cap	Screw for sleeve	Straight Multi-Unit key

TITANIUM NITRIDE (TiN) COATING

PREMIUM PRODUCT

For generation of the TiN coating, the energy transfers of the arc into the target releases titanium atoms, ionises them and accelerates them through the applied voltage towards the implant. During the process, nitrogen is introduced into the vacuum chamber and the nitrogen atoms combine with the titanium atoms on the implant surface to form the desired titanium nitride coating.

Range of Application
Orthopaedic and dental implant components
Surgical instruments
Rotating instruments

Advantages of the Procedure
Allergy protective effect
4-times harder than conventional cobalt-chrome alloy
Low friction articulation
Long-term chemical stability
Extreme adhesive strength

Properties
TiN coatings only modify the surface properties. The material properties and biomechanical functionality is not altered by the coating.
Colour: golden yellow
Coating thickness: 1–10 µm
Roughness Ra: ≤ 0.05 µm
Adhesive strength: HF 1–2
Coating hardness: ~2,300 HV

Wear resistance: extremely high wear resistance towards bone cement.
Abrasion: low friction; significant increase of scratch resistance of the surface.
Reduction of allergy potential by reduction of ion release to the detection limit.
Outstanding biocompatibility of TiN (was proved in several publications).



All of BIOFIX's Internal Hexed full line of Implants, Prosthetic Components and Abutments are compatible with standard platforms: 3.75, 4.2, 4.5mm [Zimmer®, MIS®, SIRONA®, AMANN GIRRBACH®, ZIRKONZAHN®].BIOFIX's manufacturing techniques are constantly evolving to the future challenges of the industry's next generation requirements at a competitive price. All of our products are manufactured in-house.

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LBL0065 - Rev.5 31/07/2024