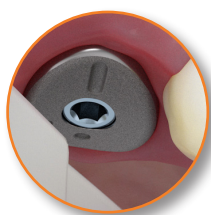


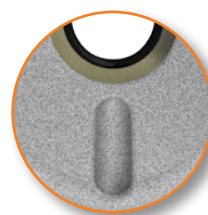
SmartShape™ Healers

The BioHorizons SmartShape healing system offers new efficient workflows, streamlining the transition from surgical to restorative. The portfolio features a set of stock anatomical profiles, each with a scannable occlusal surface to support digital workflows. The all-metal design allows for verifying the seating of the abutment using a radiograph, and multiple gingival heights will support different placement depths. Custom abutments can be milled to match the anatomical profile of each healer and maintain the tissue contouring with the final restoration.

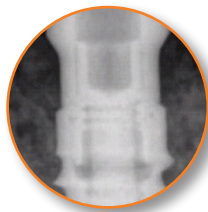
key features



Matte surface for easy scanning



Occlusal markings for identification and orientation



All-metal design for seating verification



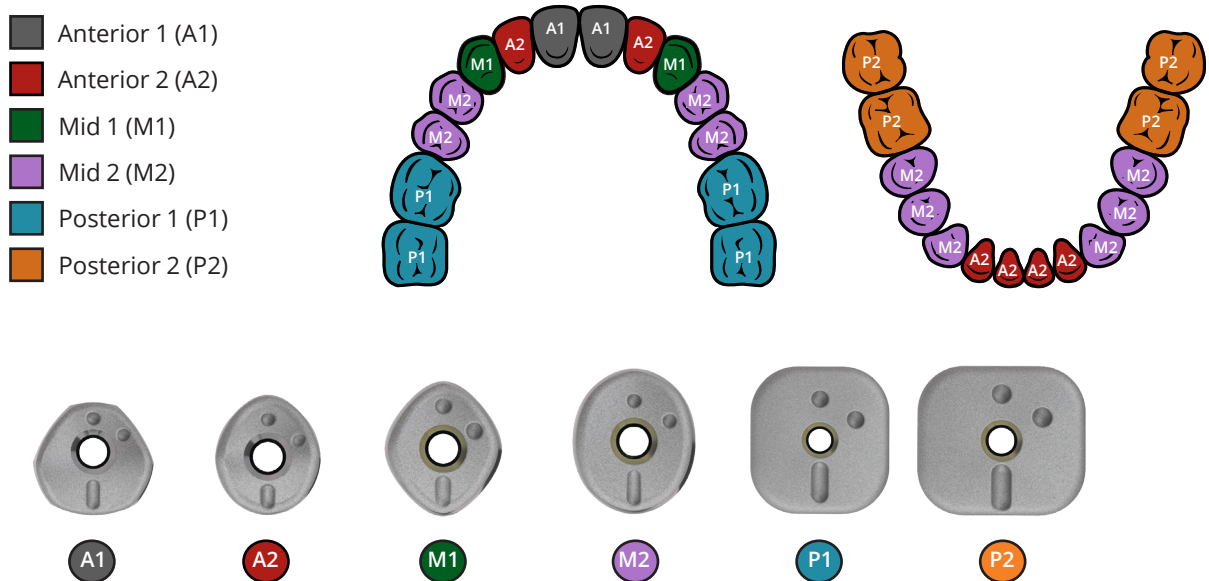
Profile-matched custom final supported by



Regular and Tall gingival height options

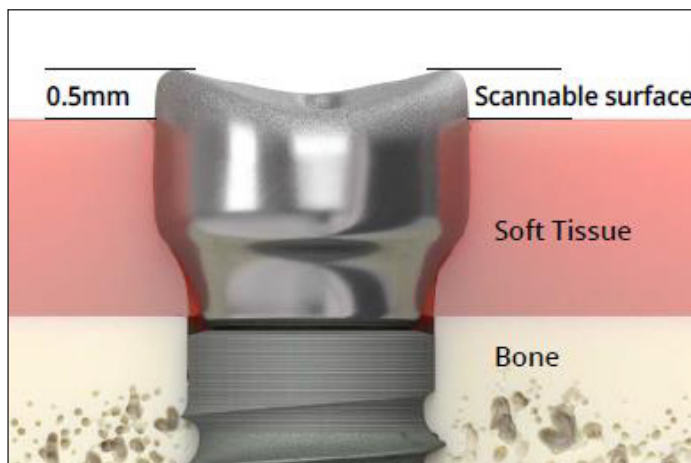
streamlined clinical performance

6 anatomical profiles



scanning & impression

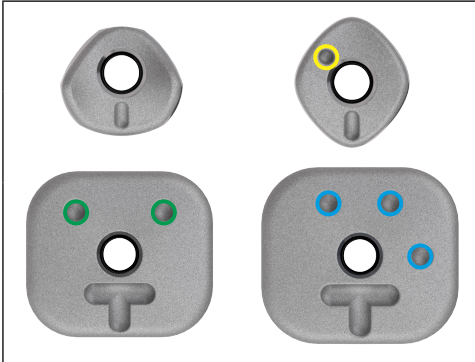
SmartShape Healers support both digital and closed tray impression taking. Traditional impressions can then be digitally converted using a desktop scanner and stone model.



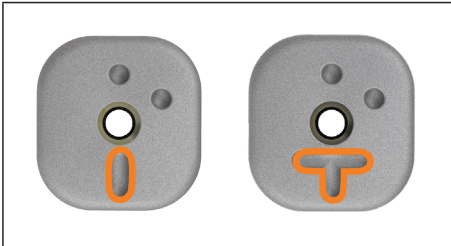
NOTE: 0.5mm of the scannable surface must be left above the tissue for proper scanning or impression taking

occlusal markings

Abutment platform is identified by the occlusal dimples. Connection type is indicated by the orientation of the dimples. Conical abutments have a dimple positioned opposite to the notch, on the lingual/palatal side of the abutment. Dimples on hex abutments are shifted to the mesial or distal sides.

		No Dimple	3.0mm platform (Gray)
		1 Dimple	3.5mm platform (Yellow)
		2 Dimples	4.5mm platform (Green)
		3 Dimples	5.7mm platform (Blue)
		1 Dimple	Narrow platform (Gray)
		2 Dimples	Regular platform (Yellow)

Abutment height is identified by the buccal notch.

	
I	Regular Height
T	Tall Height

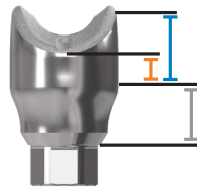
Regular height SmartShape Healers can be used in place of 3mm Internal Hex or 4mm Conical healing abutments. Tall height SmartShape Healers can be used in place of 5mm Internal Hex or 6mm Conical healing abutments.



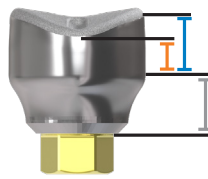
streamlined clinical performance

abutment heights

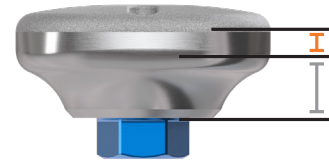
The SmartShape Healers are available in two gingival heights, Regular and Tall. Detailed heights of the abutments are listed in the table below.



Anterior



Mid



Posterior

		Conical gingival height				
		Emergence Height	Anatomical Profile Height		Max Tissue Height	
			Buccal-Lingual	Mesial-Distal	Buccal-Lingual	Mesial-Distal
Conical Regular	Anterior	2mm	1.25mm	2.75mm	3.25mm	4.75mm
	Mid	2mm	1.50mm	2.25mm	3.50mm	4.25mm
	Posterior	2.25mm	0.75mm		3mm	
Conical Tall	Anterior	4mm	1.25mm	2.75mm	5.25mm	6.75mm
	Mid	4mm	1.50mm	2.25mm	5.50mm	6.25mm
	Posterior	3.75mm	0.75mm		4.5mm	

		Hex gingival height				
		Emergence Height	Anatomical Profile Height		Max Tissue Height	
			Buccal-Lingual	Mesial-Distal	Buccal-Lingual	Mesial-Distal
Hex Regular	Anterior	2mm	1.25mm	2.75mm	3.25mm	4.75mm
	Mid	2mm	1.45mm	2.20mm	3.45mm	4.20mm
	Posterior	2mm	1mm		3mm	
Hex Tall	Anterior	4mm	1.25mm	2.75mm	5.25mm	6.75mm
	Mid	4mm	1.25mm	2.75mm	5.45mm	6.20mm
	Posterior	3.5mm	1mm		4.5mm	

libraries

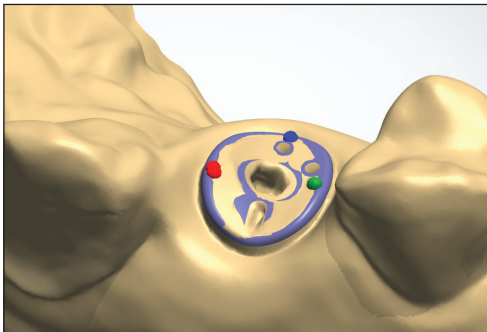
Updated libraries including SmartShape Healer scan body files can be downloaded from:



Learn more: www.vulcandental.com

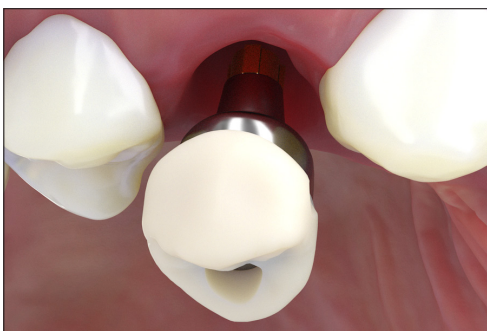
In order to request contour files of SmartShape Healers for final abutment design, please email: stl@biohorizons.com

scan alignment



During scan body alignment, it is recommended to select points along the healer's anatomical profile to initiate alignment. The occlusal dimples and notches are only used for visual identification of the healer, not for the digital alignment process.

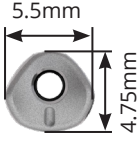
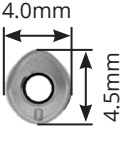
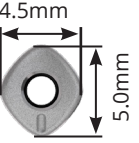
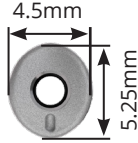
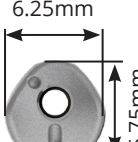
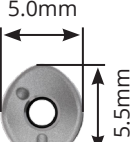
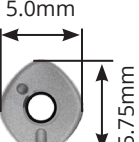
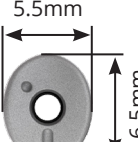
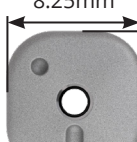
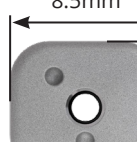
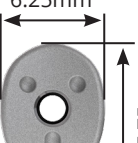
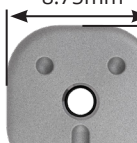
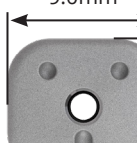
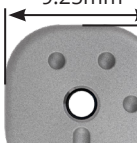
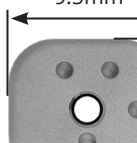
abutment design



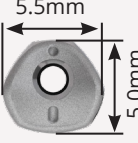
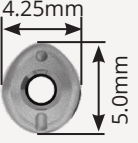
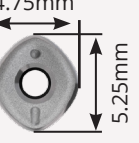
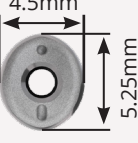
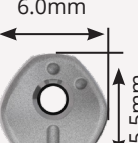
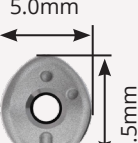
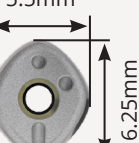
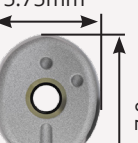
Final abutment should be designed to match the emergence profile of the SmartShape Healer. This will minimize tissue remodeling during delivery of the final restoration.

Regular height

Internal Hex abutments are packaged with a silver abutment screw.

		A1	A2	M1	M2	P1	P2
Hexed	 3.0mm	 5.5mm 4.75mm TP3SSHA1	 4.0mm 4.5mm TP3SSHA2	 4.5mm 5.0mm TP3SSHM1	 4.5mm 5.25mm TP3SSHM2	-	-
	 3.5mm	 6.25mm 5.75mm PYSSHA1	 5.0mm 5.5mm PYSSHA2	 5.0mm 5.75mm PYSSHM1	 5.5mm 6.5mm PYSSHM2	 8.25mm 8.5mm PYSSHP1	 8.5mm 7.5mm PYSSHP2
	 4.5mm	-	-	-	 6.25mm 7.75mm PGSSHM2	 8.75mm 9.0mm PGSSHP1	 9.0mm 8.0mm PGSSHP2
	 5.7mm	-	-	-	-	 9.25mm 9.5mm PBSSHP1	 9.5mm 8.5mm PBSSHP2

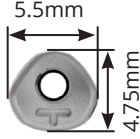
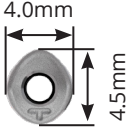
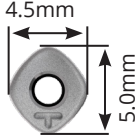
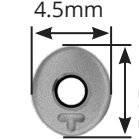
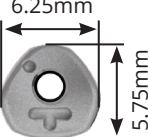
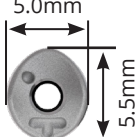
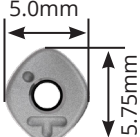
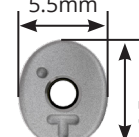
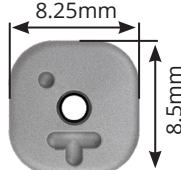
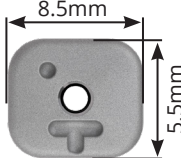
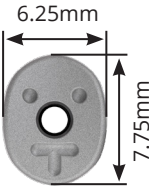
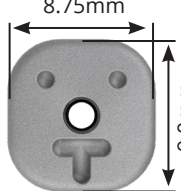
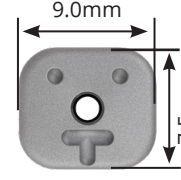
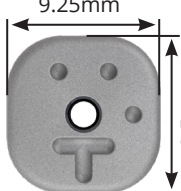
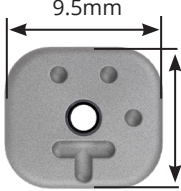
Conical abutments are packaged with a blue abutment screw.

		A1	A2	M1	M2	P1	P2
Conical	 Narrow	 5.5mm 5.0mm CNSSHA1	 4.25mm 5.0mm CNSSHA2	 4.75mm 5.25mm CNSSHM1	 4.5mm 5.25mm CNSSHM2	-	-
	 Regular	 6.0mm 5.5mm CRSSHA1	 5.0mm 5.5mm CRSSHA2	 5.5mm 6.25mm CRSSHM1	 5.75mm 7.0mm CRSSHM2	 8.5mm 9.0mm CRSSHP1	 9.0mm 8.0mm CRSSHP2

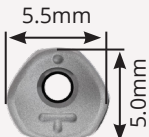
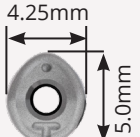
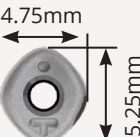
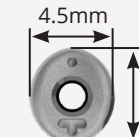
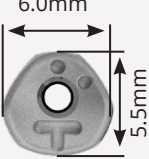
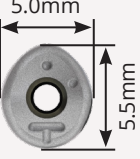
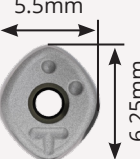
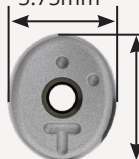
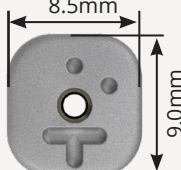
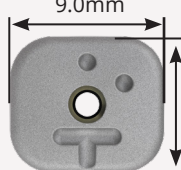
Images shown are not to scale. Not all products are available in all countries.

Tall height

Internal Hex abutments are packaged with a silver abutment screw.
Tall screws are identified by a laser-band around the screw shank.

		A1	A2	M1	M2	P1	P2
Hexed	 3.0mm	 TP3SSHA1T	 TP3SSHA2T	 TP3SSHM1T	 TP3SSHM2T	-	-
	 3.5mm	 PYSSHA1T	 PYSSHA2T	 PYSSHM1T	 PYSSHM2T	 PYSSHP1T	 PYSSHP2T
	 4.5mm	-	-	-	 PGSSHM2T	 PGSSHP1T	 PGSSHP2T
	 5.7mm	-	-	-	-	 PBSSHP1T	 PBSSHP2T

Conical abutments are packaged with a blue abutment screw.
Tall screws are identified by a laser-band around the screw shank.

		A1	A2	M1	M2	P1	P2
Conical	 Narrow	 CNSSHA1T	 CNSSHA2T	 CNSSHM1T	 CNSSHM2T	-	-
	 Regular	 CRSSHA1T	 CRSSHA2T	 CRSSHM1T	 CRSSHM2T	 CRSSHP1T	 CRSSHP2T

Images shown are not to scale. Not all products are available in all countries.