



**Supplemental fixation required*



COLOSSEUM™

Mesh Corpectomy Spacer



Our mission is to deliver cutting-edge technology, research, and innovative solutions to promote healing in patients with musculoskeletal disorders.

Life moves us 

The Surgical Technique shown is for illustrative purposes only. The technique(s) actually employed in each case always depends on the medical judgment of the surgeon exercised before and during surgery as to the best mode of treatment for each patient. Additionally, as instruments may occasionally be updated, the instruments depicted in this Surgical Technique may not be exactly the same as the instruments currently available. Please consult with your sales representative or contact Globus directly for more information.

SURGICAL TECHNIQUE GUIDE

COLOSSEUM™

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SYSTEM OVERVIEW

COLOSSEUM™ is a titanium mesh vertebral body replacement spacer engineered to reduce procedural steps and streamline the static corpectomy procedure. Straight or curved spacers and a variety of endcap angulations accommodate varying patient anatomy and optimize fit.

Incrementally Pre-Cut Spacers

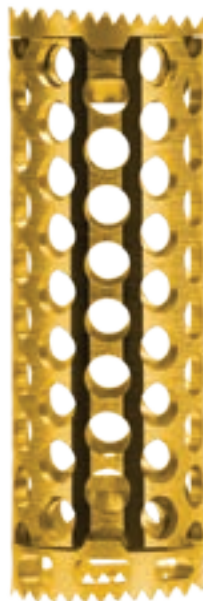
Allow building of small constructs from 12-55mm, in 1mm increments, without cutting the spacer

Open Architecture

Maximizes contact between large graft area and vertebral body to optimize fusion

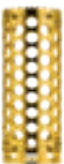
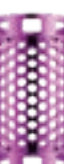
Anatomical Design

Curved spacers and angled endcaps designed to restore the natural curvature of the spine



IMPLANT OVERVIEW

COLOSSEUM™ mesh spacers may be pre-cut or cut to the desired height and may be used with or without endcaps.

Footprint		Straight/Curved	Endcap Angulation*	Total Construct Height Range	Height
	12x14mm	Straight	0° and 3.5°	12-27mm	1mm increments
		Curved	0° and 3.5°	28-55mm; 84-88mm	
	14x16mm	Straight	0° and 3.5°	12-27mm	
		Curved	0° and 3.5°	28-55mm; 124-128mm	
	16x16mm	Straight	0°, 4°, 8°	12-58mm; 124-130mm	2mm increments
	21x23mm	Straight	0°, 4°, 8°, 12°	12-60mm; 124-132mm	
	25x30mm	Straight	0°, 4°, 8°, 12°	12-64mm; 124-136mm	

*Specific construct options vary by height and shape. Refer to the **Assembled Implant Height Guide** on page 22 for options with every height increment.

INSTRUMENT OVERVIEW

TRIAL INSTRUMENTS



Caliper, Ratcheting 656.110

ASSEMBLY TOOLS



Assembly Tool, 12x14mm 656.140

Assembly Tool, 14x16mm 656.141

Assembly Tool, 16x16mm 656.142

Assembly Tool, 21x23mm 656.143

Assembly Tool, 25x30mm 656.144



Packing Block 656.132



Side Cutter 656.115



End Cutter 6102.1003

GRAFT PACKERS



Graft Packer 656.130



Mallet 648.003

TAMPS



Tamp, Small 656.150

Tamp, Large 656.151



Tamp, Angled 656.153

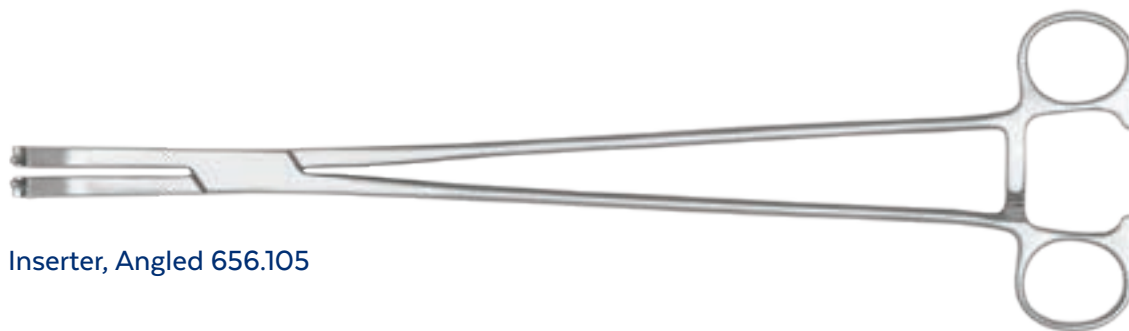
INSERTERS



Inserter, Short 656.102



Inserter, Long 656.104



Inserter, Angled 656.105

REMOVAL TOOL



Endcap Removal Tool 656.145

SURGICAL TECHNIQUE

COLOSSEUM™

Refer to the package insert printed on the back of this manual for information on the indications, description, contraindications, precautions, warnings, and potential risks associated with this system.

COLOSSEUM™ is intended to be used with supplemental fixation systems that are labeled for use in the cervical, thoracic, and/or lumbar spine.

STEP 1 PREOPERATIVE PLANNING

The approximate height and size of the implant should be determined prior to surgery using an MRI, CT, or X-ray. Implant selection is determined by the largest footprint needed to fill the void created by the resected or excised tissue. The spacer should fit firmly between the endplates of the cranial and caudal vertebral bodies. For cervical procedures, the use of neuromonitoring is suggested.

The table below summarizes which implants are indicated for use in the different levels of the spine.

COLOSSEUM™ Implant Sizes for Spinal Levels			
	Cervical (C2-T1)	Thoracic (C7-L1)	Lumbar (T12-L5)
Footprint	Up to 16x16mm and 15x18mm	All sizes	All sizes
Height	Up to 78mm		
Sagittal Profile	Up to 14° total		

STEP

2

CORPECTOMY OR VERTEBRECTOMY

Determine the best surgical approach. For the cervical spine, an anterior approach may be used. For the thoracolumbar spine, an anterior, anterolateral, lateral, posterior, or posterolateral approach may be used.

Position the patient for the chosen surgical approach. Perform the vertebrectomy or corpectomy. Remove disc material using Rongeurs, Rasps, Curettes, and other suitable preparation instruments. Carefully prepare the vertebral endplates to expose bleeding bone, taking care not to compromise subchondral bone.

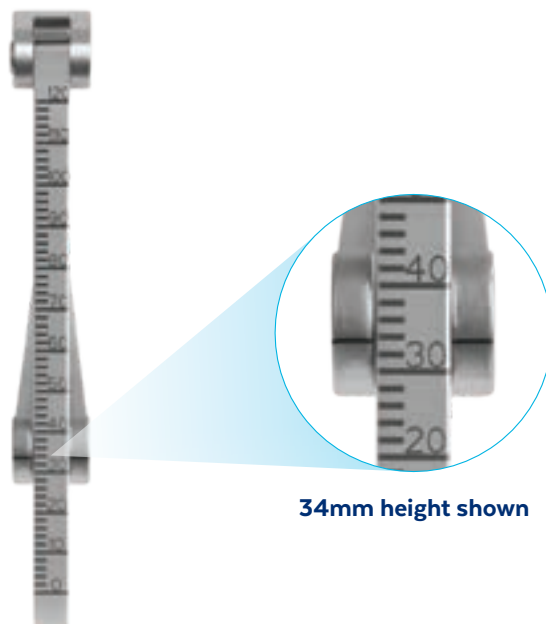


STEP

3

HEIGHT TRIALING

Distract the space between the cranial and caudal vertebral bodies to the desired height. Use the **Ratcheting Caliper** to measure the height of the corpectomy space by placing the tips of the Caliper at the vertebral endplates, not the peripheral edges of the vertebrae. Ensure the Caliper's tips are flush with the superior and inferior vertebral bodies. Marks on the handle are in 2mm increments.

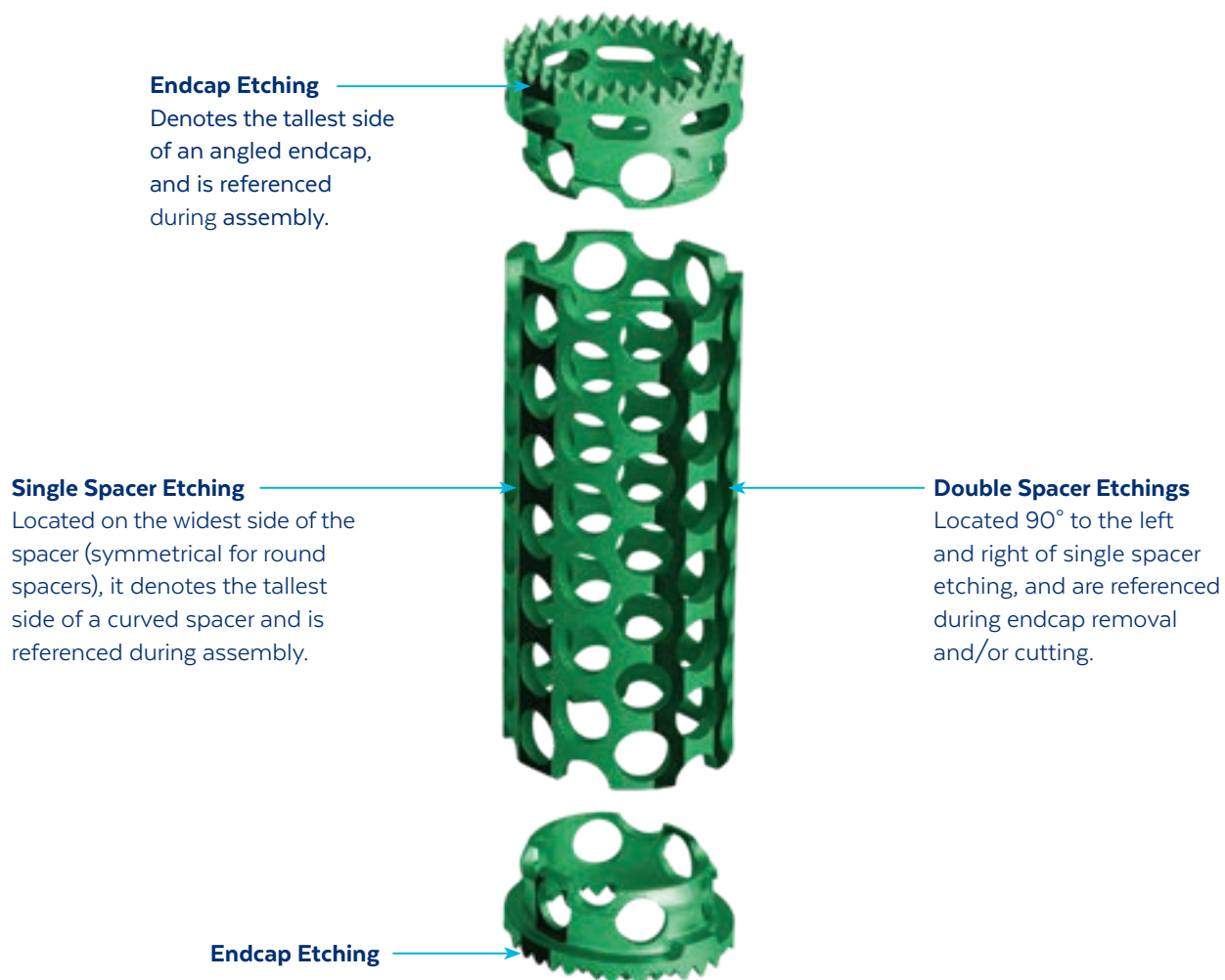


STEP

4

IMPLANT SELECTION

Mesh implants may be pre-cut or cut to size. Pre-cut spacer assembly is described here. Refer to page 21 for cutting mesh implants. Refer to the **Assembled Implant Height Guide** on page 22 to determine which spacer and endcaps to select. Examples are shown on the following pages. Certain heights and endplate angles have multiple options. Etchings on the implant are described below.



Assembled Implant Height Chart Example: Straight Spacer

To build a 12x14mm footprint spacer with 13mm of total height and total angulation of 3.5°, select the following:

- Straight 8mm pre-cut spacer (156.202)
- Endcap, 2mm, 0° (156.252)
- Endcap, 3mm, 3.5° (156.263)

Total Height	Total Angulation	Pre-Cut Spacer		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.202	2mm, 0°	156.252	2mm, 0°	156.252
	3.5°	8mm	156.202	2mm, 0°	156.252	2mm, 3.5°	156.262
	7°	8mm	156.202	2mm, 3.5°	156.262	2mm, 3.5°	156.262
13mm	0°	8mm	156.202	2mm, 0°	156.252	3mm, 0°	156.253
	3.5°	8mm	156.202	2mm, 0°	156.252	3mm, 3.5°	156.263
	7°	8mm	156.202	2mm, 3.5°	156.262	3mm, 3.5°	156.263
14mm	0°	8mm	156.202	3mm, 0°	156.253	3mm, 0°	156.253
	3.5°	8mm	156.202	3mm, 0°	156.253	3mm, 3.5°	156.263
	7°	8mm	156.202	3mm, 3.5°	156.263	3mm, 3.5°	156.263

Assembled Implant Height Chart Example: Curved Spacer

To build a 12x14mm footprint spacer with 32mm of total height and total angulation of 7°, select the following:

- Curved 28mm pre-cut spacer, 3.5° (156.207)
- Endcap, 2mm, 0° (156.252)
- Endcap, 2mm, 3.5° (156.262)

Total Height	Total Angulation	Pre-Cut Spacer		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
32mm	0°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 0°	156.252
	7°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	10.5°	28mm (C), 3.5°	156.207	2mm, 3.5°	156.262	2mm, 3.5°	156.262
33mm	0°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 3.5°	156.263
	3.5°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 0°	156.253
	7°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 3.5°	156.263
	10°	28mm (C), 3.5°	156.207	2mm, 3.5°	156.262	3mm, 3.5°	156.263

*C denotes curved spacer.

Assembled Implant Height Chart Example: Curved Spacer with Reverse Endcap

If desired, the angulation of a curved spacer may be reduced by attaching an angled endcap in the reverse orientation. Based on the height, the construct angulation is approximately 0° when using a reverse endcap.

To build a 12x14mm footprint spacer with 32mm of total height and total angulation of 0°, select the following:

- Curved 28mm pre-cut spacer, 3.5° (156.207)
- Endcap, 2mm, 0° (156.252)
- Endcap, 2mm, 3.5° (156.262)

Total Height	Total Angulation	Pre-Cut Spacer		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
31mm	0°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 3.5°	156.264
	3.5°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 0°	156.254
	7°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 3.5°	156.264
	10.5°	24mm (C), 3°	156.206	3mm, 3.5°	156.263	4mm, 3.5°	156.264
32mm	0°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 0°	156.252
	7°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	10°	28mm (C), 3.5°	156.207	2mm, 3.5°	156.262	2mm, 3.5°	156.262

*C denotes curved spacer.

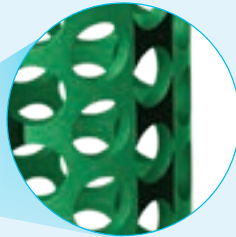
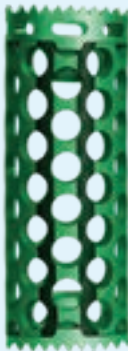


CURVED SPACER REVERSE ENDCAP OPTION ASSEMBLY

The endcap etching is 180° opposite of the single spacer etching. This is only used to create a reverse endcap construct assembly using curved spacers.



Endcap Etching



Single Spacer Etching

STEP 5 ENDCAP ASSEMBLY

The endcaps may be assembled to one or both ends of the spacer to match the height of the corpectomy space. Endcaps are assembled by pressing an endcap onto the upper and lower ends of the mesh using the **Assembly Tool**, **Packing Block**, and **Mallet**.

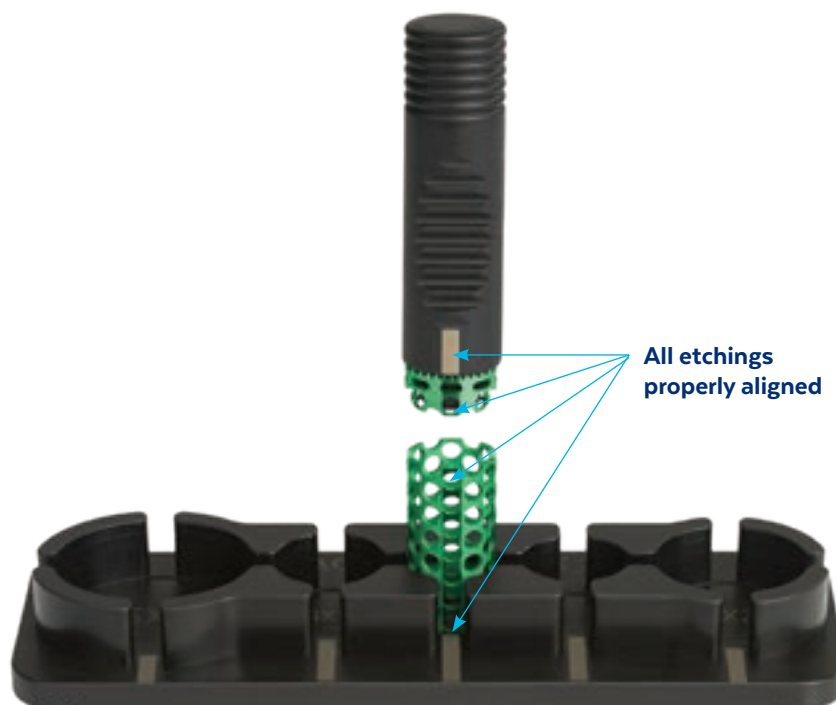
Place the Packing Block on a flat surface.



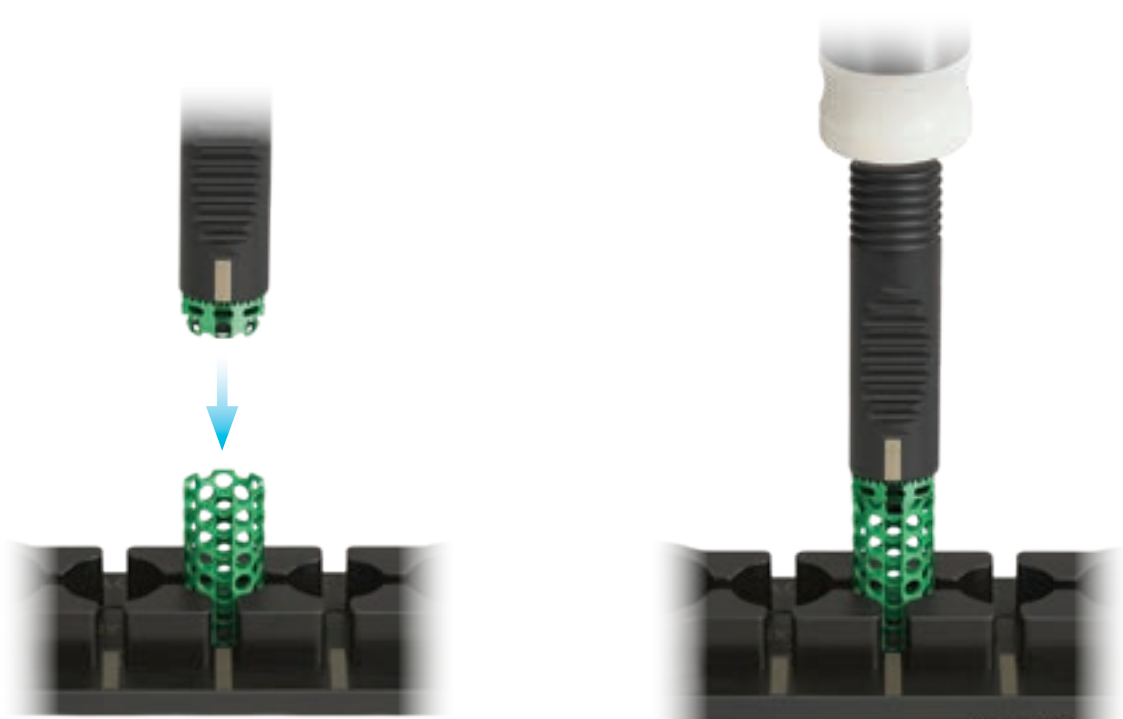
Place the desired mesh into the appropriate footprint slot of the Packing Block, aligning the single spacer etching of the mesh with the etching on the Packing Block.

Insert an endcap onto the Assembly Tool. Align all etchings as shown below.

Note: A curved spacer reverse endcap construct is the only implant in which all etchings are not aligned, so that endcap etching is directly opposite from single spacer etching.

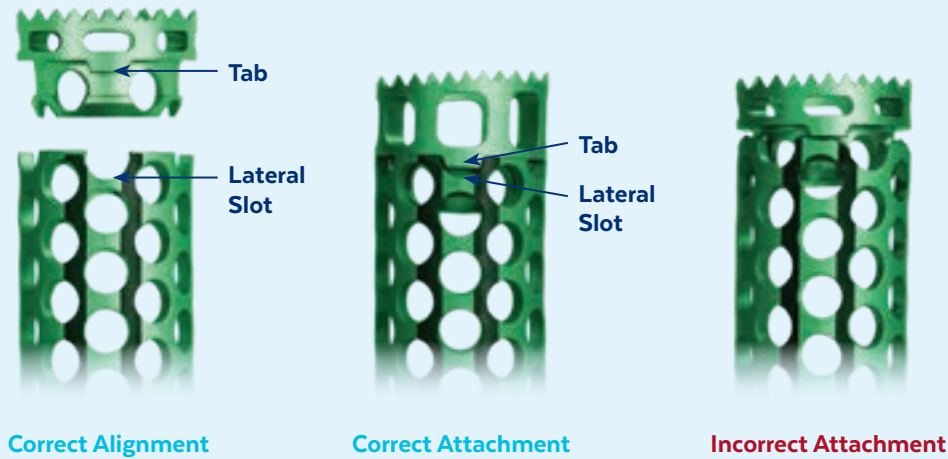


Press the Assembly Tool with one endcap onto the mesh. Visually confirm that the core and endcap are fully assembled as described below. If the endcap is not flush with the spacer, gently impact the endcap with the Mallet until flush.



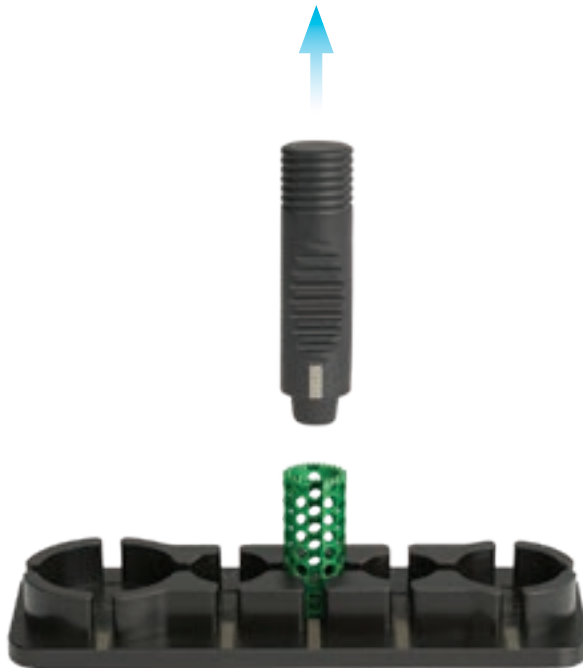
 ENDCAP ATTACHMENT CONFIRMATION

The endcap is fully inserted into the core when it is flush with the spacer and the tabs are pressed into the lateral slots. Two lateral slots are located on each end of the spacer, between double spacer etchings.



After confirming that the first endcap is fully attached to the spacer, remove the Assembly Tool by lifting it up from the construct. Flip the spacer and repeat the endcap assembly process for the second endcap. Visually confirm that the core and endcap are fully assembled, as described on page 15.

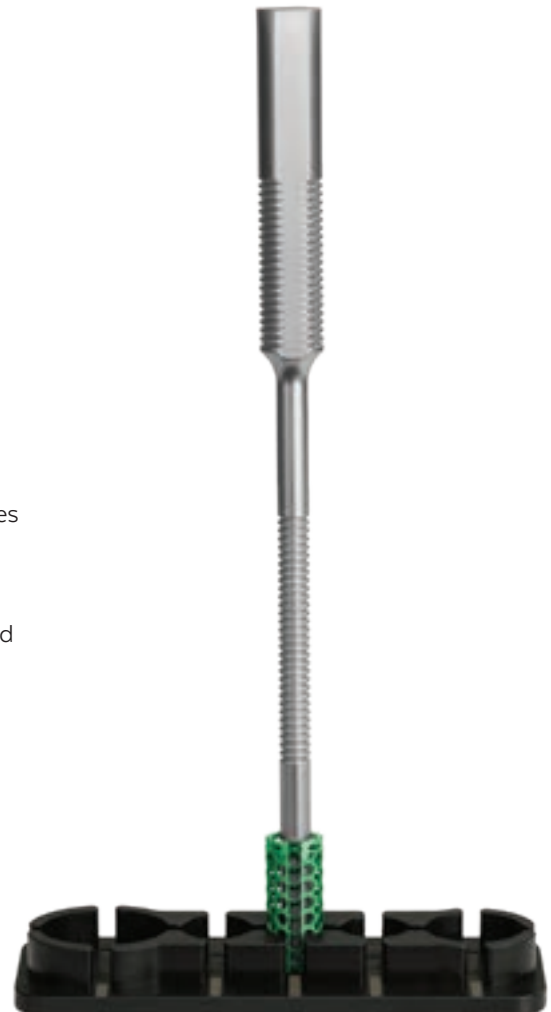
Note: Do not assemble two endcaps to the core at the same time.



STEP 6 PACKING GRAFT

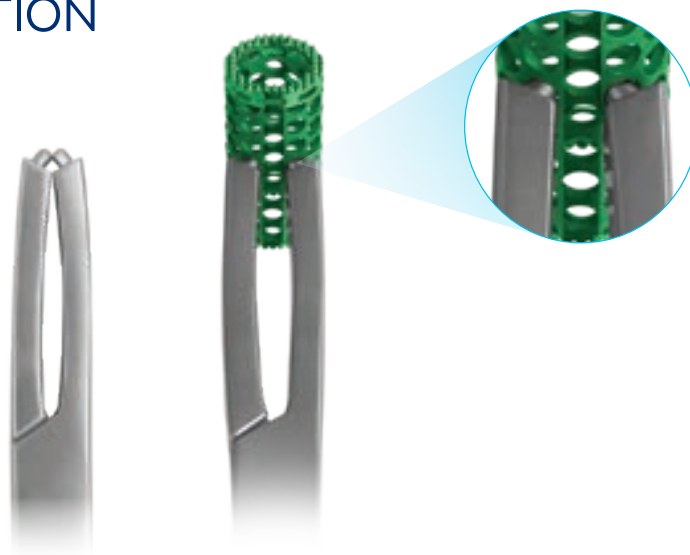
The center of the implant may be packed with autogenous and/or allogenic bone graft. Use the Packing Block to hold the implant. Both sides of the **Graft Packer** may be used for bone packing.

The small diameter side is designed for 12x14mm, 14x16mm and 16x16mm footprints. The large diameter side is designed for 21x23mm and 25x30mm footprints.



STEP 7 IMPLANT INSERTION

Locate two holes directly on either side of the single spacer etching in the middle region of the implant. Insert the inserter tips into the implant holes and secure the implant.



⚙️ INSERTER OPTIONS

Short Inserter



Compress the handle until a rigid grip is achieved.

Long Inserter



Rotate the speed nut clockwise until a rigid grip is achieved.

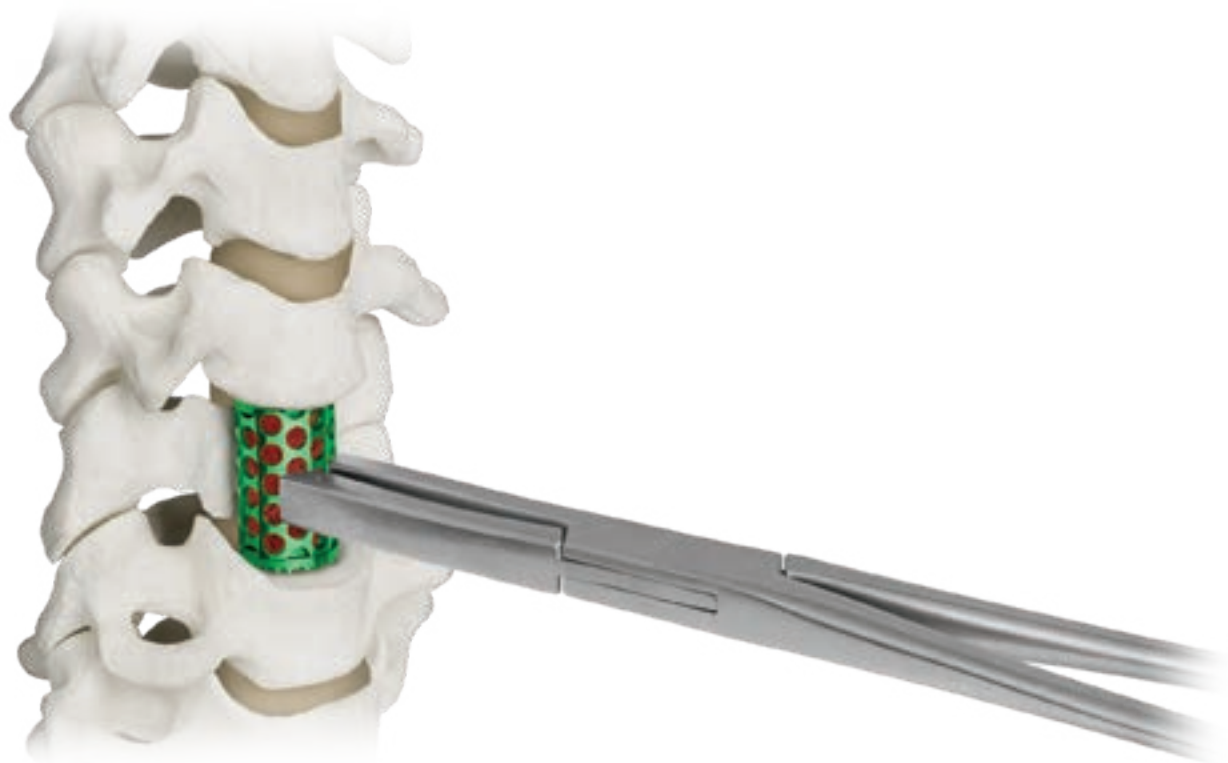
Angled Inserter



Attach the inserter vertically to the spacer. Compress the handle until a rigid grip is achieved.

Insert the implant assembly into the corpectomy space and position it in the disc space. If necessary, lightly impact on the inserter or the **Small Tamp** for the anterior approach, the **Large Tamp** for the lateral approach, or the **Angled Tamp** for the posterior approach.

A secure fit is desirable to maintain height and to stabilize the segment. Verify fit using fluoroscopy and/or tactile feel. Remove the inserter after final positioning is confirmed.



FINAL CONSTRUCT

Supplemental fixation, such as anterior plating for the cervical spine, and posterior fixation or lateral plating for the thoracolumbar spine, is required. Refer to the surgical technique for the desired system.



COLOSSEUM™ with QUARTEX®

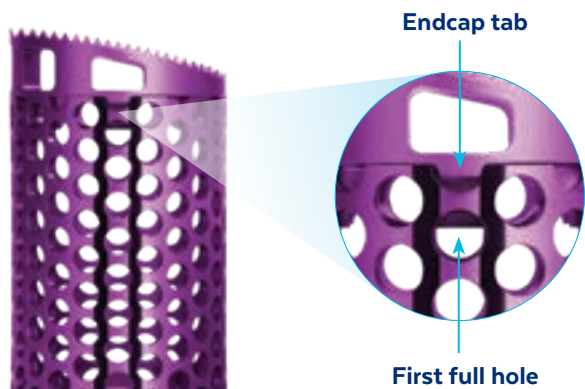
OPTIONAL: IMPLANT REMOVAL

For removal, distract the corpectomy or vertebrectomy space and attach the inserter by following the instructions on page 17. Once the inserter is firmly attached, remove the implant.

OPTIONAL: ENDCAP REMOVAL

COLOSSEUM™ offers endcaps in multiple heights and lordotic/kyphotic options that are interchangeable within each footprint for incremental adjustments without cutting.

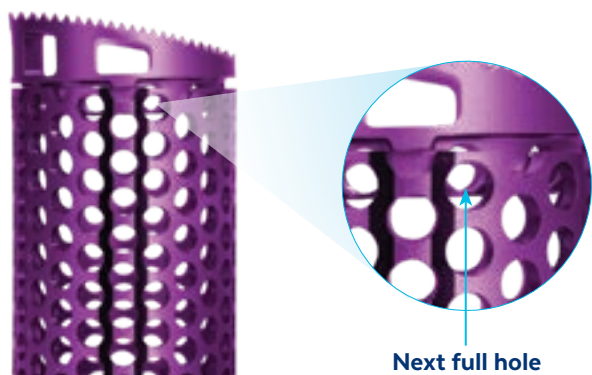
The **Endcap Removal Tool** is used to remove the endcap from the mesh. Place the tips of the removal tool into the first full holes between the double spacer etchings on both sides of the mesh. Compress the Removal Tool to detach the endcap from the mesh. If the endcap does not completely detach, rotate the mesh until another full hole is visible and repeat the process.



Endcap tab and first full hole on mesh located between double spacer etchings



Placing tips of removal tool between mesh and endcap tab



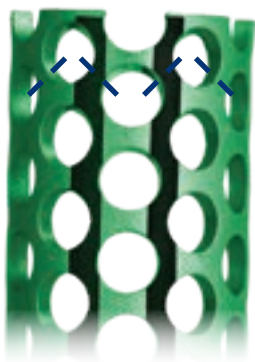
Rotating to next full hole



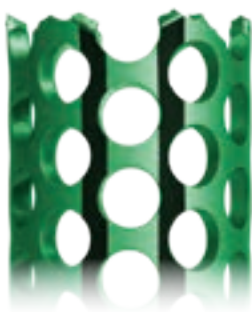
Complete endcap removal from mesh

OPTIONAL: CUTTING MESH

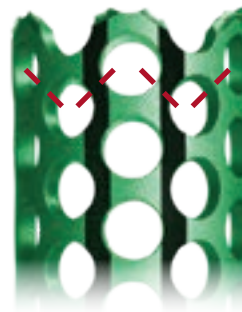
The mesh may be cut to the desired height if necessary. Locate the first full hole at the top of the spacer between a pair of double spacer etchings. Cut the mesh diagonally in a “V” pattern using a **Side Cutter** as shown below and at the end using either a Side or **End Cutter**.



Cut Mesh Diagonally



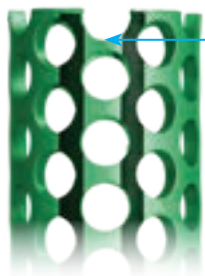
Correct



Incorrect



Tab



Lateral Slot

Lateral slot must be visible
for tab to properly seat

⚙️ USING THE END CUTTER

Use the End Cutter to cut lordosis or kyphosis into the spacer if using the spacer without an endcap.

Note: After cutting lordosis or kyphosis, an endcap will not fit the spacer.



ASSEMBLED IMPLANT HEIGHT GUIDE

Use the Assembled Implant Height Guide to determine total implant size. The Total Angulation column is the sum of the endcap angulations and the curve of the spacer (if applicable). 12x14mm and 14x16mm pre-cut spacers, heights 24mm and taller are curved. All other spacers are straight. Refer to the page numbers below for each footprint.

12x14mm Implants 22

14x16mm Implants 26

16x16mm Implants 30

21x23mm Implants 33

25x30mm Implants 39

COLOSSEUM™ 12x14mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.202	2mm, 0°	156.252	2mm, 0°	156.252
	3.5°	8mm	156.202	2mm, 0°	156.252	2mm, 3.5°	156.262
	7°	8mm	156.202	2mm, 3.5°	156.262	2mm, 3.5°	156.262
13mm	0°	8mm	156.202	2mm, 0°	156.252	3mm, 0°	156.253
	3.5°	8mm	156.202	2mm, 0°	156.252	3mm, 3.5°	156.263
	7°	8mm	156.202	2mm, 3.5°	156.262	3mm, 3.5°	156.263
14mm	0°	8mm	156.202	3mm, 0°	156.253	3mm, 0°	156.253
	3.5°	8mm	156.202	3mm, 0°	156.253	3mm, 3.5°	156.263
	7°	8mm	156.202	3mm, 3.5°	156.263	3mm, 3.5°	156.263
15mm	0°	8mm	156.202	3mm, 0°	156.253	4mm, 0°	156.254
	3.5°	8mm	156.202	3mm, 0°	156.253	4mm, 3.5°	156.264
	7°	8mm	156.202	3mm, 3.5°	156.263	4mm, 3.5°	156.264
16mm	0°	12mm	156.203	2mm, 0°	156.252	2mm, 0°	156.252
	3.5°	12mm	156.203	2mm, 0°	156.252	2mm, 3.5°	156.262
	7°	12mm	156.203	2mm, 3.5°	156.262	2mm, 3.5°	156.262
17mm	0°	12mm	156.203	2mm, 0°	156.252	3mm, 0°	156.253
	3.5°	12mm	156.203	2mm, 0°	156.252	3mm, 3.5°	156.263
	7°	12mm	156.203	2mm, 3.5°	156.262	3mm, 3.5°	156.263
18mm	0°	12mm	156.203	3mm, 0°	156.253	3mm, 0°	156.253
	3.5°	12mm	156.203	3mm, 0°	156.253	3mm, 3.5°	156.263
	7°	12mm	156.203	3mm, 3.5°	156.263	3mm, 3.5°	156.263
19mm	0°	12mm	156.203	3mm, 0°	156.253	4mm, 0°	156.254
	3.5°	12mm	156.203	3mm, 0°	156.253	4mm, 3.5°	156.264
	7°	12mm	156.203	3mm, 3.5°	156.263	4mm, 3.5°	156.264
20mm	0°	16mm	156.204	2mm, 0°	156.252	2mm, 0°	156.252
	3.5°	16mm	156.204	2mm, 0°	156.252	2mm, 3.5°	156.262
	7°	16mm	156.204	2mm, 3.5°	156.262	2mm, 3.5°	156.262

COLOSSEUM™ 12x14mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
21mm	0°	16mm	156.204	2mm, 0°	156.252	3mm, 0°	156.253
	3.5°	16mm	156.204	2mm, 0°	156.252	3mm, 3.5°	156.263
	7°	16mm	156.204	2mm, 3.5°	156.262	3mm, 3.5°	156.263
22mm	0°	16mm	156.204	3mm, 0°	156.253	3mm, 0°	156.253
	3.5°	16mm	156.204	3mm, 0°	156.253	3mm, 3.5°	156.263
	7°	16mm	156.204	3mm, 3.5°	156.263	3mm, 3.5°	156.263
23mm	0°	16mm	156.204	3mm, 0°	156.253	4mm, 0°	156.254
	3.5°	16mm	156.204	3mm, 0°	156.253	4mm, 3.5°	156.264
	7°	16mm	156.204	3mm, 3.5°	156.263	4mm, 3.5°	156.264
24mm	0°	20mm	156.205	2mm, 0°	156.252	2mm, 0°	156.252
	3.5°	20mm	156.205	2mm, 0°	156.252	2mm, 3.5°	156.262
	7°	20mm	156.205	2mm, 3.5°	156.262	2mm, 3.5°	156.262
25mm	0°	20mm	156.205	2mm, 0°	156.252	3mm, 0°	156.253
	3.5°	20mm	156.205	2mm, 0°	156.252	3mm, 3.5°	156.263
	7°	20mm	156.205	2mm, 3.5°	156.262	3mm, 3.5°	156.263
26mm	0°	20mm	156.205	3mm, 0°	156.253	3mm, 0°	156.253
	3.5°	20mm	156.205	3mm, 0°	156.253	3mm, 3.5°	156.263
	7°	20mm	156.205	3mm, 3.5°	156.263	3mm, 3.5°	156.263
27mm	0°	20mm	156.205	3mm, 0°	156.253	4mm, 0°	156.254
	3.5°	20mm	156.205	3mm, 0°	156.253	4mm, 3.5°	156.264
	7°	20mm	156.205	3mm, 3.5°	156.263	4mm, 3.5°	156.264
28mm	0°	24mm (C), 3°	156.206	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	24mm (C), 3°	156.206	2mm, 0°	156.252	2mm, 0°	156.252
	7°	24mm (C), 3°	156.206	2mm, 0°	156.252	2mm, 3.5°	156.262
	10.5°	24mm (C), 3°	156.206	2mm, 3.5°	156.262	2mm, 3.5°	156.262
29mm	0°	24mm (C), 3°	156.206	2mm, 0°	156.252	3mm, 3.5°	156.263
	3.5°	24mm (C), 3°	156.206	2mm, 0°	156.252	3mm, 0°	156.253
	7°	24mm (C), 3°	156.206	2mm, 0°	156.252	3mm, 3.5°	156.263
	10.5°	24mm (C), 3°	156.206	2mm, 3.5°	156.262	3mm, 3.5°	156.263
30mm	0°	24mm (C), 3°	156.206	3mm, 0°	156.253	3mm, 3.5°	156.263
	3.5°	24mm (C), 3°	156.206	3mm, 0°	156.253	3mm, 0°	156.253
	7°	24mm (C), 3°	156.206	3mm, 0°	156.253	3mm, 3.5°	156.263
	10.5°	24mm (C), 3°	156.206	3mm, 3.5°	156.263	3mm, 3.5°	156.263
31mm	0°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 3.5°	156.264
	3.5°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 0°	156.254
	7°	24mm (C), 3°	156.206	3mm, 0°	156.253	4mm, 3.5°	156.264
	10.5°	24mm (C), 3°	156.206	3mm, 3.5°	156.263	4mm, 3.5°	156.264
32mm	0°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 0°	156.252
	7°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	2mm, 3.5°	156.262
	10.5°	28mm (C), 3.5°	156.207	2mm, 3.5°	156.262	2mm, 3.5°	156.262
33mm	0°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 3.5°	156.263
	3.5°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 0°	156.253
	7°	28mm (C), 3.5°	156.207	2mm, 0°	156.252	3mm, 3.5°	156.263
	10.5°	28mm (C), 3.5°	156.207	2mm, 3.5°	156.262	3mm, 3.5°	156.263

*C denotes curved spacer.

COLOSSEUM™ 12x14mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
34mm	0°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	3mm, 3.5°	156.263
	3.5°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	3mm, 0°	156.253
	7°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	3mm, 3.5°	156.263
	10.5°	28mm (C), 3.5°	156.207	3mm, 3.5°	156.263	3mm, 3.5°	156.263
35mm	0°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	4mm, 3.5°	156.264
	3.5°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	4mm, 0°	156.254
	7°	28mm (C), 3.5°	156.207	3mm, 0°	156.253	4mm, 3.5°	156.264
	10.5°	28mm (C), 3.5°	156.207	3mm, 3.5°	156.263	4mm, 3.5°	156.264
36mm	0°	32mm (C), 4°	156.208	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	32mm (C), 4°	156.208	2mm, 0°	156.252	2mm, 0°	156.252
	7°	32mm (C), 4°	156.208	2mm, 0°	156.252	2mm, 3.5°	156.262
	10.5°	32mm (C), 4°	156.208	2mm, 3.5°	156.262	2mm, 3.5°	156.262
37mm	0°	32mm (C), 4°	156.208	2mm, 0°	156.252	3mm, 3.5°	156.263
	3.5°	32mm (C), 4°	156.208	2mm, 0°	156.252	3mm, 0°	156.253
	7°	32mm (C), 4°	156.208	2mm, 0°	156.252	3mm, 3.5°	156.263
	10.5°	32mm (C), 4°	156.208	2mm, 3.5°	156.262	3mm, 3.5°	156.263
38mm	0°	32mm (C), 4°	156.208	3mm, 0°	156.253	3mm, 3.5°	156.263
	3.5°	32mm (C), 4°	156.208	3mm, 0°	156.253	3mm, 0°	156.253
	7°	32mm (C), 4°	156.208	3mm, 0°	156.253	3mm, 3.5°	156.263
	10.5°	32mm (C), 4°	156.208	3mm, 3.5°	156.263	3mm, 3.5°	156.263
39mm	0°	32mm (C), 4°	156.208	3mm, 0°	156.253	4mm, 3.5°	156.264
	3.5°	32mm (C), 4°	156.208	3mm, 0°	156.253	4mm, 0°	156.254
	7°	32mm (C), 4°	156.208	3mm, 0°	156.253	4mm, 3.5°	156.264
	10.5°	32mm (C), 4°	156.208	3mm, 3.5°	156.263	4mm, 3.5°	156.264
40mm	0°	36mm (C), 4°	156.209	2mm, 0°	156.252	2mm, 3.5°	156.262
	3.5°	36mm (C), 4°	156.209	2mm, 0°	156.252	2mm, 0°	156.252
	7°	36mm (C), 4°	156.209	2mm, 0°	156.252	2mm, 3.5°	156.262
	10.5°	36mm (C), 4°	156.209	2mm, 3.5°	156.262	2mm, 3.5°	156.262
41mm	0°	36mm (C), 4°	156.209	2mm, 0°	156.252	3mm, 3.5°	156.263
	3.5°	36mm (C), 4°	156.209	2mm, 0°	156.252	3mm, 0°	156.253
	7°	36mm (C), 4°	156.209	2mm, 0°	156.252	3mm, 3.5°	156.263
	10.5°	36mm (C), 4°	156.209	2mm, 3.5°	156.262	3mm, 3.5°	156.263
42mm	0°	36mm (C), 4°	156.209	3mm, 0°	156.253	3mm, 3.5°	156.263
	3.5°	36mm (C), 4°	156.209	3mm, 0°	156.253	3mm, 0°	156.253
	7°	36mm (C), 4°	156.209	3mm, 0°	156.253	3mm, 3.5°	156.263
	10.5°	36mm (C), 4°	156.209	3mm, 3.5°	156.263	3mm, 3.5°	156.263
43mm	0°	36mm (C), 4°	156.209	3mm, 0°	156.253	4mm, 3.5°	156.264
	3.5°	36mm (C), 4°	156.209	3mm, 0°	156.253	4mm, 0°	156.254
	7°	36mm (C), 4°	156.209	3mm, 0°	156.253	4mm, 3.5°	156.264
	10.5°	36mm (C), 4°	156.209	3mm, 3.5°	156.263	4mm, 3.5°	156.264
44mm	1.5°	40mm (C), 5°	156.210	2mm, 0°	156.252	2mm, 3.5°	156.262
	5°	40mm (C), 5°	156.210	2mm, 0°	156.252	2mm, 0°	156.252
	8.5°	40mm (C), 5°	156.210	2mm, 0°	156.252	2mm, 3.5°	156.262
	12°	40mm (C), 5°	156.210	2mm, 3.5°	156.262	2mm, 3.5°	156.262

*C denotes curved spacer.

COLOSSEUM™ 12x14mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
45mm	1.5°	40mm (C), 5°	156.210	2mm, 0°	156.252	3mm, 3.5°	156.263
	5°	40mm (C), 5°	156.210	2mm, 0°	156.252	3mm, 0°	156.253
	8.5°	40mm (C), 5°	156.210	2mm, 0°	156.252	3mm, 3.5°	156.263
	12°	40mm (C), 5°	156.210	2mm, 3.5°	156.262	3mm, 3.5°	156.263
46mm	1.5°	40mm (C), 5°	156.210	3mm, 0°	156.253	3mm, 3.5°	156.263
	5°	40mm (C), 5°	156.210	3mm, 0°	156.253	3mm, 0°	156.253
	8.5°	40mm (C), 5°	156.210	3mm, 0°	156.253	3mm, 3.5°	156.263
	12°	40mm (C), 5°	156.210	3mm, 3.5°	156.263	3mm, 3.5°	156.263
47mm	1.5°	40mm (C), 5°	156.210	3mm, 0°	156.253	4mm, 3.5°	156.264
	5°	40mm (C), 5°	156.210	3mm, 0°	156.253	4mm, 0°	156.254
	8.5°	40mm (C), 5°	156.210	3mm, 0°	156.253	4mm, 3.5°	156.264
	12°	40mm (C), 5°	156.210	3mm, 3.5°	156.263	4mm, 3.5°	156.264
48mm	1.5°	44mm (C), 5°	156.211	2mm, 0°	156.252	2mm, 3.5°	156.262
	5°	44mm (C), 5°	156.211	2mm, 0°	156.252	2mm, 0°	156.252
	8.5°	44mm (C), 5°	156.211	2mm, 0°	156.252	2mm, 3.5°	156.262
	12°	44mm (C), 5°	156.211	2mm, 3.5°	156.262	2mm, 3.5°	156.262
49mm	1.5°	44mm (C), 5°	156.211	2mm, 0°	156.252	3mm, 3.5°	156.263
	5°	44mm (C), 5°	156.211	2mm, 0°	156.252	3mm, 0°	156.253
	8.5°	44mm (C), 5°	156.211	2mm, 0°	156.252	3mm, 3.5°	156.263
	12°	44mm (C), 5°	156.211	2mm, 3.5°	156.262	3mm, 3.5°	156.263
50mm	1.5°	44mm (C), 5°	156.211	3mm, 0°	156.253	3mm, 3.5°	156.263
	5°	44mm (C), 5°	156.211	3mm, 0°	156.253	3mm, 0°	156.253
	8.5°	44mm (C), 5°	156.211	3mm, 0°	156.253	3mm, 3.5°	156.263
	12°	44mm (C), 5°	156.211	3mm, 3.5°	156.263	3mm, 3.5°	156.263
51mm	1.5°	44mm (C), 5°	156.211	3mm, 0°	156.253	4mm, 3.5°	156.264
	5°	44mm (C), 5°	156.211	3mm, 0°	156.253	4mm, 0°	156.254
	8.5°	44mm (C), 5°	156.211	3mm, 0°	156.253	4mm, 3.5°	156.264
	12°	44mm (C), 5°	156.211	3mm, 3.5°	156.263	4mm, 3.5°	156.264
52mm	2°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	2mm, 3.5°	156.262
	5.5°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	2mm, 0°	156.252
	9°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	2mm, 3.5°	156.262
	12.5°	48mm (C), 5.5°	156.212	2mm, 3.5°	156.262	2mm, 3.5°	156.262
53mm	2°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	3mm, 3.5°	156.263
	5.5°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	3mm, 0°	156.253
	9°	48mm (C), 5.5°	156.212	2mm, 0°	156.252	3mm, 3.5°	156.263
	12.5°	48mm (C), 5.5°	156.212	2mm, 3.5°	156.262	3mm, 3.5°	156.263
54mm	2°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	3mm, 3.5°	156.263
	5.5°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	3mm, 0°	156.253
	9°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	3mm, 3.5°	156.263
	12.5°	48mm (C), 5.5°	156.212	3mm, 3.5°	156.263	3mm, 3.5°	156.263
55mm	2°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	4mm, 3.5°	156.264
	5.5°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	4mm, 0°	156.254
	9°	48mm (C), 5.5°	156.212	3mm, 0°	156.253	4mm, 3.5°	156.264
	12.5°	48mm (C), 5.5°	156.212	3mm, 3.5°	156.263	4mm, 3.5°	156.264

*C denotes curved spacer.

COLOSSEUM™ 14x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.502	2mm, 0°	156.552	2mm, 0°	156.552
	3.5°	8mm	156.502	2mm, 0°	156.552	2mm, 3.5°	156.562
	7°	8mm	156.502	2mm, 3.5°	156.562	2mm, 3.5°	156.562
13mm	0°	8mm	156.502	2mm, 0°	156.552	3mm, 0°	156.553
	3.5°	8mm	156.502	2mm, 0°	156.552	3mm, 3.5°	156.563
	7°	8mm	156.502	2mm, 3.5°	156.562	3mm, 3.5°	156.563
14mm	0°	8mm	156.502	3mm, 0°	156.553	3mm, 0°	156.553
	3.5°	8mm	156.502	3mm, 0°	156.553	3mm, 3.5°	156.563
	7°	8mm	156.502	3mm, 3.5°	156.563	3mm, 3.5°	156.563
15mm	0°	8mm	156.502	3mm, 0°	156.553	4mm, 0°	156.554
	3.5°	8mm	156.502	3mm, 0°	156.553	4mm, 3.5°	156.564
	7°	8mm	156.502	3mm, 3.5°	156.563	4mm, 3.5°	156.564
16mm	0°	12mm	156.503	2mm, 0°	156.552	2mm, 0°	156.552
	3.5°	12mm	156.503	2mm, 0°	156.552	2mm, 3.5°	156.562
	7°	12mm	156.503	2mm, 3.5°	156.562	2mm, 3.5°	156.562
17mm	0°	12mm	156.503	2mm, 0°	156.552	3mm, 0°	156.553
	3.5°	12mm	156.503	2mm, 0°	156.552	3mm, 3.5°	156.563
	7°	12mm	156.503	2mm, 3.5°	156.562	3mm, 3.5°	156.563
18mm	0°	12mm	156.503	3mm, 0°	156.553	3mm, 0°	156.553
	3.5°	12mm	156.503	3mm, 0°	156.553	3mm, 3.5°	156.563
	7°	12mm	156.503	3mm, 3.5°	156.563	3mm, 3.5°	156.563
19mm	0°	12mm	156.503	3mm, 0°	156.553	4mm, 0°	156.554
	3.5°	12mm	156.503	3mm, 0°	156.553	4mm, 3.5°	156.564
	7°	12mm	156.503	3mm, 3.5°	156.563	4mm, 3.5°	156.564
20mm	0°	16mm	156.504	2mm, 0°	156.552	2mm, 0°	156.552
	3.5°	16mm	156.504	2mm, 0°	156.552	2mm, 3.5°	156.562
	7°	16mm	156.504	2mm, 3.5°	156.562	2mm, 3.5°	156.562
21mm	0°	16mm	156.504	2mm, 0°	156.552	3mm, 0°	156.553
	3.5°	16mm	156.504	2mm, 0°	156.552	3mm, 3.5°	156.563
	7°	16mm	156.504	2mm, 3.5°	156.562	3mm, 3.5°	156.563
22mm	0°	16mm	156.504	3mm, 0°	156.553	3mm, 0°	156.553
	3.5°	16mm	156.504	3mm, 0°	156.553	3mm, 3.5°	156.563
	7°	16mm	156.504	3mm, 3.5°	156.563	3mm, 3.5°	156.563
23mm	0°	16mm	156.504	3mm, 0°	156.553	4mm, 0°	156.554
	3.5°	16mm	156.504	3mm, 0°	156.553	4mm, 3.5°	156.564
	7°	16mm	156.504	3mm, 3.5°	156.563	4mm, 3.5°	156.564
24mm	0°	20mm	156.505	2mm, 0°	156.552	2mm, 0°	156.552
	3.5°	20mm	156.505	2mm, 0°	156.552	2mm, 3.5°	156.562
	7°	20mm	156.505	2mm, 3.5°	156.562	2mm, 3.5°	156.562
25mm	0°	20mm	156.505	2mm, 0°	156.552	3mm, 0°	156.553
	3.5°	20mm	156.505	2mm, 0°	156.552	3mm, 3.5°	156.563
	7°	20mm	156.505	2mm, 3.5°	156.562	3mm, 3.5°	156.563
26mm	0°	20mm	156.505	3mm, 0°	156.553	3mm, 0°	156.553
	3.5°	20mm	156.505	3mm, 0°	156.553	3mm, 3.5°	156.563
	7°	20mm	156.505	3mm, 3.5°	156.563	3mm, 3.5°	156.563

COLOSSEUM™ 14x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
27mm	0°	20mm	156.505	3mm, 0°	156.553	4mm, 0°	156.554
	3.5°	20mm	156.505	3mm, 0°	156.553	4mm, 3.5°	156.564
	7°	20mm	156.505	3mm, 3.5°	156.563	4mm, 3.5°	156.564
28mm	0°	24mm (C), 3°	156.506	2mm, 0°	156.552	2mm, 3.5°	156.562
	3.5°	24mm (C), 3°	156.506	2mm, 0°	156.552	2mm, 0°	156.552
	7°	24mm (C), 3°	156.506	2mm, 0°	156.552	2mm, 3.5°	156.562
	10.5°	24mm (C), 3°	156.506	2mm, 3.5°	156.562	2mm, 3.5°	156.562
29mm	0°	24mm (C), 3°	156.506	2mm, 0°	156.552	3mm, 3.5°	156.563
	3.5°	24mm (C), 3°	156.506	2mm, 0°	156.552	3mm, 0°	156.553
	7°	24mm (C), 3°	156.506	2mm, 0°	156.552	3mm, 3.5°	156.563
	10.5°	24mm (C), 3°	156.506	2mm, 3.5°	156.562	3mm, 3.5°	156.563
30mm	0°	24mm (C), 3°	156.506	3mm, 0°	156.553	3mm, 3.5°	156.563
	3.5°	24mm (C), 3°	156.506	3mm, 0°	156.553	3mm, 0°	156.553
	7°	24mm (C), 3°	156.506	3mm, 0°	156.553	3mm, 3.5°	156.563
	10.5°	24mm (C), 3°	156.506	3mm, 3.5°	156.563	3mm, 3.5°	156.563
31mm	0°	24mm (C), 3°	156.506	3mm, 0°	156.553	4mm, 3.5°	156.564
	3.5°	24mm (C), 3°	156.506	3mm, 0°	156.553	4mm, 0°	156.554
	7°	24mm (C), 3°	156.506	3mm, 0°	156.553	4mm, 3.5°	156.564
	10.5°	24mm (C), 3°	156.506	3mm, 3.5°	156.563	4mm, 3.5°	156.564
32mm	0°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	2mm, 3.5°	156.562
	3.5°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	2mm, 0°	156.552
	7°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	2mm, 3.5°	156.562
	10.5°	28mm (C), 3.5°	156.507	2mm, 3.5°	156.562	2mm, 3.5°	156.562
33mm	0°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	3mm, 3.5°	156.563
	3.5°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	3mm, 0°	156.553
	7°	28mm (C), 3.5°	156.507	2mm, 0°	156.552	3mm, 3.5°	156.563
	10.5°	28mm (C), 3.5°	156.507	2mm, 3.5°	156.562	3mm, 3.5°	156.563
34mm	0°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	3mm, 3.5°	156.563
	3.5°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	3mm, 0°	156.553
	7°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	3mm, 3.5°	156.563
	10.5°	28mm (C), 3.5°	156.507	3mm, 3.5°	156.563	3mm, 3.5°	156.563
35mm	0°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	4mm, 3.5°	156.564
	3.5°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	4mm, 0°	156.554
	7°	28mm (C), 3.5°	156.507	3mm, 0°	156.553	4mm, 3.5°	156.564
	10.5°	28mm (C), 3.5°	156.507	3mm, 3.5°	156.563	4mm, 3.5°	156.564
36mm	0°	32mm (C), 4°	156.508	2mm, 0°	156.552	2mm, 3.5°	156.562
	3.5°	32mm (C), 4°	156.508	2mm, 0°	156.552	2mm, 0°	156.552
	7°	32mm (C), 4°	156.508	2mm, 0°	156.552	2mm, 3.5°	156.562
	10.5°	32mm (C), 4°	156.508	2mm, 3.5°	156.562	2mm, 3.5°	156.562
37mm	0°	32mm (C), 4°	156.508	2mm, 0°	156.552	3mm, 3.5°	156.563
	3.5°	32mm (C), 4°	156.508	2mm, 0°	156.552	3mm, 0°	156.553
	7°	32mm (C), 4°	156.508	2mm, 0°	156.552	3mm, 3.5°	156.563
	10.5°	32mm (C), 4°	156.508	2mm, 3.5°	156.562	3mm, 3.5°	156.563

*C denotes curved spacer.

COLOSSEUM™ 14x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
38mm	0°	32mm (C), 4°	156.508	3mm, 0°	156.553	3mm, 3.5°	156.563
	3.5°	32mm (C), 4°	156.508	3mm, 0°	156.553	3mm, 0°	156.553
	7°	32mm (C), 4°	156.508	3mm, 0°	156.553	3mm, 3.5°	156.563
	10.5°	32mm (C), 4°	156.508	3mm, 3.5°	156.563	3mm, 3.5°	156.563
39mm	0°	32mm (C), 4°	156.508	3mm, 0°	156.553	4mm, 3.5°	156.564
	3.5°	32mm (C), 4°	156.508	3mm, 0°	156.553	4mm, 0°	156.554
	7°	32mm (C), 4°	156.508	3mm, 0°	156.553	4mm, 3.5°	156.564
	10.5°	32mm (C), 4°	156.508	3mm, 3.5°	156.563	4mm, 3.5°	156.564
40mm	0°	36mm (C), 4°	156.509	2mm, 0°	156.552	2mm, 3.5°	156.562
	3.5°	36mm (C), 4°	156.509	2mm, 0°	156.552	2mm, 0°	156.552
	7°	36mm (C), 4°	156.509	2mm, 0°	156.552	2mm, 3.5°	156.562
	10.5°	36mm (C), 4°	156.509	2mm, 3.5°	156.562	2mm, 3.5°	156.562
41mm	0°	36mm (C), 4°	156.509	2mm, 0°	156.552	3mm, 3.5°	156.563
	3.5°	36mm (C), 4°	156.509	2mm, 0°	156.552	3mm, 0°	156.553
	7°	36mm (C), 4°	156.509	2mm, 0°	156.552	3mm, 3.5°	156.563
	10.5°	36mm (C), 4°	156.509	2mm, 3.5°	156.562	3mm, 3.5°	156.563
42mm	0°	36mm (C), 4°	156.509	3mm, 0°	156.553	3mm, 3.5°	156.563
	3.5°	36mm (C), 4°	156.509	3mm, 0°	156.553	3mm, 0°	156.553
	7°	36mm (C), 4°	156.509	3mm, 0°	156.553	3mm, 3.5°	156.563
	10.5°	36mm (C), 4°	156.509	3mm, 3.5°	156.563	3mm, 3.5°	156.563
43mm	0°	36mm (C), 4°	156.509	3mm, 0°	156.553	4mm, 3.5°	156.564
	3.5°	36mm (C), 4°	156.509	3mm, 0°	156.553	4mm, 0°	156.554
	7°	36mm (C), 4°	156.509	3mm, 0°	156.553	4mm, 3.5°	156.564
	10.5°	36mm (C), 4°	156.509	3mm, 3.5°	156.563	4mm, 3.5°	156.564
44mm	1.5°	40mm (C), 5°	156.510	2mm, 0°	156.552	2mm, 3.5°	156.562
	5°	40mm (C), 5°	156.510	2mm, 0°	156.552	2mm, 0°	156.552
	8.5°	40mm (C), 5°	156.510	2mm, 0°	156.552	2mm, 3.5°	156.562
	12°	40mm (C), 5°	156.510	2mm, 3.5°	156.562	2mm, 3.5°	156.562
45mm	1.5°	40mm (C), 5°	156.510	2mm, 0°	156.552	3mm, 3.5°	156.563
	5°	40mm (C), 5°	156.510	2mm, 0°	156.552	3mm, 0°	156.553
	8.5°	40mm (C), 5°	156.510	2mm, 0°	156.552	3mm, 3.5°	156.563
	12°	40mm (C), 5°	156.510	2mm, 3.5°	156.562	3mm, 3.5°	156.563
46mm	1.5°	40mm (C), 5°	156.510	3mm, 0°	156.553	3mm, 3.5°	156.563
	5°	40mm (C), 5°	156.510	3mm, 0°	156.553	3mm, 0°	156.553
	8.5°	40mm (C), 5°	156.510	3mm, 0°	156.553	3mm, 3.5°	156.563
	12°	40mm (C), 5°	156.510	3mm, 3.5°	156.563	3mm, 3.5°	156.563
47mm	1.5°	40mm (C), 5°	156.510	3mm, 0°	156.553	4mm, 3.5°	156.564
	5°	40mm (C), 5°	156.510	3mm, 0°	156.553	4mm, 0°	156.554
	8.5°	40mm (C), 5°	156.510	3mm, 0°	156.553	4mm, 3.5°	156.564
	12°	40mm (C), 5°	156.510	3mm, 3.5°	156.563	4mm, 3.5°	156.564
48mm	1.5°	44mm (C), 5°	156.511	2mm, 0°	156.552	2mm, 3.5°	156.562
	5°	44mm (C), 5°	156.511	2mm, 0°	156.552	2mm, 0°	156.552
	8.5°	44mm (C), 5°	156.511	2mm, 0°	156.552	2mm, 3.5°	156.562
	12°	44mm (C), 5°	156.511	2mm, 3.5°	156.562	2mm, 3.5°	156.562

*C denotes curved spacer.

COLOSSEUM™ 14x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height*	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
49mm	1.5°	44mm (C), 5°	156.511	2mm, 0°	156.552	3mm, 3.5°	156.563
	5°	44mm (C), 5°	156.511	2mm, 0°	156.552	3mm, 0°	156.553
	8.5°	44mm (C), 5°	156.511	2mm, 0°	156.552	3mm, 3.5°	156.563
	12°	44mm (C), 5°	156.511	2mm, 3.5°	156.562	3mm, 3.5°	156.563
50mm	1.5°	44mm (C), 5°	156.511	3mm, 0°	156.553	3mm, 3.5°	156.563
	5°	44mm (C), 5°	156.511	3mm, 0°	156.553	3mm, 0°	156.553
	8.5°	44mm (C), 5°	156.511	3mm, 0°	156.553	3mm, 3.5°	156.563
	12°	44mm (C), 5°	156.511	3mm, 3.5°	156.563	3mm, 3.5°	156.563
51mm	1.5°	44mm (C), 5°	156.511	3mm, 0°	156.553	4mm, 3.5°	156.564
	5°	44mm (C), 5°	156.511	3mm, 0°	156.553	4mm, 0°	156.554
	8.5°	44mm (C), 5°	156.511	3mm, 0°	156.553	4mm, 3.5°	156.564
	12°	44mm (C), 5°	156.511	3mm, 3.5°	156.563	4mm, 3.5°	156.564
52mm	2°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	2mm, 3.5°	156.562
	5.5°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	2mm, 0°	156.552
	9°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	2mm, 3.5°	156.562
	12.5°	48mm (C), 5.5°	156.512	2mm, 3.5°	156.562	2mm, 3.5°	156.562
53mm	2°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	3mm, 3.5°	156.563
	5.5°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	3mm, 0°	156.553
	9°	48mm (C), 5.5°	156.512	2mm, 0°	156.552	3mm, 3.5°	156.563
	12.5°	48mm (C), 5.5°	156.512	2mm, 3.5°	156.562	3mm, 3.5°	156.563
54mm	2°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	3mm, 3.5°	156.563
	5.5°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	3mm, 0°	156.553
	9°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	3mm, 3.5°	156.563
	12.5°	48mm (C), 5.5°	156.512	3mm, 3.5°	156.563	3mm, 3.5°	156.563
55mm	2°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	4mm, 3.5°	156.564
	5.5°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	4mm, 0°	156.554
	9°	48mm (C), 5.5°	156.512	3mm, 0°	156.553	4mm, 3.5°	156.564
	12.5°	48mm (C), 5.5°	156.512	3mm, 3.5°	156.563	4mm, 3.5°	156.564

*C denotes curved spacer.

COLOSSEUM™ 16x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.302	2mm, 0°	156.352	2mm, 0°	156.352
14mm	0°	8mm	156.302	2mm, 0°	156.352	4mm, 0°	156.354
	4°	8mm	156.302	2mm, 0°	156.352	4mm, 4°	156.362
	8°	8mm	156.302	2mm, 0°	156.352	4mm, 8°	156.372
16mm	0°	12mm	156.303	2mm, 0°	156.352	2mm, 0°	156.352
	0°	8mm	156.302	4mm, 0°	156.354	4mm, 0°	156.354
	4°	8mm	156.302	4mm, 0°	156.354	4mm, 4°	156.362
	8°	8mm	156.302	4mm, 4°	156.362	4mm, 4°	156.362
	8°	8mm	156.302	4mm, 0°	156.354	4mm, 8°	156.372
	12°	8mm	156.302	4mm, 4°	156.362	4mm, 8°	156.372
18mm	0°	12mm	156.303	2mm, 0°	156.352	4mm, 0°	156.354
	4°	12mm	156.303	2mm, 0°	156.352	4mm, 4°	156.362
	4°	8mm	156.302	4mm, 0°	156.354	6mm, 4°	156.364
	8°	12mm	156.303	2mm, 0°	156.352	4mm, 8°	156.372
	8°	8mm	156.302	4mm, 4°	156.362	6mm, 4°	156.364
	12°	8mm	156.302	6mm, 4°	156.364	4mm, 8°	156.372
20mm	0°	12mm	156.303	4mm, 0°	156.354	4mm, 0°	156.354
	0°	16mm	156.304	2mm, 0°	156.352	2mm, 0°	156.352
	4°	12mm	156.303	4mm, 0°	156.354	4mm, 4°	156.362
	8°	12mm	156.303	4mm, 4°	156.362	4mm, 4°	156.362
	12°	12mm	156.303	4mm, 4°	156.362	4mm, 8°	156.372
22mm	0°	16mm	156.304	2mm, 0°	156.352	4mm, 0°	156.354
	4°	16mm	156.304	2mm, 0°	156.352	4mm, 4°	156.362
	4°	12mm	156.303	4mm, 0°	156.354	6mm, 4°	156.364
	8°	16mm	156.304	2mm, 0°	156.352	4mm, 8°	156.372
	8°	12mm	156.303	4mm, 4°	156.362	6mm, 4°	156.364
	12°	12mm	156.303	6mm, 4°	156.364	4mm, 8°	156.372
24mm	0°	20mm	156.305	2mm, 0°	156.352	2mm, 0°	156.352
	0°	16mm	156.304	4mm, 0°	156.354	4mm, 0°	156.354
	4°	16mm	156.304	4mm, 0°	156.354	4mm, 4°	156.362
	8°	16mm	156.304	4mm, 0°	156.354	4mm, 8°	156.372
	8°	16mm	156.304	4mm, 4°	156.362	4mm, 4°	156.362
	12°	16mm	156.304	4mm, 4°	156.362	4mm, 8°	156.372
26mm	0°	20mm	156.305	2mm, 0°	156.352	4mm, 0°	156.354
	4°	20mm	156.305	2mm, 0°	156.352	4mm, 4°	156.362
	4°	16mm	156.304	4mm, 0°	156.354	6mm, 4°	156.364
	8°	20mm	156.305	2mm, 0°	156.352	4mm, 8°	156.372
	8°	16mm	156.304	4mm, 4°	156.362	6mm, 4°	156.364
	12°	16mm	156.304	6mm, 4°	156.364	4mm, 8°	156.372
28mm	0°	24mm	156.306	2mm, 0°	156.352	2mm, 0°	156.352
	0°	20mm	156.305	4mm, 0°	156.354	4mm, 0°	156.354
	4°	20mm	156.305	4mm, 0°	156.354	4mm, 4°	156.362
	8°	20mm	156.305	4mm, 0°	156.354	4mm, 8°	156.372
	8°	20mm	156.305	4mm, 4°	156.362	4mm, 4°	156.362
	12°	20mm	156.305	4mm, 4°	156.362	4mm, 8°	156.372

COLOSSEUM™ 16x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
30mm	0°	24mm	156.306	2mm, 0°	156.352	4mm, 0°	156.354
	4°	24mm	156.306	2mm, 0°	156.352	4mm, 4°	156.362
	4°	20mm	156.305	4mm, 0°	156.354	6mm, 4°	156.364
	8°	24mm	156.306	2mm, 0°	156.352	4mm, 8°	156.372
	8°	20mm	156.305	4mm, 4°	156.362	6mm, 4°	156.364
	12°	20mm	156.305	6mm, 4°	156.364	4mm, 8°	156.372
32mm	0°	28mm	156.307	2mm, 0°	156.352	2mm, 0°	156.352
	0°	24mm	156.306	4mm, 0°	156.354	4mm, 0°	156.354
	4°	24mm	156.306	4mm, 0°	156.354	4mm, 4°	156.362
	8°	24mm	156.306	4mm, 0°	156.354	4mm, 8°	156.372
	8°	24mm	156.306	4mm, 4°	156.362	4mm, 4°	156.362
	12°	24mm	156.306	4mm, 4°	156.362	4mm, 8°	156.372
34mm	0°	28mm	156.307	2mm, 0°	156.352	4mm, 0°	156.354
	4°	28mm	156.307	2mm, 0°	156.352	4mm, 4°	156.362
	4°	24mm	156.354	4mm, 0°	156.354	6mm, 4°	156.364
	8°	28mm	156.307	2mm, 0°	156.352	4mm, 8°	156.372
	8°	24mm	156.306	4mm, 4°	156.362	6mm, 4°	156.364
	12°	24mm	156.306	6mm, 4°	156.364	4mm, 8°	156.372
36mm	0°	28mm	156.307	4mm, 0°	156.354	4mm, 0°	156.354
	4°	28mm	156.307	4mm, 0°	156.354	4mm, 4°	156.362
	8°	28mm	156.307	4mm, 0°	156.354	4mm, 8°	156.372
	8°	28mm	156.307	4mm, 4°	156.362	4mm, 4°	156.362
	12°	28mm	156.307	4mm, 4°	156.362	4mm, 8°	156.372
38mm	0°	32mm	156.308	2mm, 0°	156.352	4mm, 0°	156.354
	4°	32mm	156.308	2mm, 0°	156.352	4mm, 4°	156.362
	4°	28mm	156.307	4mm, 0°	156.354	6mm, 4°	156.364
	8°	32mm	156.308	2mm, 0°	156.352	4mm, 8°	156.372
	8°	28mm	156.307	4mm, 4°	156.362	6mm, 4°	156.364
	12°	28mm	156.307	6mm, 4°	156.364	4mm, 8°	156.372
40mm	0°	36mm	156.309	2mm, 0°	156.352	2mm, 0°	156.352
	0°	32mm	156.308	4mm, 0°	156.354	4mm, 0°	156.354
	4°	32mm	156.308	4mm, 0°	156.354	4mm, 4°	156.362
	8°	32mm	156.308	4mm, 0°	156.354	4mm, 8°	156.372
	8°	32mm	156.308	4mm, 4°	156.362	4mm, 4°	156.362
	12°	32mm	156.308	4mm, 4°	156.362	4mm, 8°	156.372
42mm	0°	36mm	156.309	2mm, 0°	156.352	4mm, 0°	156.354
	4°	36mm	156.309	2mm, 0°	156.352	4mm, 4°	156.362
	4°	32mm	156.308	4mm, 0°	156.354	6mm, 4°	156.364
	8°	36mm	156.309	2mm, 0°	156.352	4mm, 8°	156.372
	8°	32mm	156.308	4mm, 4°	156.362	6mm, 4°	156.364
	12°	32mm	156.308	6mm, 4°	156.364	4mm, 8°	156.372

COLOSSEUM™ 16x16mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
44mm	0°	40mm	156.310	2mm, 0°	156.352	2mm, 0°	156.352
	0°	36mm	156.309	4mm, 0°	156.354	4mm, 0°	156.354
	4°	36mm	156.309	4mm, 0°	156.354	4mm, 4°	156.362
	8°	36mm	156.309	4mm, 0°	156.354	4mm, 8°	156.372
	8°	36mm	156.309	4mm, 4°	156.362	4mm, 4°	156.362
	12°	36mm	156.309	4mm, 4°	156.362	4mm, 8°	156.372
46mm	0°	40mm	156.310	2mm, 0°	156.352	4mm, 0°	156.354
	4°	40mm	156.310	2mm, 0°	156.352	4mm, 4°	156.362
	4°	36mm	156.309	4mm, 0°	156.354	6mm, 4°	156.364
	8°	40mm	156.352	2mm, 0°	156.352	4mm, 8°	156.372
	8°	36mm	156.309	4mm, 4°	156.362	6mm, 4°	156.364
	12°	36mm	156.309	6mm, 4°	156.364	4mm, 8°	156.372
48mm	0°	44mm	156.311	2mm, 0°	156.352	2mm, 0°	156.352
	0°	40mm	156.310	4mm, 0°	156.354	4mm, 0°	156.354
	4°	40mm	156.310	4mm, 0°	156.354	4mm, 4°	156.362
	8°	40mm	156.310	4mm, 0°	156.354	4mm, 8°	156.372
	8°	40mm	156.310	4mm, 4°	156.362	4mm, 4°	156.362
50mm	0°	44mm	156.311	2mm, 0°	156.352	4mm, 0°	156.354
	4°	44mm	156.311	2mm, 0°	156.352	4mm, 4°	156.362
	4°	40mm	156.310	4mm, 0°	156.354	6mm, 4°	156.364
	8°	44mm	156.311	2mm, 0°	156.352	4mm, 8°	156.372
	8°	40mm	156.310	4mm, 4°	156.362	6mm, 4°	156.364
	12°	40mm	156.310	6mm, 4°	156.364	4mm, 8°	156.372
52mm	0°	48mm	156.312	2mm, 0°	156.352	2mm, 0°	156.352
	0°	44mm	156.311	4mm, 0°	156.354	4mm, 0°	156.354
	4°	44mm	156.311	4mm, 0°	156.354	4mm, 4°	156.362
	8°	44mm	156.311	4mm, 0°	156.354	4mm, 8°	156.372
	8°	44mm	156.311	4mm, 4°	156.362	4mm, 4°	156.362
	12°	44mm	156.311	4mm, 4°	156.362	4mm, 8°	156.372
54mm	0°	48mm	156.352	2mm, 0°	156.352	4mm, 0°	156.354
	4°	48mm	156.312	2mm, 0°	156.352	4mm, 4°	156.362
	4°	44mm	156.311	4mm, 0°	156.354	6mm, 4°	156.364
	8°	48mm	156.312	2mm, 0°	156.352	4mm, 8°	156.372
	8°	44mm	156.311	4mm, 4°	156.362	6mm, 4°	156.364
	12°	44mm	156.311	6mm, 4°	156.364	4mm, 8°	156.372
56mm	0°	48mm	156.312	4mm, 0°	156.354	4mm, 0°	156.354
	4°	48mm	156.312	4mm, 0°	156.354	4mm, 4°	156.362
	8°	48mm	156.312	4mm, 0°	156.354	4mm, 8°	156.372
	8°	48mm	156.312	4mm, 4°	156.362	4mm, 4°	156.362
	12°	48mm	156.312	4mm, 4°	156.362	4mm, 8°	156.372
58mm	4°	48mm	156.312	4mm, 0°	156.354	6mm, 4°	156.364
	8°	48mm	156.312	4mm, 4°	156.362	6mm, 4°	156.364
	12°	48mm	156.312	6mm, 4°	156.364	4mm, 8°	156.372

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.702	2mm, 0°	156.752	2mm, 0°	156.752
14mm	0°	8mm	156.702	2mm, 0°	156.752	4mm, 0°	156.754
	4°	8mm	156.702	2mm, 0°	156.752	4mm, 4°	156.762
	8°	8mm	156.702	2mm, 0°	156.752	4mm, 8°	156.772
16mm	0°	12mm	156.703	2mm, 0°	156.752	2mm, 0°	156.752
	0°	8mm	156.702	4mm, 0°	156.754	4mm, 0°	156.754
	4°	8mm	156.702	2mm, 0°	156.752	6mm, 4°	156.764
	4°	8mm	156.702	4mm, 0°	156.754	4mm, 4°	156.762
	8°	8mm	156.702	2mm, 0°	156.752	6mm, 8°	156.774
	8°	8mm	156.702	4mm, 4°	156.762	4mm, 4°	156.762
	12°	8mm	156.702	2mm, 0°	156.752	6mm, 12°	156.782
	12°	8mm	156.702	4mm, 4°	156.762	4mm, 8°	156.772
18mm	0°	12mm	156.703	2mm, 0°	156.752	4mm, 0°	156.754
	4°	8mm	156.702	4mm, 0°	156.754	6mm, 4°	156.764
	4°	12mm	156.703	2mm, 0°	156.752	4mm, 4°	156.762
	8°	8mm	156.702	4mm, 4°	156.762	6mm, 4°	156.764
	8°	12mm	156.703	2mm, 0°	156.752	4mm, 8°	156.772
	12°	8mm	156.702	4mm, 4°	156.762	6mm, 8°	156.774
	20°	8mm	156.702	4mm, 8°	156.772	6mm, 12°	156.782
20mm	0°	16mm	156.704	2mm, 0°	156.752	2mm, 0°	156.752
	4°	12mm	156.703	4mm, 0°	156.754	4mm, 4°	156.762
	4°	12mm	156.703	2mm, 0°	156.752	6mm, 4°	156.764
	8°	12mm	156.703	4mm, 4°	156.762	4mm, 4°	156.762
	8°	12mm	156.703	2mm, 0°	156.752	6mm, 8°	156.774
	12°	8mm	156.702	6mm, 4°	156.764	6mm, 8°	156.774
	12°	12mm	156.703	4mm, 4°	156.762	4mm, 8°	156.772
	12°	12mm	156.703	2mm, 0°	156.752	6mm, 12°	156.782
	16°	12mm	156.703	4mm, 8°	156.772	4mm, 8°	156.772
	20°	12mm	156.703	2mm, 0°	156.752	6mm, 12°	156.782
	20°	8mm	156.702	6mm, 8°	156.774	6mm, 12°	156.782
	24°	8mm	156.702	6mm, 12°	156.782	6mm, 12°	156.782
22mm	0°	16mm	156.704	2mm, 0°	156.752	4mm, 0°	156.754
	4°	12mm	156.703	4mm, 0°	156.754	6mm, 4°	156.764
	4°	16mm	156.704	2mm, 0°	156.752	4mm, 4°	156.762
	8°	16mm	156.704	2mm, 0°	156.752	4mm, 8°	156.772
	8°	12mm	156.703	4mm, 4°	156.762	6mm, 4°	156.764
	8°	12mm	156.703	4mm, 0°	156.754	6mm, 8°	156.774
	12°	12mm	156.703	4mm, 0°	156.754	6mm, 12°	156.782
	12°	12mm	156.703	4mm, 8°	156.772	6mm, 4°	156.764
	12°	12mm	156.703	4mm, 4°	156.762	6mm, 8°	156.774
	16°	12mm	156.703	4mm, 4°	156.762	6mm, 12°	156.782
	16°	12mm	156.703	4mm, 8°	156.772	6mm, 8°	156.774
	20°	12mm	156.703	4mm, 8°	156.772	6mm, 12°	156.782

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
24mm	0°	20mm	156.705	2mm, 0°	156.752	2mm, 0°	156.752
	4°	16mm	156.704	4mm, 0°	156.754	4mm, 4°	156.762
	4°	16mm	156.704	2mm, 0°	156.752	6mm, 4°	156.764
	8°	16mm	156.704	4mm, 4°	156.762	4mm, 4°	156.762
	8°	16mm	156.704	2mm, 0°	156.752	6mm, 8°	156.774
	12°	12mm	156.703	6mm, 4°	156.764	6mm, 8°	156.774
	12°	16mm	156.704	4mm, 4°	156.762	4mm, 8°	156.772
	12°	16mm	156.704	2mm, 0°	156.752	6mm, 12°	156.782
	16°	16mm	156.704	4mm, 8°	156.772	4mm, 8°	156.772
	20°	12mm	156.703	6mm, 8°	156.774	6mm, 12°	156.782
	24°	12mm	156.703	6mm, 12°	156.782	6mm, 12°	156.782
26mm	0°	20mm	156.705	2mm, 0°	156.752	4mm, 0°	156.754
	4°	16mm	156.704	4mm, 0°	156.754	6mm, 4°	156.764
	4°	20mm	156.705	2mm, 0°	156.752	4mm, 4°	156.762
	8°	20mm	156.705	2mm, 0°	156.752	4mm, 8°	156.772
	8°	16mm	156.704	4mm, 4°	156.762	6mm, 4°	156.764
	8°	16mm	156.704	4mm, 0°	156.754	6mm, 8°	156.774
	12°	16mm	156.704	4mm, 0°	156.754	6mm, 12°	156.782
	12°	16mm	156.704	4mm, 8°	156.772	6mm, 4°	156.764
	12°	16mm	156.704	4mm, 4°	156.762	6mm, 8°	156.774
	16°	16mm	156.704	4mm, 4°	156.762	6mm, 12°	156.782
	16°	16mm	156.704	4mm, 8°	156.772	6mm, 8°	156.774
	20°	16mm	156.704	4mm, 8°	156.772	6mm, 12°	156.782
28mm	0°	24mm	156.706	2mm, 0°	156.752	2mm, 0°	156.752
	4°	20mm	156.705	4mm, 0°	156.754	4mm, 4°	156.762
	4°	20mm	156.705	2mm, 0°	156.752	6mm, 4°	156.764
	8°	20mm	156.705	4mm, 4°	156.762	4mm, 4°	156.762
	8°	20mm	156.705	2mm, 0°	156.752	6mm, 8°	156.774
	12°	16mm	156.704	6mm, 4°	156.764	6mm, 8°	156.774
	12°	20mm	156.705	4mm, 4°	156.762	4mm, 8°	156.772
	12°	20mm	156.705	2mm, 0°	156.752	6mm, 12°	156.782
	16°	20mm	156.705	4mm, 8°	156.772	4mm, 8°	156.772
	20°	16mm	156.704	6mm, 8°	156.774	6mm, 12°	156.782
	24°	16mm	156.704	6mm, 12°	156.782	6mm, 12°	156.782
30mm	0°	24mm	156.706	2mm, 0°	156.752	4mm, 0°	156.754
	4°	20mm	156.705	4mm, 0°	156.754	6mm, 4°	156.764
	4°	24mm	156.706	2mm, 0°	156.752	4mm, 4°	156.762
	8°	24mm	156.706	2mm, 0°	156.752	4mm, 8°	156.772
	8°	20mm	156.705	4mm, 4°	156.762	6mm, 4°	156.764
	8°	20mm	156.705	4mm, 0°	156.754	6mm, 8°	156.774
	12°	20mm	156.705	4mm, 0°	156.754	6mm, 12°	156.782
	12°	20mm	156.705	4mm, 8°	156.772	6mm, 4°	156.764
	12°	20mm	156.705	4mm, 4°	156.762	6mm, 8°	156.774
	16°	20mm	156.705	4mm, 4°	156.762	6mm, 12°	156.782
	16°	20mm	156.705	4mm, 8°	156.772	6mm, 8°	156.774
	20°	20mm	156.705	4mm, 8°	156.772	6mm, 12°	156.782

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
32mm	0°	28mm	156.707	2mm, 0°	156.752	2mm, 0°	156.752
	4°	24mm	156.706	4mm, 0°	156.754	4mm, 4°	156.762
	4°	24mm	156.706	2mm, 0°	156.752	6mm, 4°	156.764
	8°	24mm	156.706	4mm, 4°	156.762	4mm, 4°	156.762
	8°	24mm	156.706	2mm, 0°	156.752	6mm, 8°	156.774
	12°	20mm	156.705	6mm, 4°	156.764	6mm, 8°	156.774
	12°	24mm	156.706	4mm, 4°	156.762	4mm, 8°	156.772
	12°	24mm	156.706	2mm, 0°	156.752	6mm, 12°	156.782
	16°	24mm	156.706	4mm, 8°	156.772	4mm, 8°	156.772
	20°	20mm	156.705	6mm, 8°	156.774	6mm, 12°	156.782
	24°	20mm	156.705	6mm, 12°	156.782	6mm, 12°	156.782
34mm	0°	28mm	156.707	2mm, 0°	156.752	4mm, 0°	156.754
	4°	24mm	156.706	4mm, 0°	156.754	6mm, 4°	156.764
	4°	28mm	156.707	2mm, 0°	156.752	4mm, 4°	156.762
	8°	28mm	156.707	2mm, 0°	156.752	4mm, 8°	156.772
	8°	24mm	156.706	4mm, 4°	156.762	6mm, 4°	156.764
	8°	24mm	156.706	4mm, 0°	156.754	6mm, 8°	156.774
	12°	24mm	156.706	4mm, 0°	156.754	6mm, 12°	156.782
	12°	24mm	156.706	4mm, 8°	156.772	6mm, 4°	156.764
	12°	24mm	156.706	4mm, 4°	156.762	6mm, 8°	156.774
	16°	24mm	156.706	4mm, 4°	156.762	6mm, 12°	156.782
	16°	24mm	156.706	4mm, 8°	156.772	6mm, 8°	156.774
	20°	24mm	156.706	4mm, 8°	156.772	6mm, 12°	156.782
36mm	0°	32mm	156.708	2mm, 0°	156.752	2mm, 0°	156.752
	4°	28mm	156.707	4mm, 0°	156.754	4mm, 4°	156.762
	4°	28mm	156.707	2mm, 0°	156.752	6mm, 4°	156.764
	8°	28mm	156.707	4mm, 4°	156.762	4mm, 4°	156.762
	8°	28mm	156.707	2mm, 0°	156.752	6mm, 8°	156.774
	12°	24mm	156.706	6mm, 4°	156.764	6mm, 8°	156.774
	12°	28mm	156.707	4mm, 4°	156.762	4mm, 8°	156.772
	12°	28mm	156.707	2mm, 0°	156.752	6mm, 12°	156.782
	16°	28mm	156.707	4mm, 8°	156.772	4mm, 8°	156.772
	20°	24mm	156.706	6mm, 8°	156.774	6mm, 12°	156.782
	24°	24mm	156.706	6mm, 12°	156.782	6mm, 12°	156.782
38mm	0°	32mm	156.708	2mm, 0°	156.752	4mm, 0°	156.754
	4°	28mm	156.707	4mm, 0°	156.754	6mm, 4°	156.764
	4°	32mm	156.708	2mm, 0°	156.752	4mm, 4°	156.762
	8°	32mm	156.708	2mm, 0°	156.752	4mm, 8°	156.772
	8°	28mm	156.707	4mm, 4°	156.762	6mm, 4°	156.764
	8°	28mm	156.707	4mm, 0°	156.754	6mm, 8°	156.774
	12°	28mm	156.707	4mm, 0°	156.754	6mm, 12°	156.782
	12°	28mm	156.707	4mm, 8°	156.772	6mm, 4°	156.764
	12°	28mm	156.707	4mm, 4°	156.762	6mm, 8°	156.774
	16°	28mm	156.707	4mm, 4°	156.762	6mm, 12°	156.782

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
40mm	4°	32mm	156.708	2mm, 0°	156.752	6mm, 4°	156.764
	8°	32mm	156.708	4mm, 4°	156.762	4mm, 4°	156.762
	8°	32mm	156.708	2mm, 0°	156.752	6mm, 8°	156.774
	12°	28mm	156.707	6mm, 4°	156.764	6mm, 8°	156.774
	12°	32mm	156.708	4mm, 4°	156.762	4mm, 8°	156.772
	12°	32mm	156.708	2mm, 0°	156.752	6mm, 12°	156.782
	16°	32mm	156.708	4mm, 8°	156.772	4mm, 8°	156.772
	20°	28mm	156.707	6mm, 8°	156.774	6mm, 12°	156.782
	24°	28mm	156.707	6mm, 12°	156.782	6mm, 12°	156.782
42mm	0°	36mm	156.709	2mm, 0°	156.752	4mm, 0°	156.754
	4°	32mm	156.708	4mm, 0°	156.754	6mm, 4°	156.764
	4°	36mm	156.709	2mm, 0°	156.752	4mm, 4°	156.762
	8°	32mm	156.708	2mm, 0°	156.752	4mm, 8°	156.772
	8°	28mm	156.707	4mm, 4°	156.762	6mm, 4°	156.764
	8°	28mm	156.707	4mm, 0°	156.754	6mm, 8°	156.774
	12°	28mm	156.707	4mm, 0°	156.754	6mm, 12°	156.782
	12°	28mm	156.707	4mm, 8°	156.772	6mm, 4°	156.764
	12°	28mm	156.707	4mm, 4°	156.762	6mm, 8°	156.774
	16°	28mm	156.707	4mm, 4°	156.762	6mm, 12°	156.782
	16°	28mm	156.707	4mm, 8°	156.772	6mm, 8°	156.774
	20°	28mm	156.707	4mm, 8°	156.772	6mm, 12°	156.782
44mm	0°	40mm	156.710	2mm, 0°	156.752	2mm, 0°	156.752
	4°	36mm	156.709	4mm, 0°	156.754	4mm, 4°	156.762
	4°	36mm	156.709	2mm, 0°	156.752	6mm, 4°	156.764
	8°	36mm	156.709	4mm, 4°	156.762	4mm, 4°	156.762
	8°	36mm	156.709	2mm, 0°	156.752	6mm, 8°	156.774
	12°	32mm	156.708	6mm, 4°	156.764	6mm, 8°	156.774
	12°	36mm	156.709	4mm, 4°	156.762	4mm, 8°	156.772
	12°	36mm	156.709	2mm, 0°	156.752	6mm, 12°	156.782
	16°	36mm	156.709	4mm, 8°	156.772	4mm, 8°	156.772
	20°	32mm	156.708	6mm, 8°	156.774	6mm, 12°	156.782
	24°	32mm	156.708	6mm, 12°	156.782	6mm, 12°	156.782
46mm	0°	40mm	156.710	2mm, 0°	156.752	4mm, 0°	156.754
	4°	36mm	156.709	4mm, 0°	156.754	6mm, 4°	156.764
	4°	40mm	156.710	2mm, 0°	156.752	4mm, 4°	156.762
	8°	40mm	156.710	2mm, 0°	156.752	4mm, 8°	156.772
	8°	36mm	156.709	4mm, 4°	156.762	6mm, 4°	156.764
	8°	36mm	156.709	4mm, 0°	156.754	6mm, 8°	156.774
	12°	36mm	156.709	4mm, 0°	156.754	6mm, 12°	156.782
	12°	36mm	156.709	4mm, 8°	156.772	6mm, 4°	156.764
	12°	36mm	156.709	4mm, 4°	156.762	6mm, 8°	156.774
	16°	36mm	156.709	4mm, 4°	156.762	6mm, 12°	156.782
	16°	36mm	156.709	4mm, 8°	156.772	6mm, 8°	156.774
	20°	36mm	156.709	4mm, 8°	156.772	6mm, 12°	156.782

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
48mm	0°	44mm	156.711	2mm, 0°	156.752	2mm, 0°	156.752
	4°	40mm	156.710	4mm, 0°	156.754	4mm, 4°	156.762
	4°	40mm	156.710	2mm, 0°	156.752	6mm, 4°	156.764
	8°	40mm	156.710	4mm, 4°	156.762	4mm, 4°	156.762
	8°	40mm	156.710	2mm, 0°	156.752	6mm, 8°	156.774
	12°	36mm	156.709	6mm, 4°	156.764	6mm, 8°	156.774
	12°	40mm	156.710	4mm, 4°	156.762	4mm, 8°	156.772
	12°	40mm	156.710	2mm, 0°	156.752	6mm, 12°	156.782
	16°	40mm	156.710	4mm, 8°	156.772	4mm, 8°	156.772
	20°	36mm	156.709	6mm, 8°	156.774	6mm, 12°	156.782
	24°	36mm	156.709	6mm, 12°	156.782	6mm, 12°	156.782
50mm	0°	44mm	156.711	2mm, 0°	156.752	4mm, 0°	156.754
	4°	40mm	156.710	4mm, 0°	156.754	6mm, 4°	156.764
	4°	44mm	156.711	2mm, 0°	156.752	4mm, 4°	156.762
	8°	44mm	156.711	2mm, 0°	156.752	4mm, 8°	156.772
	8°	40mm	156.710	4mm, 4°	156.762	6mm, 4°	156.764
	8°	40mm	156.710	4mm, 0°	156.754	6mm, 8°	156.774
	12°	40mm	156.710	4mm, 0°	156.754	6mm, 12°	156.782
	12°	40mm	156.710	4mm, 8°	156.772	6mm, 4°	156.764
	12°	40mm	156.710	4mm, 4°	156.762	6mm, 8°	156.774
	16°	40mm	156.710	4mm, 4°	156.762	6mm, 12°	156.782
	16°	40mm	156.710	4mm, 8°	156.772	6mm, 8°	156.774
	20°	40mm	156.710	4mm, 8°	156.772	6mm, 12°	156.782
52mm	0°	48mm	156.712	2mm, 0°	156.752	2mm, 0°	156.752
	4°	44mm	156.711	4mm, 0°	156.754	4mm, 4°	156.762
	4°	44mm	156.711	2mm, 0°	156.752	6mm, 4°	156.764
	8°	44mm	156.711	4mm, 4°	156.762	4mm, 4°	156.762
	8°	44mm	156.711	2mm, 0°	156.752	6mm, 8°	156.774
	12°	40mm	156.710	6mm, 4°	156.764	6mm, 8°	156.774
	12°	44mm	156.711	4mm, 4°	156.762	4mm, 8°	156.772
	12°	44mm	156.711	2mm, 0°	156.752	6mm, 12°	156.782
	16°	44mm	156.711	4mm, 8°	156.772	4mm, 8°	156.772
	20°	40mm	156.710	6mm, 8°	156.774	6mm, 12°	156.782
	24°	40mm	156.710	6mm, 12°	156.782	6mm, 12°	156.782
54mm	0°	48mm	156.712	2mm, 0°	156.752	4mm, 0°	156.754
	4°	44mm	156.711	4mm, 0°	156.754	6mm, 4°	156.764
	4°	48mm	156.712	2mm, 0°	156.752	4mm, 4°	156.762
	8°	48mm	156.712	2mm, 0°	156.752	4mm, 8°	156.772
	8°	44mm	156.711	4mm, 4°	156.762	6mm, 4°	156.764
	8°	44mm	156.711	4mm, 0°	156.754	6mm, 8°	156.774
	12°	44mm	156.711	4mm, 0°	156.754	6mm, 12°	156.782
	12°	44mm	156.711	4mm, 8°	156.772	6mm, 4°	156.764
	12°	44mm	156.711	4mm, 4°	156.762	6mm, 8°	156.774
	16°	44mm	156.711	4mm, 4°	156.762	6mm, 12°	156.782
	16°	44mm	156.711	4mm, 8°	156.772	6mm, 8°	156.774
	20°	44mm	156.711	4mm, 8°	156.772	6mm, 12°	156.782

COLOSSEUM™ 21x23mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
56mm	4°	48mm	156.712	4mm, 0°	156.754	4mm, 4°	156.762
	4°	48mm	156.712	2mm, 0°	156.752	6mm, 4°	156.764
	8°	48mm	156.712	2mm, 0°	156.752	6mm, 8°	156.774
	12°	44mm	156.711	6mm, 4°	156.764	6mm, 8°	156.774
	12°	48mm	156.712	4mm, 4°	156.762	4mm, 8°	156.772
	12°	48mm	156.712	2mm, 0°	156.752	6mm, 12°	156.782
	16°	48mm	156.712	4mm, 8°	156.772	4mm, 8°	156.772
	20°	44mm	156.711	6mm, 8°	156.774	6mm, 12°	156.782
	24°	44mm	156.711	6mm, 12°	156.782	6mm, 12°	156.782
58mm	4°	48mm	156.712	4mm, 0°	156.754	6mm, 4°	156.764
	8°	48mm	156.712	4mm, 4°	156.762	6mm, 4°	156.764
	8°	48mm	156.712	4mm, 0°	156.754	6mm, 8°	156.774
	12°	48mm	156.712	4mm, 0°	156.754	6mm, 12°	156.782
	12°	48mm	156.712	4mm, 8°	156.772	6mm, 4°	156.764
	12°	48mm	156.712	4mm, 4°	156.762	6mm, 8°	156.774
	16°	48mm	156.712	4mm, 4°	156.762	6mm, 12°	156.782
	16°	48mm	156.712	4mm, 8°	156.772	6mm, 8°	156.774
	20°	48mm	156.712	4mm, 8°	156.772	6mm, 12°	156.782
60mm	12°	48mm	156.712	6mm, 4°	156.764	6mm, 8°	156.774
	20°	48mm	156.712	6mm, 8°	156.774	6mm, 12°	156.782
	24°	48mm	156.712	6mm, 12°	156.782	6mm, 12°	156.782

COLOSSEUM™ 25x30mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
12mm	0°	8mm	156.902	2mm, 0°	156.952	2mm, 0°	156.952
14mm	0°	8mm	156.902	2mm, 0°	156.952	4mm, 0°	156.954
	4°	8mm	156.902	2mm, 0°	156.952	4mm, 4°	156.962
16mm	0°	12mm	156.903	2mm, 0°	156.952	2mm, 0°	156.952
	0°	8mm	156.902	4mm, 0°	156.954	4mm, 0°	156.954
	4°	8mm	156.902	4mm, 0°	156.954	4mm, 4°	156.962
	8°	8mm	156.902	4mm, 4°	156.962	4mm, 4°	156.962
18mm	0°	12mm	156.903	2mm, 0°	156.952	4mm, 0°	156.954
	4°	12mm	156.903	2mm, 0°	156.952	4mm, 4°	156.962
	4°	8mm	156.902	4mm, 0°	156.954	6mm, 4°	156.964
	8°	8mm	156.902	4mm, 4°	156.962	6mm, 4°	156.964
	12°	8mm	156.902	4mm, 4°	156.962	6mm, 8°	156.972
20mm	0°	16mm	156.904	2mm, 0°	156.952	2mm, 0°	156.952
	4°	12mm	156.903	4mm, 0°	156.954	4mm, 4°	156.962
	8°	8mm	156.902	4mm, 0°	156.954	8mm, 8°	156.974
	8°	12mm	156.903	4mm, 4°	156.962	4mm, 4°	156.962
	8°	8mm	156.902	6mm, 4°	156.964	6mm, 4°	156.964
	12°	8mm	156.902	4mm, 0°	156.954	8mm, 12°	156.982
	12°	8mm	156.902	4mm, 4°	156.962	8mm, 8°	156.974
	12°	8mm	156.902	6mm, 4°	156.964	6mm, 8°	156.972
	16°	8mm	156.902	6mm, 8°	156.972	6mm, 8°	156.972
	16°	8mm	156.902	4mm, 4°	156.962	8mm, 12°	156.982
22mm	0°	16mm	156.904	2mm, 0°	156.952	4mm, 0°	156.954
	4°	16mm	156.904	2mm, 0°	156.952	4mm, 4°	156.962
	4°	12mm	156.903	4mm, 0°	156.954	6mm, 4°	156.964
	8°	12mm	156.903	4mm, 4°	156.962	6mm, 4°	156.964
	8°	12mm	156.903	4mm, 0°	156.954	6mm, 8°	156.972
	12°	12mm	156.903	4mm, 4°	156.962	6mm, 8°	156.972
	12°	8mm	156.902	6mm, 4°	156.964	8mm, 8°	156.974
	16°	8mm	156.902	6mm, 8°	156.972	8mm, 8°	156.974
	20°	8mm	156.902	6mm, 8°	156.972	8mm, 12°	156.982
24mm	0°	20mm	156.905	2mm, 0°	156.952	2mm, 0°	156.952
	4°	16mm	156.904	2mm, 0°	156.952	6mm, 4°	156.964
	4°	16mm	156.904	4mm, 0°	156.954	4mm, 4°	156.962
	8°	16mm	156.904	2mm, 0°	156.952	6mm, 8°	156.972
	8°	16mm	156.904	4mm, 4°	156.962	4mm, 4°	156.962
	8°	12mm	156.903	4mm, 0°	156.954	8mm, 8°	156.974
	12°	12mm	156.903	6mm, 4°	156.964	6mm, 8°	156.972
	12°	12mm	156.903	4mm, 4°	156.962	8mm, 8°	156.974
	16°	12mm	156.903	6mm, 8°	156.972	6mm, 8°	156.972
	20°	8mm	156.902	8mm, 8°	156.974	8mm, 12°	156.982
	24°	8mm	156.902	8mm, 12°	156.982	8mm, 12°	156.982
26mm	0°	20mm	156.905	2mm, 0°	156.952	4mm, 0°	156.954
	4°	16mm	156.904	4mm, 0°	156.954	6mm, 4°	156.964
	4°	20mm	156.905	2mm, 0°	156.952	4mm, 4°	156.962
	8°	16mm	156.904	4mm, 4°	156.962	6mm, 4°	156.964
	8°	16mm	156.904	4mm, 0°	156.954	6mm, 8°	156.972

COLOSSEUM™ 25x30mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
26mm	12°	16mm	156.904	4mm, 4°	156.962	6mm, 8°	156.972
	12°	12mm	156.903	6mm, 4°	156.964	8mm, 8°	156.974
	16°	12mm	156.903	6mm, 4°	156.964	8mm, 12°	156.982
	16°	12mm	156.903	6mm, 8°	156.972	8mm, 8°	156.974
	20°	12mm	156.903	6mm, 8°	156.972	8mm, 12°	156.982
28mm	0°	24mm	156.906	2mm, 0°	156.952	2mm, 0°	156.952
	4°	20mm	156.905	2mm, 0°	156.952	6mm, 4°	156.964
	4°	20mm	156.905	4mm, 0°	156.954	4mm, 4°	156.962
	8°	20mm	156.905	2mm, 0°	156.952	6mm, 8°	156.972
	8°	20mm	156.905	4mm, 4°	156.962	4mm, 4°	156.962
	8°	16mm	156.904	4mm, 0°	156.954	8mm, 8°	156.974
	12°	16mm	156.904	6mm, 4°	156.964	6mm, 8°	156.972
	12°	16mm	156.904	4mm, 4°	156.962	8mm, 8°	156.974
	16°	16mm	156.904	6mm, 8°	156.972	6mm, 8°	156.972
	20°	12mm	156.903	8mm, 8°	156.974	8mm, 12°	156.982
	24°	12mm	156.903	8mm, 12°	156.982	8mm, 12°	156.982
30mm	0°	20mm	156.905	2mm, 0°	156.952	4mm, 0°	156.954
	4°	16mm	156.904	4mm, 0°	156.954	6mm, 4°	156.964
	4°	20mm	156.905	2mm, 0°	156.952	4mm, 4°	156.962
	8°	16mm	156.904	4mm, 4°	156.962	6mm, 4°	156.964
	8°	16mm	156.904	4mm, 0°	156.954	6mm, 8°	156.972
	12°	16mm	156.904	4mm, 4°	156.962	6mm, 8°	156.972
	12°	12mm	156.903	6mm, 4°	156.964	8mm, 8°	156.974
	16°	12mm	156.903	6mm, 4°	156.964	8mm, 12°	156.982
	16°	12mm	156.903	6mm, 8°	156.972	8mm, 8°	156.974
	20°	12mm	156.903	6mm, 8°	156.972	8mm, 12°	156.982
32mm	0°	28mm	156.907	2mm, 0°	156.952	2mm, 0°	156.952
	4°	24mm	156.906	2mm, 0°	156.952	6mm, 4°	156.964
	4°	24mm	156.906	4mm, 0°	156.954	4mm, 4°	156.962
	8°	24mm	156.906	2mm, 0°	156.952	6mm, 8°	156.972
	8°	24mm	156.906	4mm, 4°	156.962	4mm, 4°	156.962
	8°	20mm	156.905	4mm, 0°	156.954	8mm, 8°	156.974
	12°	20mm	156.905	6mm, 4°	156.964	6mm, 8°	156.972
	12°	20mm	156.905	4mm, 4°	156.962	8mm, 8°	156.974
	16°	20mm	156.905	6mm, 8°	156.972	6mm, 8°	156.972
	20°	16mm	156.904	8mm, 8°	156.974	8mm, 12°	156.982
	24°	16mm	156.904	8mm, 12°	156.982	8mm, 12°	156.982
34mm	0°	28mm	156.907	2mm, 0°	156.952	4mm, 0°	156.954
	4°	24mm	156.906	4mm, 0°	156.954	6mm, 4°	156.964
	4°	28mm	156.907	2mm, 0°	156.952	4mm, 4°	156.962
	8°	24mm	156.906	4mm, 4°	156.962	6mm, 4°	156.964
	8°	24mm	156.906	4mm, 0°	156.954	6mm, 8°	156.972
	12°	24mm	156.906	4mm, 4°	156.962	6mm, 8°	156.972
	12°	20mm	156.905	6mm, 4°	156.964	8mm, 8°	156.974
	16°	20mm	156.905	6mm, 4°	156.964	8mm, 12°	156.982
	16°	20mm	156.905	6mm, 8°	156.972	8mm, 8°	156.974
	20°	20mm	156.905	6mm, 8°	156.972	8mm, 12°	156.982
	20°	20mm	156.905	6mm, 8°	156.972	8mm, 12°	156.982

COLOSSEUM™ 25x30mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
36mm	0°	32mm	156.908	2mm, 0°	156.952	2mm, 0°	156.952
	4°	28mm	156.907	2mm, 0°	156.952	6mm, 4°	156.964
	4°	28mm	156.907	4mm, 0°	156.954	4mm, 4°	156.962
	8°	28mm	156.907	2mm, 0°	156.952	6mm, 8°	156.972
	8°	28mm	156.907	4mm, 4°	156.962	4mm, 4°	156.962
	8°	24mm	156.906	4mm, 0°	156.954	8mm, 8°	156.974
	12°	24mm	156.906	6mm, 4°	156.964	6mm, 8°	156.972
	12°	24mm	156.906	4mm, 4°	156.962	8mm, 8°	156.974
	16°	24mm	156.906	6mm, 8°	156.972	6mm, 8°	156.972
	20°	20mm	156.905	8mm, 8°	156.974	8mm, 12°	156.982
	24°	20mm	156.905	8mm, 12°	156.982	8mm, 12°	156.982
38mm	0°	32mm	156.908	2mm, 0°	156.952	4mm, 0°	156.954
	4°	28mm	156.907	4mm, 0°	156.954	6mm, 4°	156.964
	4°	32mm	156.908	2mm, 0°	156.952	4mm, 4°	156.962
	8°	28mm	156.907	4mm, 4°	156.962	6mm, 4°	156.964
	8°	28mm	156.907	4mm, 0°	156.954	6mm, 8°	156.972
	12°	28mm	156.907	4mm, 4°	156.962	6mm, 8°	156.972
	12°	24mm	156.906	6mm, 4°	156.964	8mm, 8°	156.974
	16°	24mm	156.906	6mm, 4°	156.964	8mm, 12°	156.982
	16°	24mm	156.906	6mm, 8°	156.972	8mm, 8°	156.974
	20°	24mm	156.906	6mm, 8°	156.972	8mm, 12°	156.982
	20°	24mm	156.906	6mm, 8°	156.972	8mm, 12°	156.982
40mm	0°	36mm	156.909	2mm, 0°	156.952	2mm, 0°	156.952
	4°	32mm	156.908	2mm, 0°	156.952	6mm, 4°	156.964
	4°	32mm	156.908	4mm, 0°	156.954	4mm, 4°	156.962
	8°	32mm	156.908	2mm, 0°	156.952	6mm, 8°	156.972
	8°	32mm	156.908	4mm, 4°	156.962	4mm, 4°	156.962
	8°	28mm	156.907	4mm, 0°	156.954	8mm, 8°	156.974
	12°	28mm	156.907	6mm, 4°	156.964	6mm, 8°	156.972
	12°	28mm	156.907	4mm, 4°	156.962	8mm, 8°	156.974
	16°	28mm	156.907	6mm, 8°	156.972	6mm, 8°	156.972
	20°	24mm	156.906	8mm, 8°	156.974	8mm, 12°	156.982
	24°	24mm	156.906	8mm, 12°	156.982	8mm, 12°	156.982
42mm	0°	36mm	156.909	2mm, 0°	156.952	4mm, 0°	156.954
	4°	32mm	156.908	4mm, 0°	156.954	6mm, 4°	156.964
	4°	36mm	156.909	2mm, 0°	156.952	4mm, 4°	156.962
	8°	32mm	156.908	4mm, 4°	156.962	6mm, 4°	156.964
	8°	32mm	156.908	4mm, 0°	156.954	6mm, 8°	156.972
	12°	32mm	156.908	4mm, 4°	156.962	6mm, 8°	156.972
	12°	28mm	156.907	6mm, 4°	156.964	8mm, 8°	156.974
	16°	28mm	156.907	6mm, 4°	156.964	8mm, 12°	156.982
	16°	28mm	156.907	6mm, 8°	156.972	8mm, 8°	156.974
	20°	28mm	156.907	6mm, 8°	156.972	8mm, 12°	156.982
	20°	28mm	156.907	6mm, 8°	156.972	8mm, 12°	156.982
44mm	0°	40mm	156.910	2mm, 0°	156.952	2mm, 0°	156.952
	4°	36mm	156.909	2mm, 0°	156.952	6mm, 4°	156.964
	4°	36mm	156.909	4mm, 0°	156.954	4mm, 4°	156.962

COLOSSEUM™ 25x30mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
44mm	8°	36mm	156.909	2mm, 0°	156.952	6mm, 8°	156.972
	8°	36mm	156.909	4mm, 4°	156.962	4mm, 4°	156.962
	8°	32mm	156.908	4mm, 0°	156.954	8mm, 8°	156.974
	12°	32mm	156.908	6mm, 4°	156.964	6mm, 8°	156.972
	12°	32mm	156.908	4mm, 4°	156.962	8mm, 8°	156.974
	16°	32mm	156.908	6mm, 8°	156.972	6mm, 8°	156.972
	20°	28mm	156.907	8mm, 8°	156.974	8mm, 12°	156.982
	24°	28mm	156.907	8mm, 12°	156.982	8mm, 12°	156.982
46mm	0°	40mm	156.910	2mm, 0°	156.952	4mm, 0°	156.954
	4°	36mm	156.909	4mm, 0°	156.954	6mm, 4°	156.964
	4°	40mm	156.910	2mm, 0°	156.952	4mm, 4°	156.962
	8°	36mm	156.909	4mm, 4°	156.962	6mm, 4°	156.964
	8°	36mm	156.909	4mm, 0°	156.954	6mm, 8°	156.972
	12°	36mm	156.909	4mm, 4°	156.962	6mm, 8°	156.972
	12°	32mm	156.908	6mm, 4°	156.964	8mm, 8°	156.974
	16°	32mm	156.908	6mm, 4°	156.964	8mm, 12°	156.982
	16°	32mm	156.908	6mm, 8°	156.972	8mm, 8°	156.974
	20°	32mm	156.908	6mm, 8°	156.972	8mm, 12°	156.982
48mm	0°	44mm	156.911	2mm, 0°	156.952	2mm, 0°	156.952
	4°	40mm	156.910	2mm, 0°	156.952	6mm, 4°	156.964
	4°	40mm	156.910	4mm, 0°	156.954	4mm, 4°	156.962
	8°	40mm	156.910	2mm, 0°	156.952	6mm, 8°	156.972
	8°	40mm	156.910	4mm, 4°	156.962	4mm, 4°	156.962
	8°	36mm	156.909	4mm, 0°	156.954	8mm, 8°	156.974
	12°	36mm	156.909	6mm, 4°	156.964	6mm, 8°	156.972
	12°	36mm	156.909	4mm, 4°	156.962	8mm, 8°	156.974
	16°	36mm	156.909	6mm, 8°	156.972	6mm, 8°	156.972
	20°	32mm	156.908	8mm, 8°	156.974	8mm, 12°	156.982
	24°	32mm	156.908	8mm, 12°	156.982	8mm, 12°	156.982
50mm	0°	44mm	156.911	2mm, 0°	156.952	4mm, 0°	156.954
	4°	40mm	156.910	4mm, 0°	156.954	6mm, 4°	156.964
	4°	44mm	156.911	2mm, 0°	156.952	4mm, 4°	156.962
	8°	40mm	156.910	4mm, 4°	156.962	6mm, 4°	156.964
	8°	40mm	156.910	4mm, 0°	156.954	6mm, 8°	156.972
	12°	40mm	156.910	4mm, 4°	156.962	6mm, 8°	156.972
	12°	36mm	156.909	6mm, 4°	156.964	8mm, 8°	156.974
	16°	36mm	156.909	6mm, 4°	156.964	8mm, 12°	156.982
	16°	36mm	156.909	6mm, 8°	156.972	8mm, 8°	156.974
	20°	36mm	156.909	6mm, 8°	156.972	8mm, 12°	156.982
52mm	0°	48mm	156.912	2mm, 0°	156.952	2mm, 0°	156.952
	4°	44mm	156.911	2mm, 0°	156.952	6mm, 4°	156.964
	4°	44mm	156.911	4mm, 0°	156.954	4mm, 4°	156.962
	8°	44mm	156.911	2mm, 0°	156.952	6mm, 8°	156.972
	8°	44mm	156.911	4mm, 4°	156.962	4mm, 4°	156.962
	8°	40mm	156.910	4mm, 0°	156.954	8mm, 8°	156.974
	12°	40mm	156.910	6mm, 4°	156.964	6mm, 8°	156.972

COLOSSEUM™ 25x30mm Implant							
Total Height	Total Angulation	Pre-Cut Cage		Upper Endcap		Lower Endcap	
		Height	Part No.	Height/Angulation	Part No.	Height/Angulation	Part No.
52mm	12°	40mm	156.910	4mm, 4°	156.962	8mm, 8°	156.974
	16°	40mm	156.910	6mm, 8°	156.972	6mm, 8°	156.972
	20°	36mm	156.909	8mm, 8°	156.974	8mm, 12°	156.982
	24°	36mm	156.909	8mm, 12°	156.982	8mm, 12°	156.982
54mm	0°	48mm	156.912	2mm, 0°	156.952	4mm, 0°	156.954
	4°	44mm	156.911	4mm, 0°	156.954	6mm, 4°	156.964
	4°	48mm	156.912	2mm, 0°	156.952	4mm, 4°	156.962
	8°	44mm	156.911	4mm, 4°	156.962	6mm, 4°	156.964
	8°	44mm	156.911	4mm, 0°	156.954	6mm, 8°	156.972
	12°	44mm	156.911	4mm, 4°	156.962	6mm, 8°	156.972
	12°	40mm	156.910	6mm, 4°	156.964	8mm, 8°	156.974
	16°	40mm	156.910	6mm, 4°	156.964	8mm, 12°	156.982
	16°	40mm	156.910	6mm, 8°	156.972	8mm, 8°	156.974
	20°	40mm	156.910	6mm, 8°	156.972	8mm, 12°	156.982
56mm	0°	48mm	156.912	2mm, 0°	156.952	2mm, 0°	156.952
	4°	44mm	156.911	2mm, 0°	156.952	6mm, 4°	156.964
	4°	44mm	156.911	4mm, 0°	156.954	4mm, 4°	156.962
	8°	44mm	156.911	2mm, 0°	156.952	6mm, 8°	156.972
	8°	44mm	156.911	4mm, 4°	156.962	4mm, 4°	156.962
	8°	40mm	156.910	4mm, 0°	156.954	8mm, 8°	156.974
	12°	40mm	156.910	6mm, 4°	156.964	6mm, 8°	156.972
	12°	40mm	156.910	4mm, 4°	156.962	8mm, 8°	156.974
	16°	40mm	156.910	6mm, 8°	156.972	6mm, 8°	156.972
	20°	36mm	156.909	8mm, 8°	156.974	8mm, 12°	156.982
	24°	36mm	156.909	8mm, 12°	156.982	8mm, 12°	156.982
58mm	4°	48mm	156.912	4mm, 0°	156.954	6mm, 4°	156.964
	8°	48mm	156.912	4mm, 4°	156.962	6mm, 4°	156.964
	8°	48mm	156.912	4mm, 0°	156.954	6mm, 8°	156.972
	12°	48mm	156.912	4mm, 4°	156.962	6mm, 8°	156.972
	12°	44mm	156.911	6mm, 4°	156.964	8mm, 8°	156.974
	16°	44mm	156.911	6mm, 4°	156.964	8mm, 12°	156.982
	16°	44mm	156.911	6mm, 8°	156.972	8mm, 8°	156.974
	20°	44mm	156.911	6mm, 8°	156.972	8mm, 12°	156.982
60mm	8°	48mm	156.912	4mm, 0°	156.954	8mm, 8°	156.974
	12°	48mm	156.912	6mm, 4°	156.964	6mm, 8°	156.972
	12°	48mm	156.912	4mm, 4°	156.962	8mm, 8°	156.974
	16°	48mm	156.912	6mm, 8°	156.972	6mm, 8°	156.972
	20°	44mm	156.911	8mm, 8°	156.974	8mm, 12°	156.982
	24°	44mm	156.911	8mm, 12°	156.982	8mm, 12°	156.982
62mm	12°	48mm	156.912	6mm, 4°	156.964	8mm, 8°	156.974
	16°	48mm	156.912	6mm, 4°	156.964	8mm, 12°	156.982
	16°	48mm	156.912	6mm, 8°	156.972	8mm, 8°	156.974
	20°	48mm	156.912	6mm, 8°	156.972	8mm, 12°	156.982
64mm	20°	48mm	156.912	8mm, 8°	156.974	8mm, 12°	156.982
	24°	48mm	156.912	8mm, 12°	156.982	8mm, 12°	156.982

Curved Spacer Angles	
Curved Mesh Height	Angulation
24mm	3°
28mm	3.4°
32mm	3.8°
36mm	4.2°
40mm	4.7°
44mm	5.1°
48mm	5.5°
60mm	7.0°
80mm	9.0°

IMPLANT BONE GRAFT VOLUMES

12x14mm		14x16mm		16x16mm		21x23mm		25x30mm	
HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)
2	0.2	2	0.3	2	0.3	2	0.6	2	1.0
4	0.4	4	0.5	4	0.6	4	1.3	4	2.0
6	0.6	6	0.8	6	0.9	6	1.9	6	3.0
8	0.8	8	1.1	8	1.2	8	2.5	8	4.0
10	0.9	10	1.3	10	1.5	10	3.1	10	5.1
12	1.1	12	1.6	12	1.8	12	3.8	12	6.1
14	1.3	14	1.8	14	2.2	14	4.4	14	7.1
16	1.5	16	2.1	16	2.5	16	5.0	16	8.1
18	1.7	18	2.4	18	2.8	18	5.6	18	9.1
20	1.9	20	2.6	20	3.1	20	6.3	20	10.1
22	2.1	22	2.9	22	3.4	22	6.9	22	11.1
24	2.3	24	3.2	24	3.7	24	7.5	24	12.1
26	2.5	26	3.4	26	4.0	26	8.2	26	13.2
28	2.6	28	3.7	28	4.3	28	8.8	28	14.2
30	2.8	30	4.0	30	4.6	30	9.4	30	15.2
32	3.0	32	4.2	32	4.9	32	10.0	32	16.2
34	3.2	34	4.5	34	5.2	34	10.7	34	17.2
36	3.4	36	4.8	36	5.5	36	11.3	36	18.2
38	3.6	38	5.0	38	5.9	38	11.9	38	19.2
40	3.8	40	5.3	40	6.2	40	12.5	40	20.2
42	4.0	42	5.5	42	6.5	42	13.2	42	21.3
44	4.2	44	5.8	44	6.8	44	13.8	44	22.3
46	4.3	46	6.1	46	7.1	46	14.4	46	23.3
48	4.5	48	6.3	48	7.4	48	15.0	48	24.3
50	4.7	50	6.6	50	7.7	50	15.7	50	25.3
52	4.9	52	6.9	52	8.0	52	16.3	52	26.3
54	5.1	54	7.1	54	8.3	54	16.9	54	27.3
56	5.3	56	7.4	56	8.6	56	17.6	56	28.3
58	5.5	58	7.7	58	8.9	58	18.2	58	29.3
60	5.7	60	7.9	60	9.2	60	18.8	60	30.4
62	5.9	62	8.2	62	9.5	62	19.4	62	31.4
64	6.0	64	8.4	64	9.9	64	20.1	64	32.4
66	6.2	66	8.7	66	10.2	66	20.7	66	33.4
68	6.4	68	9.0	68	10.5	68	21.3	68	34.4
70	6.6	70	9.2	70	10.8	70	21.9	70	35.4
72	6.8	72	9.5	72	11.1	72	22.6	72	36.4
74	7.0	74	9.8	74	11.4	74	23.2	74	37.4
76	7.2	76	10.0	76	11.7	76	23.8	76	38.5
78	7.4	78	10.3	78	12.0	78	24.5	78	39.5
80	7.6	80	10.6	80	12.3	80	25.1	80	40.5

12x14mm		14x16mm		16x16mm		21x23mm		25x30mm	
HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)	HEIGHT (mm)	VOLUME (cc)
82	7.7	82	10.8	82	12.6	82	25.7	82	41.5
84	7.9	84	11.1	84	12.9	84	26.3	84	42.5
86	8.1	86	11.4	86	13.2	86	27.0	86	43.5
88	8.3	88	11.6	88	13.6	88	27.6	88	44.5
92	8.7	92	12.1	92	14.2	92	28.8	92	46.6
96	9.1	96	12.7	96	14.8	96	30.1	96	48.6
100	9.5	100	13.2	100	15.4	100	31.4	100	50.6
104	9.8	104	13.7	104	16.0	104	32.6	104	52.6
108	10.2	108	14.3	108	16.6	108	33.9	108	54.6
112	10.6	112	14.8	112	17.2	112	35.1	112	56.7
116	11.0	116	15.3	116	17.9	116	36.4	116	58.7
120	11.3	120	15.8	120	18.5	120	37.6	120	60.7
124	11.7	124	16.4	124	19.1	124	38.9	124	62.7
128	12.1	128	16.9	128	19.7	128	40.1	128	64.8
132	12.5	132	17.4	132	20.3	132	41.4	132	66.8
136	12.9	136	18.0	136	20.9	136	42.6	136	68.8
140	13.2	140	18.5	140	21.6	140	43.9	140	70.8
144	13.6	144	19.0	144	22.2	144	45.1	144	72.9
148	14.0	148	19.5	148	22.8	148	46.4	148	74.9

COLOSSEUM™

SMALL IMPLANT SET 956.901

Part No.	Description	QTY
156.202	COLOSSEUM™ Mesh, 12x14mm, 8mm	1
156.203	COLOSSEUM™ Mesh, 12x14mm, 12mm	1
156.204	COLOSSEUM™ Mesh, 12x14mm, 16mm	1
156.205	COLOSSEUM™ Mesh, 12x14mm, 20mm	1
156.206	COLOSSEUM™ Mesh, 12x14mm, 24mm, curved	1
156.207	COLOSSEUM™ Mesh, 12x14mm, 28mm, curved	1
156.208	COLOSSEUM™ Mesh, 12x14mm, 32mm, curved	1
156.209	COLOSSEUM™ Mesh, 12x14mm, 36mm, curved	1
156.210	COLOSSEUM™ Mesh, 12x14mm, 40mm, curved	1
156.211	COLOSSEUM™ Mesh, 12x14mm, 44mm, curved	1
156.212	COLOSSEUM™ Mesh, 12x14mm, 48mm, curved	1
156.220	COLOSSEUM™ Mesh, 12x14mm, 80mm, curved	1
156.252	COLOSSEUM™ Endcap, 12x14mm, 2mm, 0°	2
156.253	COLOSSEUM™ Endcap, 12x14mm, 3mm, 0°	2
156.254	COLOSSEUM™ Endcap, 12x14mm, 4mm, 0°	1
156.262	COLOSSEUM™ Endcap, 12x14mm, 2mm, 3.5°	2
156.263	COLOSSEUM™ Endcap, 12x14mm, 3mm, 3.5°	2
156.264	COLOSSEUM™ Endcap, 12x14mm, 4mm, 3.5°	1
156.502	COLOSSEUM™ Mesh, 14x16mm, 8mm	1
156.503	COLOSSEUM™ Mesh, 14x16mm, 12mm	1
156.504	COLOSSEUM™ Mesh, 14x16mm, 16mm	1
156.505	COLOSSEUM™ Mesh, 14x16mm, 20mm	1
156.506	COLOSSEUM™ Mesh, 14x16mm, 24mm, curved	1
156.507	COLOSSEUM™ Mesh, 14x16mm, 28mm, curved	1
156.508	COLOSSEUM™ Mesh, 14x16mm, 32mm, curved	1
156.509	COLOSSEUM™ Mesh, 14x16mm, 36mm, curved	1
156.510	COLOSSEUM™ Mesh, 14x16mm, 40mm, curved	1
156.511	COLOSSEUM™ Mesh, 14x16mm, 44mm, curved	1
156.512	COLOSSEUM™ Mesh, 14x16mm, 48mm, curved	1
156.548	COLOSSEUM™ Mesh, 14x16mm, 120mm, curved	1
156.552	COLOSSEUM™ Endcap, 14x16mm, 2mm, 0°	2
156.553	COLOSSEUM™ Endcap, 14x16mm, 3mm, 0°	2
156.554	COLOSSEUM™ Endcap, 14x16mm, 4mm, 0°	1
156.562	COLOSSEUM™ Endcap, 14x16mm, 2mm, 3.5°	2
156.563	COLOSSEUM™ Endcap, 14x16mm, 3mm, 3.5°	2
156.564	COLOSSEUM™ Endcap, 14x16mm, 4mm, 3.5°	1
956.001	COLOSSEUM™ Small Implant Module	

COLOSSEUM™

LARGE IMPLANT SET 956.902

Part No.	Description	QTY	Part No.	Description	QTY
156.302	COLOSSEUM™ Mesh, 16x16mm, 8mm	1	156.774	COLOSSEUM™ Endcap, 21x23mm, 6mm, 8°	1
156.303	COLOSSEUM™ Mesh, 16x16mm, 12mm	1	156.782	COLOSSEUM™ Endcap, 21x23mm, 6mm, 12°	2
156.304	COLOSSEUM™ Mesh, 16x16mm, 16mm	1	156.902	COLOSSEUM™ Mesh, 25x30mm, 8mm	1
156.305	COLOSSEUM™ Mesh, 16x16mm, 20mm	1	156.903	COLOSSEUM™ Mesh, 25x30mm, 12mm	1
156.306	COLOSSEUM™ Mesh, 16x16mm, 24mm	1	156.904	COLOSSEUM™ Mesh, 25x30mm, 16mm	1
156.307	COLOSSEUM™ Mesh, 16x16mm, 28mm	1	156.905	COLOSSEUM™ Mesh, 25x30mm, 20mm	1
156.308	COLOSSEUM™ Mesh, 16x16mm, 32mm	1	156.906	COLOSSEUM™ Mesh, 25x30mm, 24mm	1
156.309	COLOSSEUM™ Mesh, 16x16mm, 36mm	1	156.907	COLOSSEUM™ Mesh, 25x30mm, 28mm	1
156.310	COLOSSEUM™ Mesh, 16x16mm, 40mm	1	156.908	COLOSSEUM™ Mesh, 25x30mm, 32mm	1
156.311	COLOSSEUM™ Mesh, 16x16mm, 44mm	1	156.909	COLOSSEUM™ Mesh, 25x30mm, 36mm	1
156.312	COLOSSEUM™ Mesh, 16x16mm, 48mm	1	156.910	COLOSSEUM™ Mesh, 25x30mm, 40mm	1
156.330	COLOSSEUM™ Mesh, 16x16mm, 120mm	1	156.911	COLOSSEUM™ Mesh, 25x30mm, 44mm	1
156.352	COLOSSEUM™ Endcap, 16x16mm, 2mm, 0°	2	156.912	COLOSSEUM™ Mesh, 25x30mm, 48mm	1
156.354	COLOSSEUM™ Endcap, 16x16mm, 4mm, 0°	2	156.930	COLOSSEUM™ Mesh, 25x30mm, 120mm	1
156.362	COLOSSEUM™ Endcap, 16x16mm, 4mm, 4°	2	156.952	COLOSSEUM™ Endcap, 25x30mm, 2mm, 0°	2
156.364	COLOSSEUM™ Endcap, 16x16mm, 6mm, 4°	1	156.954	COLOSSEUM™ Endcap, 25x30mm, 4mm, 0°	1
156.372	COLOSSEUM™ Endcap, 16x16mm, 4mm, 8°	1	156.962	COLOSSEUM™ Endcap, 25x30mm, 4mm, 4°	2
156.702	COLOSSEUM™ Mesh, 21x23mm, 8mm	1	156.964	COLOSSEUM™ Endcap, 25x30mm, 6mm, 4°	1
156.703	COLOSSEUM™ Mesh, 21x23mm, 12mm	1	156.972	COLOSSEUM™ Endcap, 25x30mm, 6mm, 8°	2
156.704	COLOSSEUM™ Mesh, 21x23mm, 16mm	1	156.974	COLOSSEUM™ Endcap, 25x30mm, 8mm, 8°	1
156.705	COLOSSEUM™ Mesh, 21x23mm, 20mm	1	156.982	COLOSSEUM™ Endcap, 25x30mm, 8mm, 12°	2
156.706	COLOSSEUM™ Mesh, 21x23mm, 24mm	1	956.002	COLOSSEUM™ Large Implant Module	
156.707	COLOSSEUM™ Mesh, 21x23mm, 28mm	1			
156.708	COLOSSEUM™ Mesh, 21x23mm, 32mm	1			
156.709	COLOSSEUM™ Mesh, 21x23mm, 36mm	1			
156.710	COLOSSEUM™ Mesh, 21x23mm, 40mm	1			
156.711	COLOSSEUM™ Mesh, 21x23mm, 44mm	1			
156.712	COLOSSEUM™ Mesh, 21x23mm, 48mm	1			
156.730	COLOSSEUM™ Mesh, 21x23mm, 120mm	1			
156.752	COLOSSEUM™ Endcap, 21x23mm, 2mm, 0°	2			
156.754	COLOSSEUM™ Endcap, 21x23mm, 4mm, 0°	1			
156.762	COLOSSEUM™ Endcap, 21x23mm, 4mm, 4°	2			
156.764	COLOSSEUM™ Endcap, 21x23mm, 6mm, 4°	1			
156.772	COLOSSEUM™ Endcap, 21x23mm, 4mm, 8°	2			

COLOSSEUM™

INSTRUMENT SET 956.903

Part No.	Description	QTY
6102.1003	Cutter	1
648.003	Mallet	1
656.102	Insertor, Small	1
656.104	Insertor, Long	1
656.105	Insertor, Angled	1
656.110	Caliper	1
656.115	Cutter	1
656.130	Graft Packer	1
656.132	Packing Block	1
656.140	Assembly Tool, 12x14mm	1
656.141	Assembly Tool, 14x16mm	1
656.142	Assembly Tool, 16x16mm	1
656.143	Assembly Tool, 21x23mm	1
656.144	Assembly Tool, 25x30mm	1
656.145	Endcap Removal Tool	1
656.150	Tamp, Small	1
656.151	Tamp, Large	1
656.153	Tamp, Angled	1
956.003	COLOSSEUM™ Top Level Assembly	

IMPORTANT INFORMATION ON COLOSSEUM™ MESH

DESCRIPTION

COLOSSEUM™ Mesh are devices that can be used as vertebral body replacement devices. The components of the implant include a mesh and optional endcaps, which are available in a range of sizes and options to accommodate various surgical approaches and the anatomical needs of a wide variety of patients. The mesh and the endcaps are intraoperatively assembled to best fit individual requirements. Protrusions (teeth) on the superior and inferior surfaces of the endcaps grip the endplate of the adjacent vertebrae to resist expulsion.

COLOSSEUM™ Mesh implants are used to provide structural stability and as an adjunct to fusion in skeletally mature individuals following corpectomy or vertebrectomy in the cervical and thoracolumbar spine. Thoracolumbar mesh implants may be inserted using a posterior, transforaminal, anterior, anterolateral, or lateral approach. Cervical mesh implants are inserted using an anterior approach.

COLOSSEUM™ Mesh implants are manufactured from titanium alloy as specified in ASTM F136. All implants are single use only.

INDICATIONS

When used as a vertebral body replacement device in the cervical spine (C2-T1), COLOSSEUM™ Mesh devices are intended for use in skeletally mature patients to replace a diseased or damaged vertebral body caused by tumor, fracture, or osteomyelitis, or for reconstruction following corpectomy performed to achieve decompression of the spinal cord and neural tissues in cervical degenerative disorders. These spacers are intended to restore the integrity of the spinal column even in the absence of fusion for a limited time period in patients with advanced stage tumors involving the cervical spine in whom life expectancy is of insufficient duration to permit achievement of fusion, with bone graft used at the surgeon's discretion.

When used as a vertebral body replacement device in the thoracolumbar spine (T1-L5), COLOSSEUM™ Mesh devices are intended for use to replace a collapsed, damaged, or unstable vertebral body due to tumor or trauma (i.e., fracture). These spacers are designed to provide anterior spinal column support even in the absence of fusion for a prolonged period.

The interior of the vertebral body replacement device spacers can be packed with autograft or allogenic bone graft comprising cancellous and/or corticocancellous bone graft as an adjunct to fusion. These devices are intended to be used with FDA-cleared supplemental spinal fixation systems that have been labeled for use in the cervical, thoracic, and/or lumbar spine (i.e., posterior screw and rod systems, anterior plate systems, and anterior screw and rod systems). When used at more than two levels, supplemental fixation should include posterior fixation.

WARNINGS

One of the potential risks identified with this system is death. Other potential risks which may require additional surgery, include:

- device component fracture,
- loss of fixation,
- non-union,
- fracture of the vertebrae,
- neurological injury, and
- vascular or visceral injury.

Certain degenerative diseases or underlying physiological conditions such as diabetes, rheumatoid arthritis, or osteoporosis may alter the healing process, thereby increasing the risk of implant breakage or spinal fracture.

Patients with previous spinal surgery at the level(s) to be treated may have different clinical outcomes compared to those without previous surgery.

Components of this system should not be used with components of any other system or manufacturer.

The components of this system are manufactured from titanium alloy.

These warnings do not include all adverse effects which could occur with surgery in general, but are important considerations particular to orthopedic implants. General surgical risks should be explained to the patient prior to surgery.

Use this device as supplied and in accordance with the handling and use information provided below.

PRECAUTIONS

The implantation of these devices and fixation devices should be performed only by experienced surgeons with specific training in the use of this system because this is a technically demanding procedure presenting a risk of serious injury to the patient. Preoperative planning and patient anatomy should be considered when selecting implant size.

Surgical implants must never be reused. An explanted implant must never be re-implanted. Even though the device appears undamaged, it may have small defects and internal stress patterns which could lead to breakage.

Adequately instruct the patient. Mental or physical impairment which compromises or prevents a patient's ability to comply with necessary limitations or precautions may place that patient at a particular risk during postoperative rehabilitation.

For optimal implant performance, the surgeon should consider the levels of

implantation, patient weight, patient activity level, other patient conditions, etc. which may impact the performance of the system.

MRI SAFETY INFORMATION



The COLOSSEUM™ Mesh is MR Conditional. A patient with this device can be safely scanned in an MR system meeting the following conditions:

- Static magnetic field of 1.5 Tesla and 3.0 Tesla only
- Maximum spatial field gradient of 3,000 gauss/cm (30 T/m) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 1 W/kg

Under the scan conditions defined above, the COLOSSEUM™ Mesh is expected to produce a maximum temperature rise of less than or equal to 3.9°C after 15 minutes of continuous scanning.

The image artifact caused by the device is not expected to extend beyond 35mm from the device when imaged with a gradient echo pulse sequence and a 3.0 Tesla MRI system.

CONTRAINDICATIONS

Use of these devices is contraindicated in patients with the following conditions:

- Active systemic infection, infection localized to the site of the proposed implantation, or when the patient has a suspected or documented allergy, foreign body sensitivity, or known intolerance to any of the implant materials.
- Signs of local inflammation.
- Prior fusion at the level(s) to be treated.
- Severe osteoporosis, which may prevent adequate fixation.
- Conditions that may place excessive stresses on bone and implants, such as severe obesity or degenerative diseases, are relative contraindications. The decision whether to use these devices in such conditions must be made by the physician taking into account the risks versus the benefits to the patient.
- Patients whose activity, mental capacity, mental illness, alcoholism, drug abuse, occupation, or lifestyle may interfere with their ability to follow postoperative restrictions and who may place undue stresses on the implant during bony healing and may be at a higher risk of implant failure.
- Any patient not willing to cooperate with postoperative instructions.
- Any condition not described in the indications for use.
- Fever or leukocytosis.
- Pregnancy.
- Any other condition that would preclude the potential benefit of spinal implant surgery, such as the presence of tumors or congenital abnormalities, fracture local to the operating site, elevation of sedimentation rate unexplained by other diseases, elevations of the white blood count (WBC), or a marked left shift in the WBC differential count.
- Patients with a known hereditary or acquired bone friability or calcification problem should not be considered for this type of surgery.
- These devices must not be used for pediatric cases or where the patient still has general skeletal growth.
- Spondylolisthesis unable to be reduced to Grade 1.
- Any case where the implant components selected for use would be too large or too small to achieve a successful result.
- Any case that requires the mixing of metals from two different components or systems.
- Any patient having inadequate tissue coverage at the operative site or inadequate bone stock or quality.
- Any patient in which implant utilization would interfere with anatomical structures or expected physiological performance.

COMPLICATIONS AND POSSIBLE ADVERSE EVENTS

Prior to surgery, patients should be made aware of the following possible adverse effects in addition to the potential need for additional surgery to correct these effects:

- Loosening, bending or breakage of components
- Displacement/migration of device components
- Tissue sensitivity to implant material
- Potential for skin breakdown and/or wound complications
- Non-union or delayed union or mal-union
- Infection
- Nerve damage, including loss of neurological function (sensory and/or motor), paralysis, dysesthesia, hyperesthesia, paresthesia, radiculopathy, reflex deficit, cauda equina syndrome

IMPORTANT INFORMATION ON COLOSSEUM™ MESH

- Dural tears, cerebral spinal fluid leakage
- Fracture of vertebrae
- Foreign body reaction (allergic) to components or debris
- Vascular or visceral injury
- Change in spinal curvature, loss of correction, height and/or reduction
- Urinary retention or loss of bladder control or other types of disorders of the urogenital system
- Ileus, gastritis, bowel obstruction or other types of gastrointestinal system compromise
- Reproductive system compromise including impotence, sterility, loss of consortium and sexual dysfunction.
- Pain or discomfort
- Bursitis
- Decrease in bone density due to stress shielding
- Loss of bone or fracture of bone above or below the level of surgery
- Bone graft donor site pain, fracture, and/or delayed wound healing
- Restriction of activities
- Lack of effective treatment of symptoms for which surgery was intended
- Need for additional surgical intervention
- Death

PACKAGING

These implants may be supplied pre-packaged and sterile, using gamma irradiation. The integrity of the sterile packaging should be checked to ensure that sterility of the contents is not compromised. Packaging should be carefully checked for completeness and all components should be carefully checked to ensure that there is no damage prior to use. Damaged packages or products should not be used, and should be returned to Globus Medical. During surgery, after the correct size has been determined, remove the products from the packaging using aseptic technique.

The instrument sets are provided nonsterile and are steam sterilized prior to use, as described in the STERILIZATION section below. Following use or exposure to soil, instruments must be cleaned, as described in the CLEANING section below.

HANDLING AND USE

All instruments and implants should be treated with care. Improper use or handling may lead to damage and/or possible malfunction. Products should be checked to ensure that they are in working order prior to surgery. All products should be inspected prior to use to ensure that there is no unacceptable deterioration such as corrosion (i.e. rust, pitting), discoloration, excessive scratches, notches, debris, residue, flaking, wear, cracks, cracked seals, etc. Non-working or damaged instruments should not be used, and should be returned to Globus Medical.

Implants are single use devices and should not be cleaned. Re-cleaning of single use implants might lead to mechanical failure and/or material degradation. Discard any implants that may have been accidentally contaminated.

CLEANING

All instruments that can be disassembled must be disassembled for cleaning. All handles must be detached. Instruments may be reassembled following sterilization. The instruments should be cleaned using neutral cleaners before sterilization and introduction into a sterile surgical field or (if applicable) return of the product to Globus Medical.

Cleaning and disinfecting of instruments can be performed with aldehyde-free solvents at higher temperatures. Cleaning and decontamination must include the use of neutral cleaners followed by a deionized water rinse. Note: certain cleaning solutions such as those containing formalin, glutaraldehyde, bleach and/or other alkaline cleaners may damage some devices, particularly instruments; these solutions should not be used.

The following cleaning methods should be observed when cleaning instruments after use or exposure to soil, and prior to sterilization:

1. Immediately following use, ensure that the instruments are wiped down to remove all visible soil and kept from drying by submerging or covering with a wet towel.
2. Disassemble all instruments that can be disassembled.
3. Rinse the instruments under running tap water to remove all visible soil. Flush the lumens a minimum of 3 times, until the lumens flush clean.
4. Prepare Enzol® (or a similar enzymatic detergent) per manufacturer's recommendations.
5. Immerse the instruments in the detergent and allow them to soak for a minimum of 2 minutes.
6. Use a soft bristled brush to thoroughly clean the instruments. Use a pipe cleaner for any lumens. Pay close attention to hard to reach areas.
7. Using a sterile syringe, draw up the enzymatic detergent solution. Flush any lumens and hard to reach areas until no soil is seen exiting the area.
8. Remove the instruments from the detergent and rinse them in running warm tap water.

9. Prepare Enzol® (or a similar enzymatic detergent) per manufacturer's recommendations in an ultrasonic cleaner.
10. Completely immerse the instruments in the ultrasonic cleaner and ensure detergent is in lumens by flushing the lumens. Sonicate for a minimum of 3 minutes.
11. Remove the instruments from the detergent and rinse them in running deionized water or reverse osmosis water for a minimum of 2 minutes.
12. Dry instruments using a clean soft cloth and filtered pressurized air.
13. Visually inspect each instrument for visible soil. If visible soil is present, then repeat cleaning process starting with Step 3.

CONTACT INFORMATION

Globus Medical may be contacted at 1-866-GLOBUS1 (456-2871). A surgical technique manual may be obtained by contacting Globus Medical.

STERILIZATION

These implants may be available sterile or nonsterile.

Sterile implants are sterilized by gamma radiation, validated to ensure a Sterility Assurance Level (SAL) of 10⁻⁶. Sterile products are packaged in a heat sealed, double pouch or container/pouch. The expiration date is provided in the package label. These products are considered sterile unless the packaging has been opened or damaged. Sterile implants that become nonsterile or have expired packaging are considered nonsterile and may be sterilized according to instructions for nonsterile implants and instruments below. Sterile implants meet pyrogen limit specifications.

Nonsterile implants and instruments have been validated to ensure an SAL of 10⁻⁶. The use of an FDA-cleared wrap is recommended, per the Association for the Advancement of Medical Instrumentation (AAMI) ST79, *Comprehensive Guide to Steam Sterilization and Sterility Assurance in Health Care Facilities*. It is the end user's responsibility to use only sterilizers and accessories (such as sterilization wraps, sterilization pouches, chemical indicators, biological indicators, and sterilization cassettes) that have been cleared by the FDA for the selected sterilization cycle specifications (time and temperature).

When using a rigid sterilization container, the following must be taken into consideration for proper sterilization of Globus devices and loaded graphic cases:

- Recommended sterilization parameters are listed in the table below.
- Only FDA-cleared rigid sterilization containers for use with pre-vacuum steam sterilization may be used.
- When selecting a rigid sterilization container, it must have a minimum filter area of 176 in² total, or a minimum of four (4) 7.5in diameter filters.
- No more than one (1) loaded graphic case or its contents can be placed directly into a rigid sterilization container.
- Stand-alone modules/racks or single devices must be placed, without stacking, in a container basket to ensure optimal ventilation.
- The rigid sterilization container manufacturer's instructions for use are to be followed; if questions arise, contact the manufacturer of the specific container for guidance.
- Refer to AAMI ST79 for additional information concerning the use of rigid sterilization containers.

For implants and instruments provided NONSTERILE, sterilization is recommended wrapped or containerized as follows:

Method	Cycle Type	Temperature	Exposure Time	Drying Time
Steam	Pre-vacuum	132°C (270°F)	4 Minutes	30 Minutes

These parameters are validated to sterilize only this device. If other products are added to the sterilizer, the recommended parameters are not valid and new cycle parameters must be established by the user. The sterilizer must be properly installed, maintained, and calibrated. Ongoing testing must be performed to confirm inactivation of all forms of viable microorganisms.

CAUTION: Federal (U.S.A.) Law Restricts this Device to Sale by or on the Order of a Physician.

	CATALOGUE NUMBER		STERILIZED BY IRRADIATION
	LOT NUMBER		AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	CAUTION		MANUFACTURER
	SINGLE USE ONLY		USE BY (YYYY-MM-DD)
	QUANTITY		

DI208A REV A



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