Attune® Knee System

Revision Solutions

ATTUNE® REVISION KNEE SYSTEM PRODUCT REFERENCE GUIDE

Fixed Bearing and Rotating Platform Implants



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FEMORAL COMPONENTS



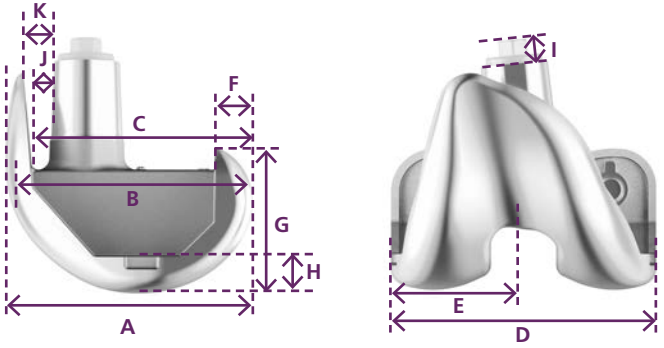
In the US, sizes 1–10 ATTUNE Revision Femoral Components have been cleared for use in a Fixed Bearing Construct. Only sizes 3–8 ATTUNE Revision Femoral Components are currently approved for use in an ATTUNE Revision Rotating Platform Construct.

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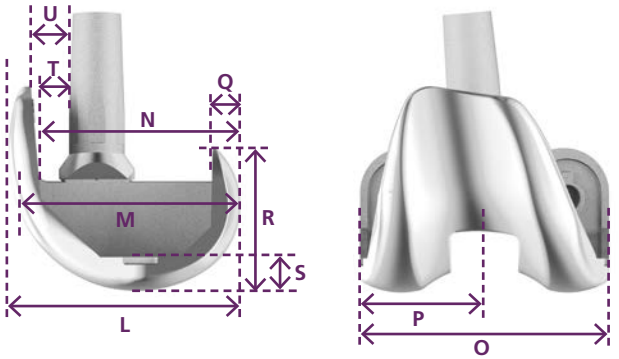
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FEMORAL COMPONENTS

DIMENSIONS



ATTUNE® REVISION FEMORAL COMPONENT



SIGMA® TC3 FEMORAL COMPONENT WITH FEMORAL ADAPTER

	ATTUNE® Revision Femoral Component	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension (Overall)	48.6	51.7	54.8	58.0	61.1	64.4	67.5	70.8	74.0	77.3
B	A/P Dimension (Sulcus)	47.0	50.0	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0
C	A/P Dimension (Anterior Cortex to Posterior Condyle)	44.7	47.6	50.6	53.6	56.7	59.7	62.8	65.9	69.0	72.1
D	M/L Dimension (Overall)	54.1	57.2	60.3	63.4	66.5	69.6	72.7	75.8	78.9	82.0
E	M/L Dimension (Mid-box)	27.1	28.6	30.2	31.7	33.3	34.8	36.4	37.9	39.5	41.0
F	Posterior Condyle Thickness	9.0									
G	Posterior Condyle Length	29.5	30.9	32.4	33.9	35.5	37.2	38.9	40.7	42.7	44.7
H	Distal Condyle Thickness	9.0									
I	Polyethylene Plug Length	6.0									
J	Anterior Flange to Fixed Boss (Minimum)	2.9	2.9	3.0	3.9	4.8	5.7	6.7	7.6	8.6	9.6
K	Anterior Flange to Fixed Boss (Maximum)	4.6	4.6	4.8	5.7	6.8	7.8	8.8	9.9	11.0	12.1

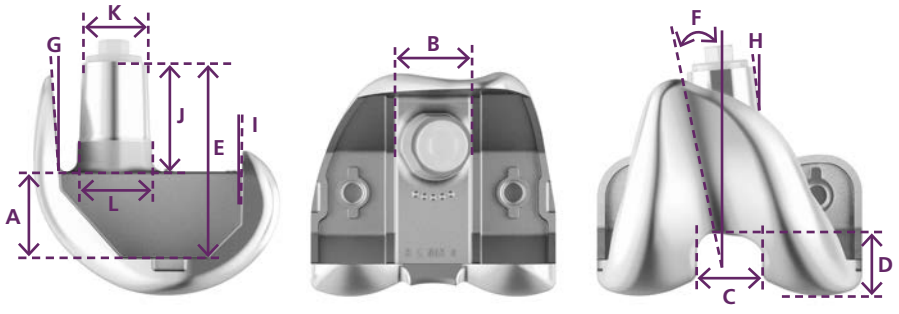
	SIGMA® TC3 Femoral Component		1.5	2	2.5	3	4		5		
L	A/P Dimension (Overall)		52.7	55.7	58.8	61.7	65.6		69.8		
M	A/P Dimension (Sulcus)		49.7	52.6	55.5	57.9	61.1		66.1		
N	A/P Dimension (Anterior Cortex to Posterior Condyle)		47.3	50.4	53.2	55.8	59.9		64.0		
O	M/L Dimension (Overall)		56.9	60.0	63.0	66.0	71.0		73.0		
P	M/L Dimension (Mid-box)		28.4	30.0	31.5	33.0	35.5		36.5		
Q	Posterior Condyle Thickness		7.7	7.7	7.8	7.8	7.8		7.7		
R	Posterior Condyle Length		32.9	34.3	35.4	38.2	40.2		41.8		
S	Distal Condyle Thickness	9.0									
	Polyethylene Plug Length	N/A									
T	Anterior Flange to Fixed Boss (Minimum)		0.9	2.1	2.7	3.4	5.1		6.6		
U	Anterior Flange to Fixed Boss (Maximum)		5.1	6.3	7.2	8.1	9.8		11.2		

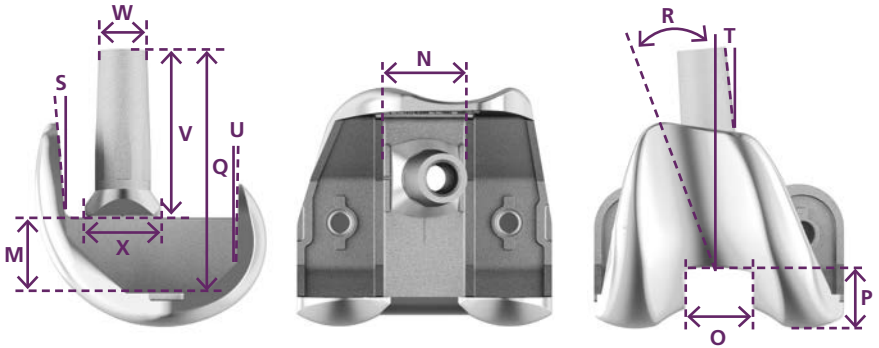
NOTE: Dimensions are taken with the SIGMA Femoral Adapter in the +2 mm position, which is comparable to the ATTUNE Revision Femoral Boss location.

All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

DIMENSIONS





ATTUNE® REVISION FEMORAL COMPONENT

SIGMA® TC3 FEMORAL COMPONENT WITH FEMORAL ADAPTER

	ATTUNE® Revision Femoral Component	1	2	3	4	5	6	7	8	9	10
A	Box Height	16.3	17.4	18.7	20.0	21.4	22.8	24.3	25.8	27.5	29.2
B	Outer Box Width	18.1	18.6	19.2	19.9	20.5	21.2	21.9	22.6	23.4	24.2
C	Inner Box Width	14.1	14.6	15.2	15.9	16.5	17.2	17.9	18.6	19.4	20.2
D	Entrance Box Height	14.4	14.6	15.0	15.3	15.7	16.2	16.6	17.2	17.8	18.3
E	Box + Boss Height	43.2	43.2	43.2	47.9	47.9	47.9	47.9	52.1	52.1	52.1
	Box Volume (cm^3)	8.6	10.2	12.0	14.1	16.4	19.1	22.2	25.8	29.8	34.4
F	Trochlear Angle	14.1°	13.4°	12.8°	12.4°	12.0°	11.6°	11.2°	10.9°	10.5°	10.1°
G	Anterior Flange Angle	5.0°									
H	Boss Valgus Angle	5.0°									
I	Posterior Condyle Angle	1.0°									
J	Boss Height	26.9	25.7	24.5	27.9	26.6	25.1	23.6	26.3	24.6	22.9
K	Boss Diameter (Proximal)	16.2									
L	Boss Diameter (Distal)	18.2	18.6	18.5	18.7	18.6	18.5	18.5	18.6	18.5	18.4

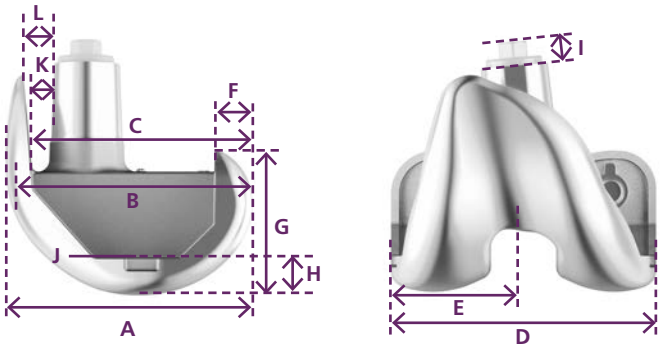
	SIGMA® TC3 Femoral Component		1.5	2	2.5	3	4		5		
M	Box Height		19.1	20.1	20.1	20.1	21.7		22.6		
N	Outer Box Width		20.3	20.8	20.3	21.3	21.8		21.8		
O	Inner Box Width		17.8	17.8	17.8	17.8	17.8		17.8		
P	Entrance Box Height		15.5	16.5	15.1	16.2	16.0		15.4		
Q	Box + Boss Height		64.0	65.0	65.0	65.0	66.6		67.5		
	Box Volume (cm^3)		12.4	14.4	15.3	16.3	19.6		23.0		
R	Trochlear Angle		13.3°	13.1°	12.8°	12.4°	12.3°		12.2°		
S	Anterior Flange Angle	5.0°									
T	Femoral Adapter Valgus Angle	Available in 5.0° or 7.0°									
U	Posterior Condyle Angle	1.0°									
V	Femoral Adapter Height	44.9									
W	Femoral Adapter Diameter (Proximal)	13.0									
X	Femoral Adapter Diameter (Distal)	20.3									

NOTE: Dimensions are taken with the SIGMA Femoral Adapter in the +2 mm position , which is comparable to the ATTUNE Revision Femoral Boss location.

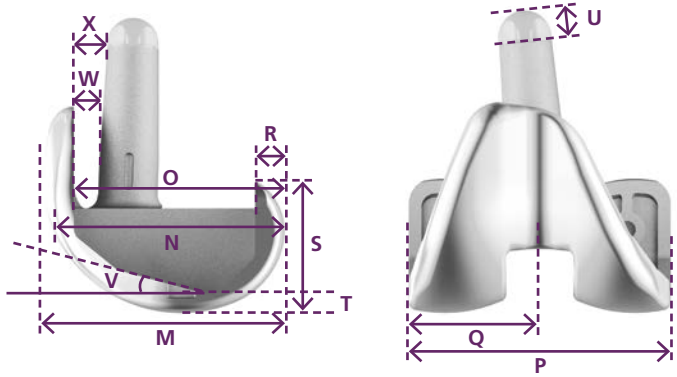
All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

DIMENSIONS



ATTUNE® REVISION FEMORAL COMPONENT



LCS COMPLETE™ REVISION FEMORAL COMPONENT

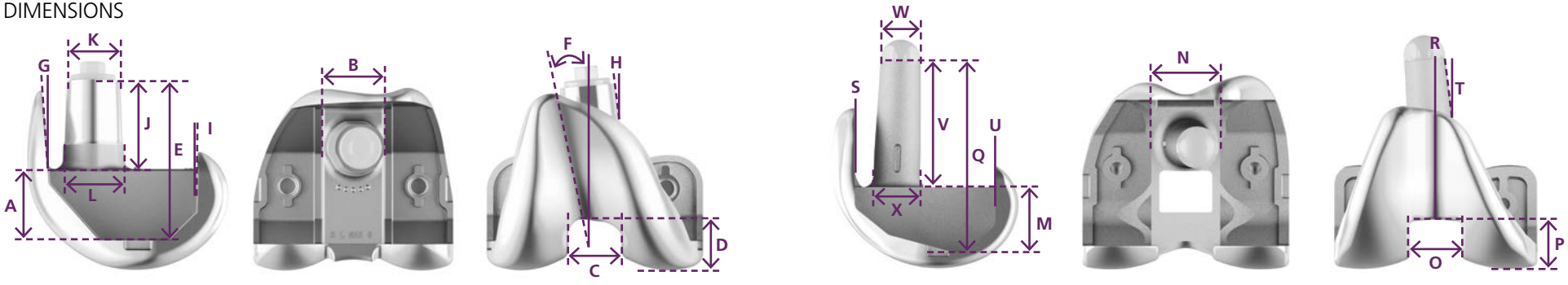
	ATTUNE® Revision Femoral Component	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension (Overall)	48.6	51.7	54.8	58.0	61.1	64.4	67.5	70.8	74.0	77.3
B	A/P Dimension (Sulcus)	47.0	50.0	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0
C	A/P Dimension (Anterior Cortex to Posterior Condyle)	44.7	47.6	50.6	53.6	56.7	59.7	62.8	65.9	69.0	72.1
D	M/L Dimension (Overall)	54.1	57.2	60.3	63.4	66.5	69.6	72.7	75.8	78.9	82.0
E	M/L Dimension (Mid-box)	27.1	28.6	30.2	31.7	33.3	34.8	36.4	37.9	39.5	41.0
F	Posterior Condyle Thickness	9.0									
G	Posterior Condyle Length	29.5	30.9	32.4	33.9	35.5	37.2	38.9	40.7	42.7	44.7
H	Distal Condyle Thickness	9.0									
I	Polyethylene Plug Length	6.0									
J	Distal Resection Angle	0.0°									
K	Anterior Flange to Fixed Boss (Minimum)	2.9	2.9	3.0	3.9	4.8	5.7	6.7	7.6	8.6	9.6
L	Anterior Flange to Fixed Boss (Maximum)	4.6	4.6	4.8	5.7	6.8	7.8	8.8	9.9	11.0	12.1

	LCS COMPLETE™ Revision Femoral Component	Small		Small +	Medium	Standard	Standard +		Large		Large +
M	A/P Dimension (Overall)	49.7		54.7	57.7	61.0	65.6		70.5		75.9
N	A/P Dimension (Sulcus)	44.8		49.3	52.0	55.0	59.1		63.6		68.6
O	A/P Dimension (Anterior Cortex to Posterior Condyle)	43.2		47.5	50.3	53.2	57.3		61.3		66.3
P	M/L Dimension (Overall)	53.8		59.2	61.9	64.6	69.6		74.9		80.6
Q	M/L Dimension (Mid-box)	26.9		29.6	30.9	32.3	34.8		37.5		40.3
R	Posterior Condyle Thickness	6.2		6.9	7.2	7.5	8.1		8.7		9.4
S	Posterior Condyle Length	27.0		30.1	31.6	33.1	35.6		38.4		41.2
T	Distal Condyle Thickness	6.2		6.9	7.2	7.5	8.1		8.7		9.4
U	Polyethylene Plug Length	8.0									
V	Distal Resection Angle	15.0°									
W	Anterior Flange to Fixed Boss (Minimum)	6.0		6.0	6.0	6.0	6.9		7.8		9.0
X	Anterior Flange to Fixed Boss (Maximum)	6.4		6.4	6.4	6.4	7.2		8.2		9.5

All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

DIMENSIONS



ATTUNE® REVISION FEMORAL COMPONENT

LCS COMPLETE™ REVISION FEMORAL COMPONENT

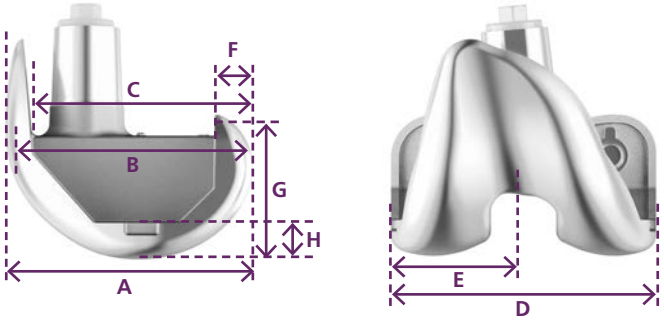
	ATTUNE® Revision Femoral Component	1	2	3	4	5	6	7	8	9	10
A	Box Height	16.3	17.4	18.7	20.0	21.4	22.8	24.3	25.8	27.5	29.2
B	Outer Box Width	18.1	18.6	19.2	19.9	20.5	21.2	21.9	22.6	23.4	24.2
C	Inner Box Width	14.1	14.6	15.2	15.9	16.5	17.2	17.9	18.6	19.4	20.2
D	Entrance Box Height	14.4	14.6	15.0	15.3	15.7	16.2	16.6	17.2	17.8	18.3
E	Box + Boss Height	43.2	43.2	43.2	47.9	47.9	47.9	47.9	52.1	52.1	52.1
	Box Volume (cm^3)	8.6	10.2	12.0	14.1	16.4	19.1	22.2	25.8	29.8	34.4
F	Trochlear Angle	14.1°	13.4°	12.8°	12.4°	12.0°	11.6°	11.2°	10.9°	10.5°	10.1°
G	Anterior Flange Angle	5.0°									
H	Boss Valgus Angle	5.0°									
I	Posterior Condyle Angle	1.0°									
J	Boss Height	26.9	25.7	24.5	27.9	26.6	25.1	23.6	26.3	24.6	22.9
K	Boss Diameter (Proximal)	16.2									
L	Boss Diameter (Distal)	18.2	18.6	18.5	18.7	18.6	18.5	18.5	18.6	18.5	18.4

	LCS COMPLETE™ Revision Femoral Component	Small		Small +	Medium	Standard	Standard +		Large		Large +
M	Box Height	17.6		19.4	20.5	21.3	22.6		24.6		26.1
N	Outer Box Width	18.8		20.2	20.9	21.6	22.9		24.2		25.7
O	Inner Box Width	13.7		15.1	15.8	16.5	17.8		19.2		20.6
P	Entrance Box Height	13.1		14.4	15.0	15.7	16.9		18.2		19.7
Q	Box + Boss Height	57.7		19.4	20.5	21.3	22.6		24.6		26.1
	Box Volume (cm^3)	9.7		12.8	15.0	17.0	20.7		25.7		31.2
R	Trochlear Angle	0.0°									
S	Anterior Flange Angle	0.0°									
T	Boss Valgus Angle	2.0° Posterior, 5.0° Valgus									
U	Posterior Condyle Angle	0.0°									
V	Boss Height	40.1									
W	Boss Diameter (Proximal)	13.0									
X	Boss Diameter (Distal)	15.3									

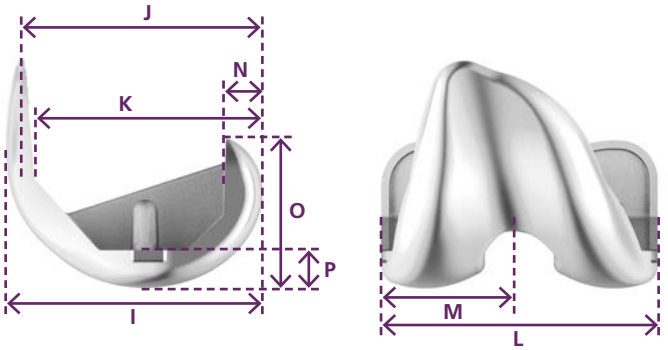
All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

DIMENSIONS



ATTUNE® REVISION FEMORAL COMPONENT



ATTUNE® POSTERIOR STABILIZED (PS) FEMORAL COMPONENT

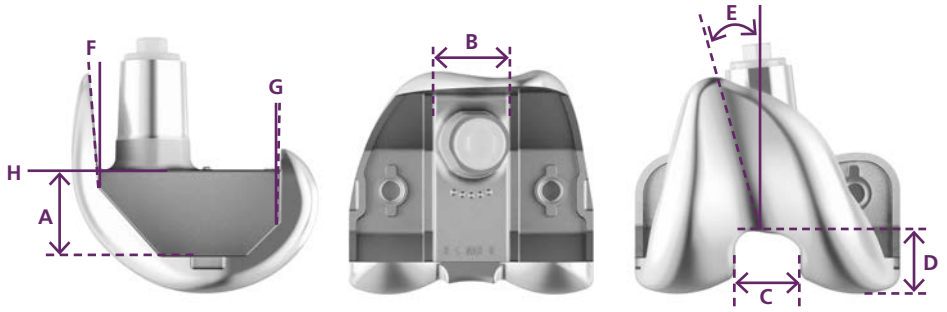
	ATTUNE® Revision Femoral Component	1	2		3		4		5		6	7	8	9	10
A	A/P Dimension (Overall)	48.6	51.7		54.8		58.0		61.1		64.4	67.5	70.8	74.0	77.3
B	A/P Dimension (Sulcus)	47.0	50.0		53.0		56.0		59.0		62.0	65.0	68.0	71.0	74.0
C	A/P (Anterior Cortex to Posterior Condyle)	44.7	47.6		50.6		53.6		56.7		59.7	62.8	65.9	69.0	72.1
D	M/L Dimension (Overall)	54.1	57.2		60.3		63.4		66.5		69.6	72.7	75.8	78.9	82.0
E	M/L Dimension (Mid-box)	27.1	28.6		30.2		31.7		33.3		34.8	36.4	37.9	39.5	41.0
F	Posterior Condyle Thickness	9.0													
G	Posterior Condyle Length	29.5	30.9		32.4		33.9		35.5		37.2	38.9	40.7	42.7	44.7
H	Distal Condyle Thickness	9.0													

	ATTUNE® PS Femoral Component	1	2	3N	3	4N	4	5N	5	6N	6	7	8	9	10
I	A/P Dimension (Overall)	48.6	51.7	54.5	54.8	57.6	58.0	61.0	61.1	63.8	64.4	67.5	70.8	74.0	77.3
J	A/P Dimension (Sulcus)	47.0	50.0	53.0	53.0	56.0	56.0	59.0	59.0	62.0	62.0	65.0	68.0	71.0	74.0
K	A/P (Anterior Cortex to Posterior Condyle)	44.7	47.6	50.5	50.6	53.5	53.6	56.4	56.6	59.5	59.6	62.8	65.7	69.0	72.1
L	M/L Dimension (Overall)	54.1	57.2	56.8	60.3	59.9	63.4	63.0	66.5	66.1	69.6	72.7	75.8	78.9	82.0
M	M/L Dimension (Mid-box)	27.1	28.6	28.4	30.2	30.0	31.7	31.5	33.3	33.1	34.8	36.4	37.9	39.5	41.0
N	Posterior Condyle Thickness	9.0													
O	Posterior Condyle Length	29.4	30.9	32.3	32.4	33.8	33.9	35.5	35.5	37.1	37.2	38.9	40.7	42.7	44.7
P	Distal Condyle Thickness	9.0													

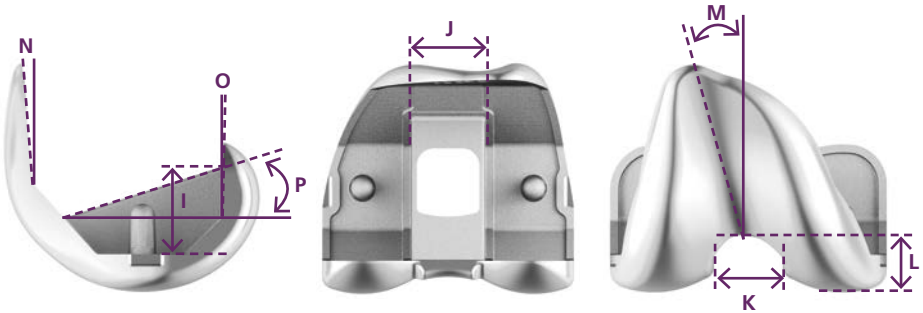
All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

DIMENSIONS



ATTUNE® REVISION FEMORAL COMPONENT



ATTUNE® PS FEMORAL COMPONENT

	ATTUNE® Revision Femoral Component	1	2		3		4		5		6	7	8	9	10
A	Box Height	16.3	17.4		18.7		20.0		21.4		22.8	24.3	25.8	27.5	29.2
B	Outer Box Width	18.1	18.6		19.2		19.9		20.5		21.2	21.9	22.6	23.4	24.2
C	Inner Box Width	14.1	14.6		15.2		15.9		16.5		17.2	17.9	18.6	19.4	20.2
D	Entrance Box Height	14.4	14.6		15.0		15.3		15.7		16.2	16.6	17.2	17.8	18.3
	Box Volume cm³	8.6	10.2		12.0		14.1		16.4		19.1	22.2	25.8	29.8	34.4
E	Trochlear Angle	14.1°	13.4°		12.8°		12.4°		12.0°		11.6°	11.2°	10.9°	10.5°	10.1°
F	Anterior Flange Angle	5.0°													
G	Posterior Condyle Angle	1.0°													
H	Box Angle	0.0°													

	ATTUNE® PS Femoral Component	1	2	3N	3	4N	4	5N	5	6N	6	7	8	9	10
I	Box Height	16.2	17.5	18.7	18.7	19.9	19.9	21.2	21.2	22.6	22.6	24.1	25.6	27.2	28.9
J	Outer Box Width	17.1	17.6	18.2	18.2	18.9	18.9	19.5	19.5	20.2	20.2	20.9	21.6	22.4	23.2
K	Inner Box Width	14.1	14.6	15.2	15.2	15.9	15.9	16.5	16.5	17.2	17.2	17.9	18.6	19.4	20.2
L	Entrance Box Height	11.9	12.3	12.6	12.6	13.0	13.0	13.5	13.5	13.8	13.8	14.3	14.8	15.4	16.0
	Box Volume cm³	5.0	5.9	6.9	6.9	8.1	8.1	9.5	9.5	11.1	11.1	12.9	15.0	17.4	20.2
M	Trochlear Angle	14.1°	13.4°	12.8°	12.8°	12.4°	12.4°	12.0°	12.0°	11.6°	11.6°	11.2°	10.9°	10.5°	10.1°
N	Anterior Flange Angle	5.0°													
O	Posterior Condyle Angle	1.0°													
P	Box Angle	18.0°													

NOTE: The ATTUNE PS Femoral Component posterior box height (height measured from the distal cut to the back of the box) grows from size to size by 1.16 mm to 1.69 mm.

All dimensions are mm, unless otherwise indicated

FEMORAL COMPONENTS

FEATURES



ATTUNE® REVISION FEMORAL COMPONENT



SIGMA® TC3 FEMORAL COMPONENT WITH FEMORAL ADAPTER



LCS COMPLETE™ REVISION FEMORAL COMPONENT



ATTUNE® PS FEMORAL COMPONENT

ATTUNE® Revision Femoral Component	All Sizes
Hyperextension	10.0°
Flexion Accomodated	130.0° with the ATTUNE Revision FB Tibial Insert – 145.0° with ATTUNE PS FB Tibial Insert
Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Polyethylene Plug Material	Ultra High Molecular Weight Polyethylene

SIGMA® TC3 Femoral Component	All Sizes
Hyperextension	5.0°
Flexion Accomodated	130.0°
Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Polyethylene Plug Material	Ultra High Molecular Weight Polyethylene Box Plug and Augment Plugs

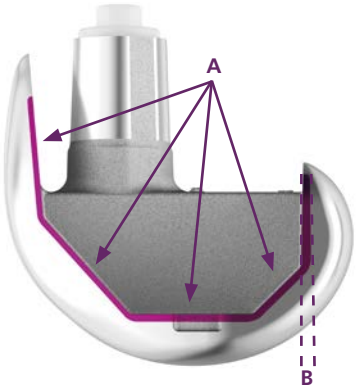
LCS COMPLETE™ Revision Femoral Component	All Sizes
Hyperextension	15.0°
Flexion Accomodated	140.0°
Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Polyethylene Plug Material	Ultra High Molecular Weight Polyethylene

ATTUNE® PS Femoral Component	All Sizes
Hyperextension	10.0°
Flexion Accomodated	145.0°
Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Polyethylene Plug Material	N/A

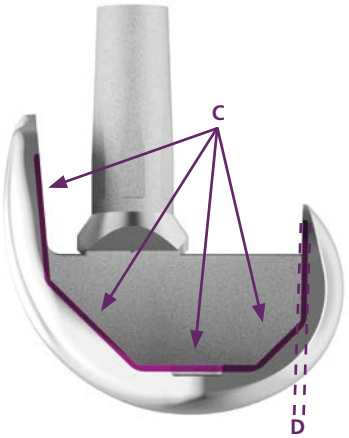
*Conforms to ASTM F75

FEMORAL COMPONENTS

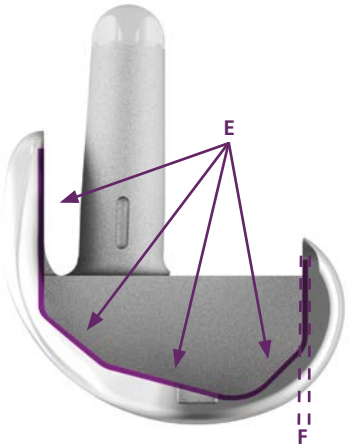
FEATURES



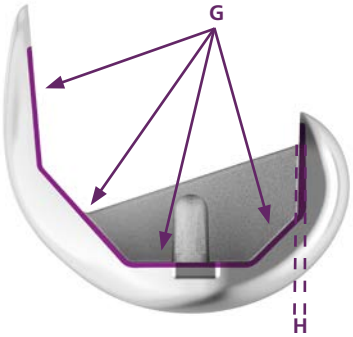
ATTUNE® REVISION FEMORAL COMPONENT



SIGMA® TC3 FEMORAL COMPONENT WITH FEMORAL ADAPTER



LCS COMPLETE™ REVISION FEMORAL COMPONENT



ATTUNE® PS FEMORAL COMPONENT

	ATTUNE® Revision Femoral Component	All Sizes
A	Cement Pocket Depth	1.0
B	Posterior Condyle Cement Pocket	Slopes down along condyle – Proximal condyle is 1.3 – Distal condyle is 1.8
	Backside Surface Finish	Grit Blast
	Articular Surface Finish	Highly Polished

	SIGMA® TC3 Femoral Component	All Sizes
C	Cement Pocket Depth	1.0
D	Posterior Condyle Cement Pocket	1.2
	Backside Surface Finish	Grit Blast
	Articular Surface Finish	Highly Polished

	LCS COMPLETE™ Revision Femoral Component	All Sizes
E	Cement Pocket Depth	1.0
F	Posterior Condyle Cement Pocket	1.0
	Backside Surface Finish	Grit Blast
	Articular Surface Finish	Highly Polished

	ATTUNE® PS Femoral Component	All Sizes
G	Cement Pocket Depth	1.0
H	Posterior Condyle Cement Pocket	Slopes down along condyle – Proximal condyle is 1.0 – Distal condyle is 1.5
	Backside Surface Finish	Grit Blast
	Articular Surface Finish	Highly Polished

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

FIXED BEARING TIBIAL INSERTS

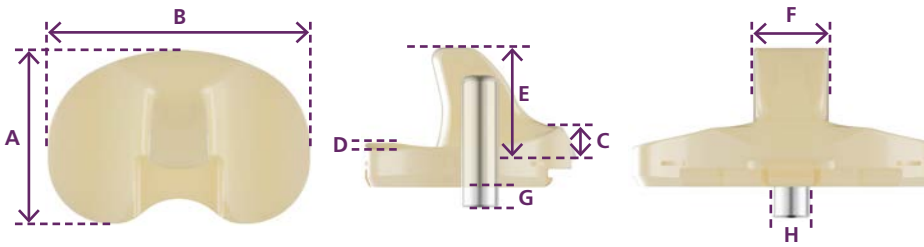


DePuy Synthes *People inspired*™
PART OF THE Johnson&Johnson FAMILY OF COMPANIES

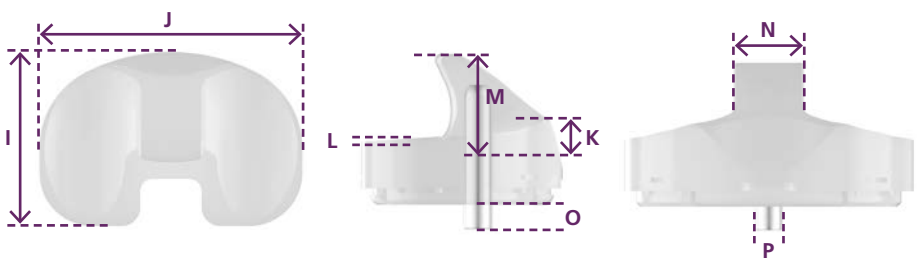
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FIXED BEARING TIBIAL INSERTS

DIMENSIONS



ATTUNE® REVISION FIXED BEARING (FB) INSERT



SIGMA® TC3 FIXED BEARING (FB) INSERT

	ATTUNE® Revision FB Insert	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	39.0	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2
B	M/L Dimension	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0
C	Anterior Lip Jump Height	4.9	5.1	5.3	5.7	5.9	6.1	6.5	6.5	6.6	7.0
D	Posterior Lip Jump Height	2.2	2.1	2.2	2.4	2.4	2.5	2.5	2.6	2.6	2.6
E	Spine Height	19.6	20.5	21.5	22.5	23.5	24.5	25.8	27.0	28.3	29.6
F	Spine Width	13.8	14.3	14.9	15.5	16.2	16.8	17.5	18.2	18.9	19.7
	Subluxation Height	16.7	17.3	18.1	19.0	19.9	20.6	21.8	22.6	23.7	24.9
G	Reinforcement Pin Length	5.0									
H	Reinforcement Pin Diameter	8.1									

	SIGMA® TC3 FB Insert		1.5	2	2.5	3	4		5		
I	A/P Dimension		40.6	43.2	44.9	47.0	50.8		55.3		
J	M/L Dimension		60.8	63.5	67.0	71.1	76.2		83.0		
K	Anterior Lip Jump Height		7.8	8.0	7.6	7.7	8.1		8.1		
L	Posterior Lip Jump Height		2.5	2.6	2.7	2.5	2.8		4.1		
M	Spine Height		22.0	22.0	23.0	23.0	23.0		24.0		
N	Spine Width		17.2	17.2	17.2	17.2	17.2		17.2		
	Subluxation Height		18.9	19.0	20.0	20.7	20.1		21.0		
O	Reinforcement Pin Length	10.4									
P	Reinforcement Pin Diameter	6.6									

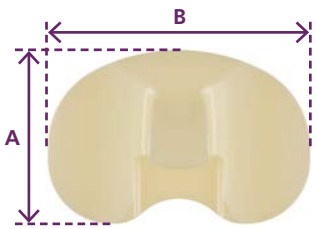
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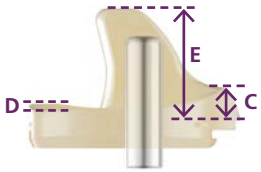
- Jump Height is defined as the vertical height required to dislocate.
- Spine height measured from dwell point to the top of the spine.

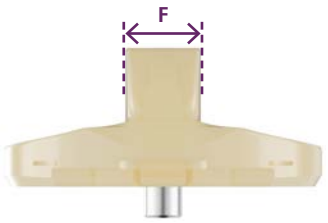
All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL INSERTS

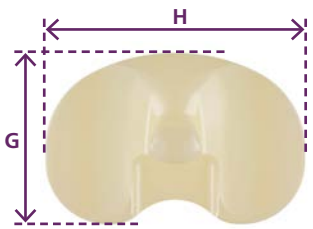
DIMENSIONS

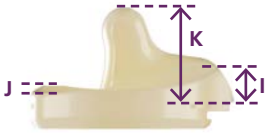


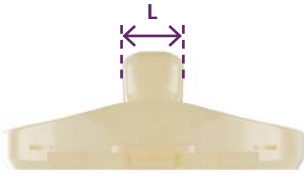




ATTUNE® REVISION FB INSERT







ATTUNE® PS FB INSERT

	ATTUNE® Revision FB Insert	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	39.0	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2
B	M/L Dimension	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0
C	Anterior Lip Jump Height	4.9	5.1	5.3	5.7	5.9	6.1	6.5	6.5	6.6	7.0
D	Posterior Lip Jump Height	2.2	2.1	2.2	2.4	2.4	2.5	2.5	2.6	2.6	2.6
E	Spine Height	19.6	20.5	21.5	22.5	23.5	24.5	25.8	27.0	28.3	29.6
F	Spine Width	13.8	14.3	14.9	15.5	16.2	16.8	17.5	18.2	18.9	19.7
	Subluxation Height	16.7	17.3	18.1	19.0	19.9	20.6	21.8	22.6	23.7	24.9

	ATTUNE® PS FB Insert	1	2	3	4	5	6	7	8	9	10
G	A/P Dimension	39.0	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2
H	M/L Dimension	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0
I	Anterior Jump Height	5.2	5.1	5.3	5.7	5.9	6.1	6.4	6.5	6.5	7.0
J	Posterior Jump Height	2.0	1.9	2.0	2.1	2.1	2.1	2.2	2.3	2.3	2.4
K	Spine Height	17.1	17.9	18.7	19.6	20.5	21.5	22.5	23.5	24.6	25.8
L	Spine Width	11.7	12.2	12.7	13.3	13.8	14.5	15.3	15.7	16.4	17.1
	Subluxation Height	13.9	14.3	14.9	15.5	16.0	16.8	18.0	18.4	19.2	20.6

NOTE:

- Jump Height is defined as the vertical height required to dislocate.
- Spine height measured from dwell point to the top of the spine.

All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL INSERTS

FEATURES



ATTUNE® REVISION FB INSERT



SIGMA® TC3 FB INSERT



ATTUNE® PS FB INSERT

ATTUNE® Revision FB Insert	All Sizes
Internal/External Rotation at 0°	(+/-) 4.0°
Internal/External Rotation at 90°	(+/-) 4.0°
Varus/Valgus Constraint	(+/-) 1.25°
Hyperextension	10.0°
Flexion Angle of Cam Engagement	60.0° - 70.0°
Material	AOX™ Antioxidant Ultra High Molecular Weight Polyethylene – Titanium Alloy* Reinforcement Pin

SIGMA® TC3 FB Insert	All Sizes
Internal/External Rotation at 0°	(+/-) 4.3°
Internal/External Rotation at 90°	(+/-) 5.4°
Varus/Valgus Constraint	(+/-) 2.2°
Hyperextension	5.0°
Flexion Angle of Cam Engagement	85.0° - 90.0°
Material	Ultra High Molecular Weight Polyethylene – Titanium Alloy* Reinforcement Pin

ATTUNE® PS FB Insert	All Sizes
Internal/External Rotation at 0°	N/A
Internal/External Rotation at 90°	N/A
Varus/Valgus Constraint	N/A
Hyperextension	10.0°
Flexion Angle of Cam Engagement	60.0° - 70.0°
Material	AOX Antioxidant Ultra High Molecular Weight Polyethylene

*Conforms to ASTM F136

Attune®
Knee System
Revision Solutions

ROTATING PLATFORM TIBIAL INSERTS

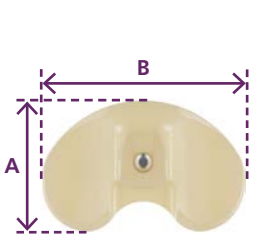


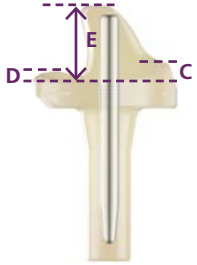
DePuy Synthes *People inspired*™
PART OF THE Johnson&Johnson FAMILY OF COMPANIES

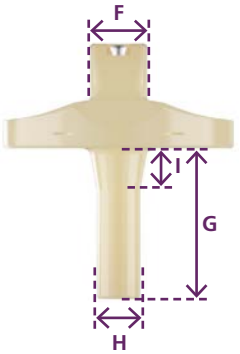
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ROTATING PLATFORM TIBIAL INSERTS

DIMENSIONS

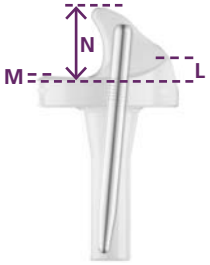


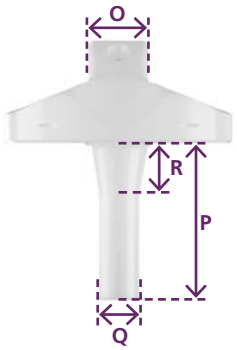




ATTUNE® REVISION RP INSERT







SIGMA® TC3 RP INSERT

	ATTUNE® Revision RP Insert	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	34.4	36.3	38.2	40.1	42.0	43.9	45.8	47.7	49.6	51.5
B	M/L Dimension	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0
C	Anterior Lip Jump Height	3.7	4.0	4.3	4.4	4.8	5.1	5.3	5.6	6.1	6.1
D	Posterior Lip Jump Height	2.5	2.9	3.0	3.0	3.1	3.1	3.3	3.2	3.3	3.3
E	Spine Height	19.6	20.5	21.5	22.4	23.5	24.7	25.8	27.0	28.3	29.6
F	Spine Width	13.8	14.3	14.9	15.5	16.2	16.8	17.5	18.2	18.9	19.7
G	Stem Length	42.5									
H	Stem Diameter	12.2									
I	Conical Length	12.3									
	Subluxation Height	16.6	17.3	18.1	19.0	19.9	20.8	21.8	22.6	23.7	24.9
	Reinforcement Pin Length	Reinforcement Pin follows the full length of the Cone									
	Reinforcement Pin Diameter	6.0									

	SIGMA® TC3 RP Insert		1.5	2	2.5	3	4		5		
J	A/P Dimension		37.3	39.0	40.4	42.0	43.5		46.9		
K	M/L Dimension		58.3	61.0	63.7	66.1	68.6		73.8		
L	Anterior Lip Jump Height		6.9	7.6	7.4	7.2	7.0		7.6		
M	Posterior Lip Jump Height		1.8	1.9	2.3	2.5	2.5		2.8		
N	Spine Height		22.0	22.0	23.0	23.0	23.0		24.0		
O	Spine Width	17.3									
P	Stem Length	45.6									
Q	Stem Diameter	12.1									
R	Conical Length	15.7									
	Subluxation Height		18.9	19.0	20.0	20.1	20.0		20.8		
	Reinforcement Pin Length	Reinforcement Pin follows the full length of the Cone									
	Reinforcement Pin Diameter	5.9									

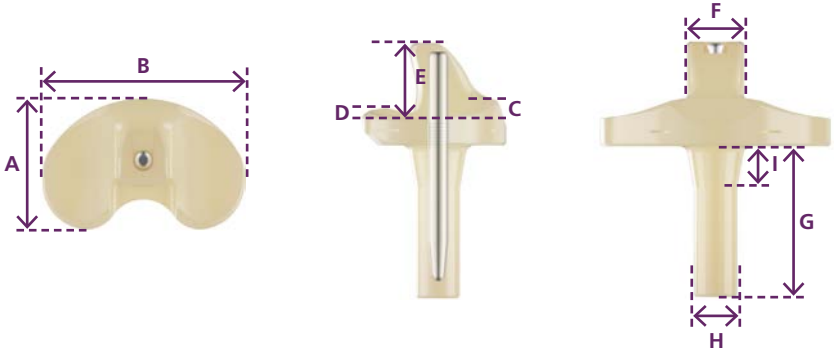
NOTE:

- Jump Height is defined as the vertical height required to dislocate.
- Spine height measured from dwell point to the top of the spine.

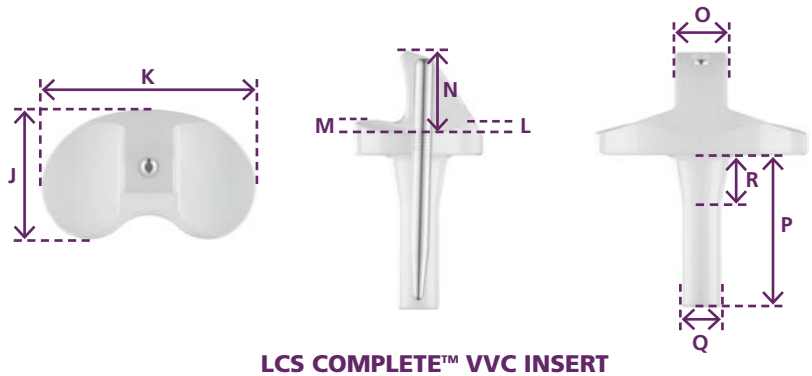
All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL INSERTS

DIMENSIONS



ATTUNE® REVISION RP INSERT



LCS COMPLETE™ VVC INSERT

	ATTUNE® Revision RP Insert	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	34.4	36.3	38.2	40.1	42.0	43.9	45.8	47.7	49.6	51.5
B	M/L Dimension	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0
C	Anterior Lip Jump Height	3.7	4.0	4.3	4.4	4.8	5.1	5.3	5.6	6.1	6.1
D	Posterior Lip Jump Height	2.5	2.9	3.0	3.0	3.1	3.1	3.3	3.2	3.3	3.3
E	Spine Height	19.6	20.5	21.5	22.4	23.5	24.7	25.8	27.0	28.3	29.6
F	Spine Width	13.8	14.3	14.9	15.5	16.2	16.8	17.5	18.2	18.9	19.7
G	Stem Length	42.5									
H	Stem Diameter	12.2									
I	Conical Length	12.3									
	Subluxation Height	16.6	17.3	18.1	19.0	19.9	20.8	21.8	22.6	23.7	24.9
	Reinforcement Pin Length	Reinforcement Pin follows the full length of the Cone									
	Reinforcement Pin Diameter	6.0									

	LCS COMPLETE VVC RP Inserts	Small		Small +	Medium	Standard	Standard +		Large		Large +
J	A/P Dimension	31.9		35.0	36.6	38.3	41.2		44.3		47.7
K	M/L Dimension	53.2		58.5	61.1	63.9	68.7		74.0		79.7
L	Anterior Lip Jump Height	3.2		3.4	3.9	4.8	4.9		5.0		5.6
M	Posterior Lip Jump Height	2.5		2.9	3.3	3.7	4.3		4.5		4.9
N	Spine Height	20.8		22.9	23.9	25.0	26.9		29.0		31.1
O	Spine Width	13.4		14.8	15.4	16.1	17.4		18.8		20.2
P	Stem Length	45.7									
Q	Stem Diameter	12.2									
R	Conical Length	15.5									
	Subluxation Height	16.1		16.6	17.8	20.5	21.0		22.3		24.5
	Reinforcement Pin Length	Reinforcement Pin follows the full length of the Cone									
	Reinforcement Pin Diameter	4.2		4.2	5.9	5.9	5.9		5.9		5.9

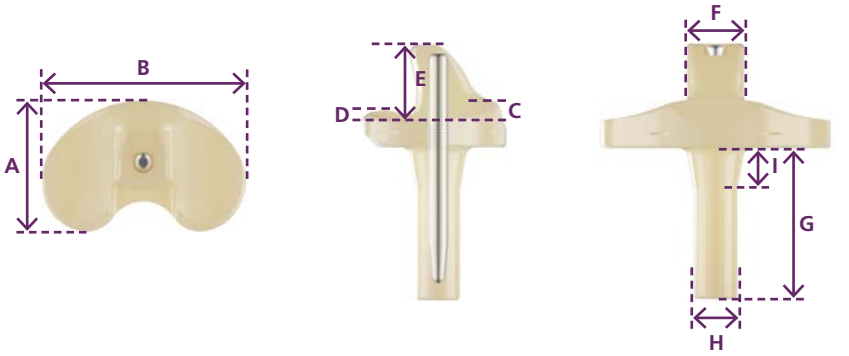
NOTE:

- Jump Height is defined as the vertical height required to dislocate.
- Spine height measured from dwell point to the top of the spine.

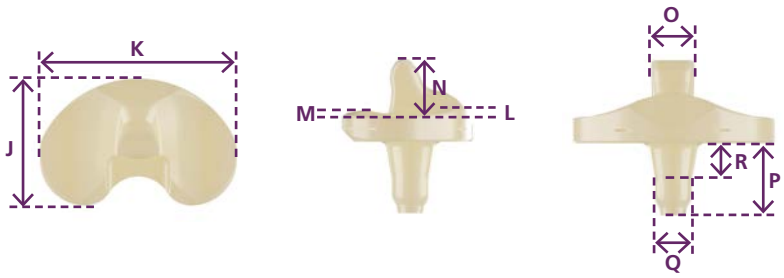
All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL INSERTS

DIMENSIONS



ATTUNE® REVISION RP INSERT



ATTUNE® PS RP INSERT

	ATTUNE® Revision RP Insert	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	34.4	36.3	38.2	40.1	42.0	43.9	45.8	47.7	49.6	51.5
B	M/L Dimension	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0
C	Anterior Lip Jump Height	3.7	4.0	4.3	4.4	4.8	5.1	5.3	5.6	6.1	6.1
D	Posterior Lip Jump Height	2.5	2.9	3.0	3.0	3.1	3.1	3.3	3.2	3.3	3.3
E	Spine Height	19.6	20.5	21.5	22.4	23.5	24.7	25.8	27.0	28.3	29.6
F	Spine Width	13.8	14.3	14.9	15.5	16.2	16.8	17.5	18.2	18.9	19.7
G	Stem Length	42.5									
H	Stem Diameter	12.2									
I	Conical Length	12.3									
	Subluxation Height	16.6	17.3	18.1	19.0	19.9	20.8	21.8	22.6	23.7	24.9

	ATTUNE® PS RP Insert	1	2	3	4	5	6	7	8	9	10
J	A/P Dimension	34.4	36.3	38.2	40.1	42.0	43.9	45.8	47.7	49.6	51.5
K	M/L Dimension	53.0	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0
L	Anterior Lip Jump Height	4.0	4.2	4.5	4.7	5.0	5.2	5.3	5.6	6.1	6.1
M	Posterior Lip Jump Height	2.4	2.6	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8
N	Spine Height	17.1	17.9	18.7	19.6	20.5	21.5	22.5	25.3	24.6	25.8
O	Spine Width	11.8	12.3	12.8	13.3	13.9	14.6	15.2	15.9	16.5	17.3
P	Stem Length	23.0									
Q	Stem Diameter	15.7									
R	Conical Length	11.2									
	Subluxation Height	13.9	14.3	14.9	15.5	16.0	16.8	18.0	18.3	19.2	20.5

NOTE:
- Jump Height is defined as the vertical height required to dislocate.
- Spine Height measured from dwell point to the top of the Spine.

All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL INSERTS

FEATURES



ATTUNE® REVISION RP INSERT



SIGMA® TC3 RP INSERT



LCS COMPLETE™ VVC INSERT



ATTUNE® PS RP INSERT

ATTUNE® Revision RP Insert	All Sizes
Varus/Valgus Constraint	(+/-) 1.25˚
Hyperextension	10.0˚
Flexion Angle of Cam Engagement	75.0-80.0˚
Material	AOX Antioxidant Ultra High Molecular Weight Polyethylene, Titanium Alloy* Reinforcement Pin

SIGMA® TC3 RP Insert	All Sizes
Varus/Valgus Constraint	(+/-) 2.0˚
Hyperextension	5.0˚
Flexion Angle of Cam Engagement	90.0˚
Material	Ultra High Molecular Weight Polyethylene, Titanium Alloy* Reinforcement Pin

LCS COMPLETE VVC Insert	All Sizes
Varus/Valgus Constraint	(+/-) 1.25˚
Hyperextension	7.0˚
Flexion Angle of Cam Engagement	70.0˚
Material	Ultra High Molecular Weight Polyethylene, Titanium Alloy* Reinforcement Pin

ATTUNE® PS RP Insert	All Sizes
Varus/Valgus Constraint	N/A
Hyperextension	10.0˚
Flexion Angle of Cam Engagement	75.0-80.0˚
Material	AOX Antioxidant Ultra High Molecular Weight Polyethylene

*Conforms to ASTM F136

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

FIXED BEARING TIBIAL BASES

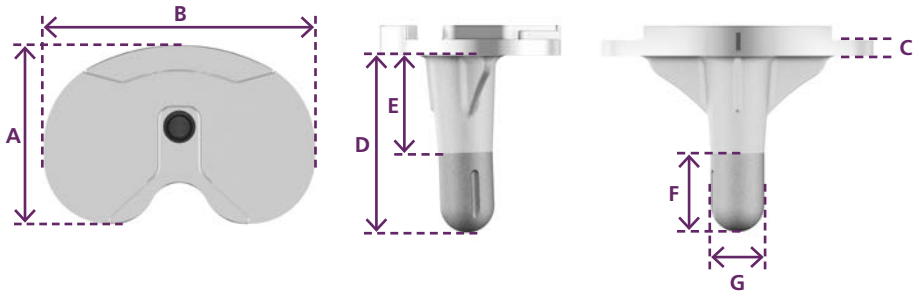


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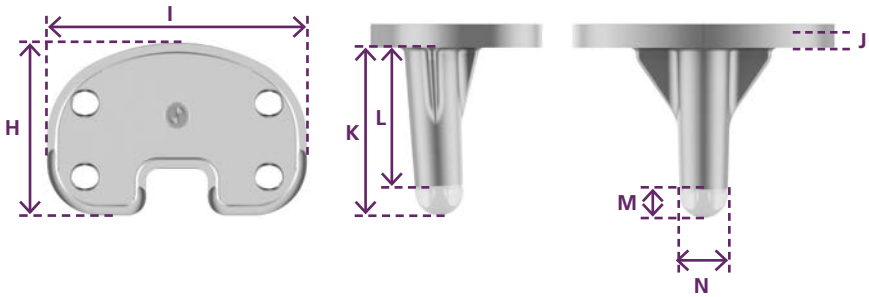
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FIXED BEARING TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION FB TIBIAL BASE



SIGMA® MODULAR (MOD) PLUS FB TIBIAL TRAY

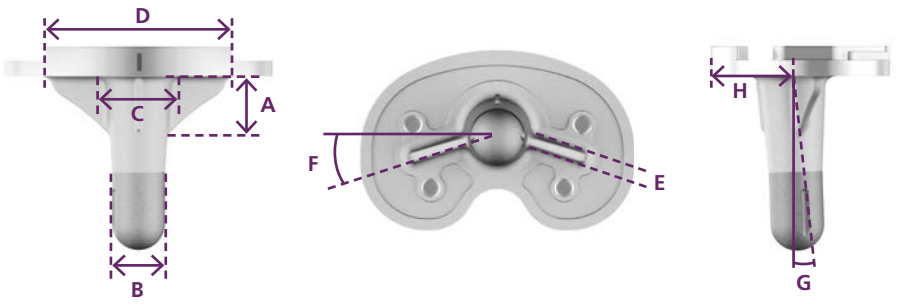
	ATTUNE® Revision FB Tibial Base	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
B	M/L Dimension	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
C	Thickness	4.1									
D	Cone Length with Titanium End Cap	46.0									
E	Cone Length without Titanium End Cap	25.3									
F	Titanium End Cap Length	20.7									
G	Titanium End Cap Diameter	14.0									

	SIGMA® Mod Plus FB Tibial Tray		1.5	2	2.5	3		4		5	
H	A/P Dimension		40.6	43.2	44.9	47.0		50.8		55.3	
I	M/L Dimension		60.8	63.5	67.0	71.1		76.2		83.0	
J	Thickness	2.7									
K	Cone Length with Polyethylene End Cap		46.0	46.0	46.0	46.0		51.0		51.0	
L	Cone Length without Polyethylene End Cap		38.0	38.0	38.0	38.0		43.0		43.0	
M	Polyethylene End Cap Length	8.0									
N	Polyethylene End Cap Diameter		13.2	13.2	13.2	13.2		14.7		14.7	

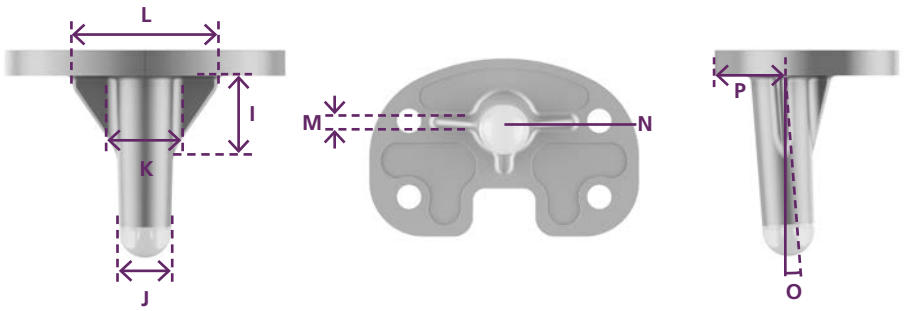
All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION FB TIBIAL BASE



SIGMA® MOD PLUS FB TIBIAL TRAY

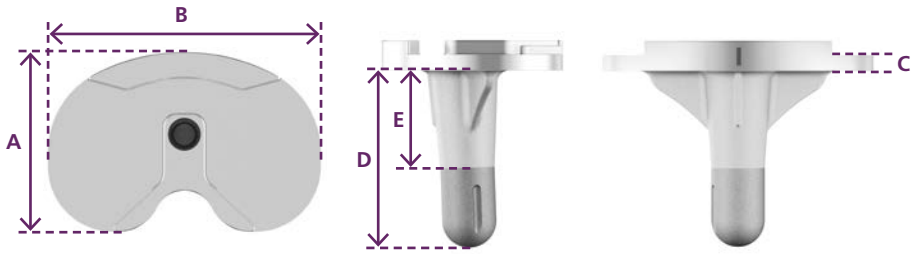
	ATTUNE® Revision FB Tibial Base	1	2	3	4	5	6	7	8	9	10
A	Keel Length	15.1	15.1	16.9	16.9	16.9	17.9	17.9	17.9	18.7	18.7
B	Distal Cone Diameter	14.0									
C	Proximal Cone Diameter	18.2									
D	Keel M/L	42.2	42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
E	Keel Thickness	3.0									
F	Angle of Swept Back Keel	18.5°									
G	Slope of Cone	2.0°									
H	Proximal Cone Location Relative to Anterior Edge	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

	SIGMA® Mod Plus FB Tibial Tray		1.5	2	2.5	3		4		5	
I	Keel Length		21.6	21.6	21.6	21.6		25.0		25.0	
J	Distal Cone Diameter		13.2	13.2	13.2	13.2		14.7		14.7	
K	Proximal Cone Diameter		15.2	15.2	15.2	15.2		17.0		17.0	
L	Keel M/L		36.9	36.9	36.9	36.9		43.2		43.2	
M	Keel Thickness	2.4									
N	Angle of Swept Back Keel	0.0°									
O	Slope of Cone	3.0°									
P	Proximal Cone Location Relative to Anterior Edge		14.4	15.2	15.8	16.7		17.8		20.3	

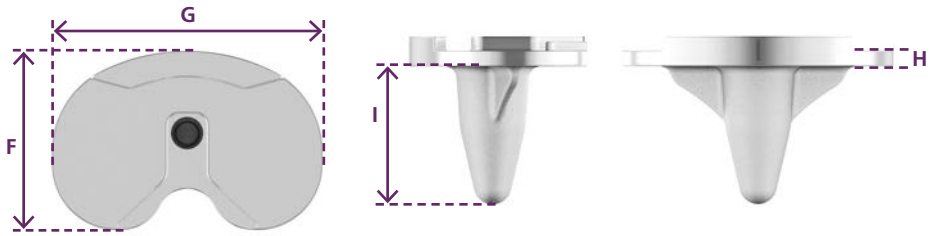
All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION FB TIBIAL BASE



ATTUNE® FB TIBIAL BASE

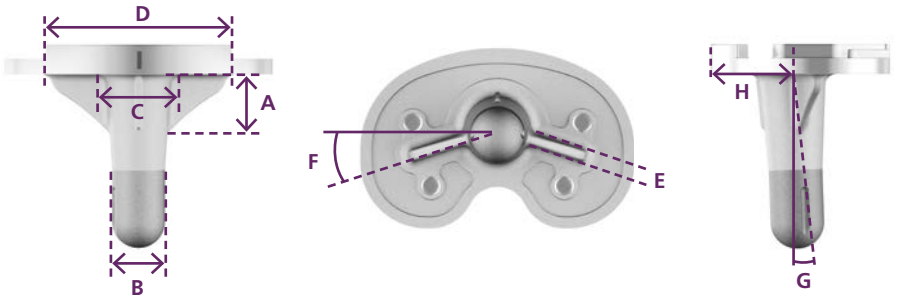
	ATTUNE® Revision FB Tibial Base	1	2	3	4	5	6	7	8	9	10
A	A/P Dimension	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
B	M/L Dimension	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
C	Thickness	4.1									
D	Cone Length with Titanium End Cap	46.0									
E	Cone Length without Titanium End Cap	25.3									

	ATTUNE® FB Tibial Base	1	2	3	4	5	6	7	8	9	10
F	A/P Dimension	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
G	M/L Dimension	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
H	Thickness	4.1									
I	Cone Length	33.0	33.0	36.0	36.0	36.0	40.0	40.0	40.0	43.0	43.0

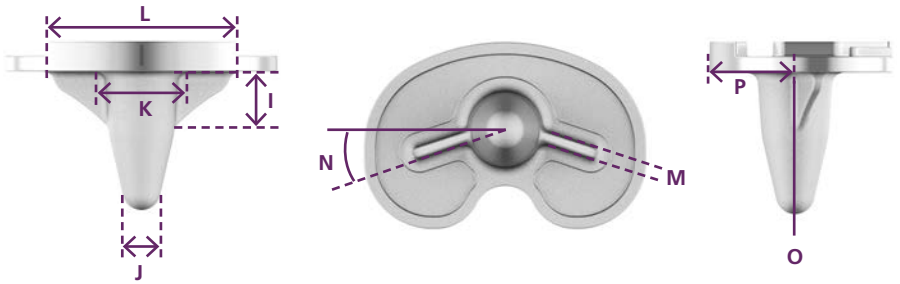
All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION FB TIBIAL BASE



ATTUNE® FB TIBIAL BASE

	ATTUNE® Revision FB Tibial Base	1	2	3	4	5	6	7	8	9	10
A	Keel Length	15.1	15.1	16.9	16.9	16.9	17.9	17.9	17.9	18.7	18.7
B	Distal Cone Diameter	14.0									
C	Proximal Cone Diameter	18.2									
D	Keel M/L	42.2	42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
E	Keel Thickness	3.0									
F	Angle of Swept Back Keel	18.5°									
G	Slope of Cone	2.0°									
H	Proximal Cone Location Relative to Anterior Edge	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

	ATTUNE® FB Tibial Base	1	2	3	4	5	6	7	8	9	10
I	Keel Length	14.0	14.0	15.5	15.5	15.5	18.9	18.9	18.9	19.5	19.5
J	Distal Cone Diameter	9.7									
K	Proximal Cone Diameter	18.7	18.7	19.0	19.0	19.0	19.6	19.6	19.6	20.0	20.0
L	Keel M/L	42.2	42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
M	Keel Thickness	3.0									
N	Angle of Swept Back Keel	18.5°									
O	Slope of Cone	0.0°									
P	Proximal Cone Location Relative to Anterior Edge	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL BASES

FEATURES



ATTUNE® REVISION FB TIBIAL BASE



SIGMA® MOD PLUS FB TIBIAL TRAY



ATTUNE® FB TIBIAL BASE

ATTUNE® Revision FB Tibial Base	All Sizes
Cement Pocket Depth	0.75
Tibial Base Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Backside Surface Finish	Grit Blast
Topside Surface Finish	Highly Polished
Titanium End Cap Material	Titanium Alloy**
Titanium End Cap Surface Finish	Glass Bead Blast

SIGMA® Mod Plus FB Tibial Tray	All Sizes
Cement Pocket Depth	1.1
Tibial Base Material and Manufacturing Process	Titanium Alloy** – Forged
Backside Surface Finish	Glass Bead Blast
Topside Surface Finish	Glass Bead Blast
Polyethylene End Cap Material	Ultra High Molecular Weight Polyethylene
Polyethylene End Cap Surface Finish	Smooth

ATTUNE® FB Tibial Base	All Sizes
Cement Pocket Depth	0.75
Tibial Base Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined
Backside Surface Finish	Grit Blast
Topside Surface Finish	Highly Polished

*Conforms to ASTM F75
**Conforms to ASTM F136

All dimensions are mm, unless otherwise indicated

FIXED BEARING TIBIAL BASES

SIZE INTERCHANGEABILITY

ATTUNE® REVISION FB TIBIAL BASE WITH REVISION FB INSERT



1 SIZE DOWN INSERT



SIZE TO SIZE MATCH



1 SIZE UP INSERT



2 SIZES DOWN INSERT



2 SIZES UP INSERT

NOTE: ATTUNE Revision FB Knee System has the same size interchangeability as primary ATTUNE FB Knee System.

Attune®
Knee System
Revision Solutions

ROTATING PLATFORM TIBIAL BASES

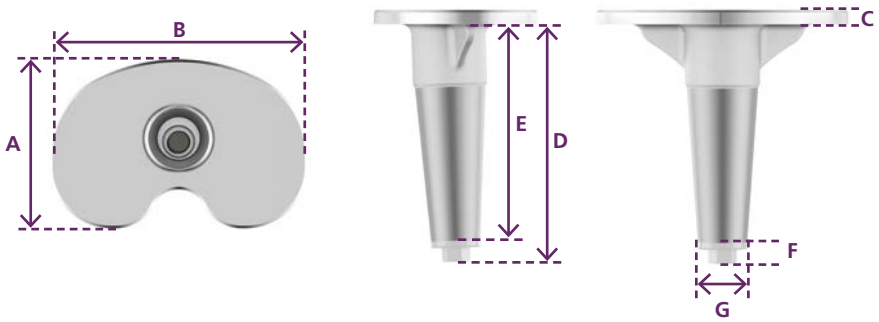


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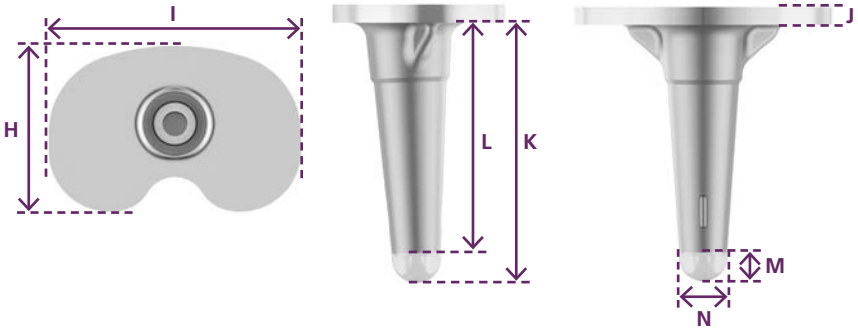
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ROTATING PLATFORM TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION RP TIBIAL BASE



M.B.T. REVISION TRAY

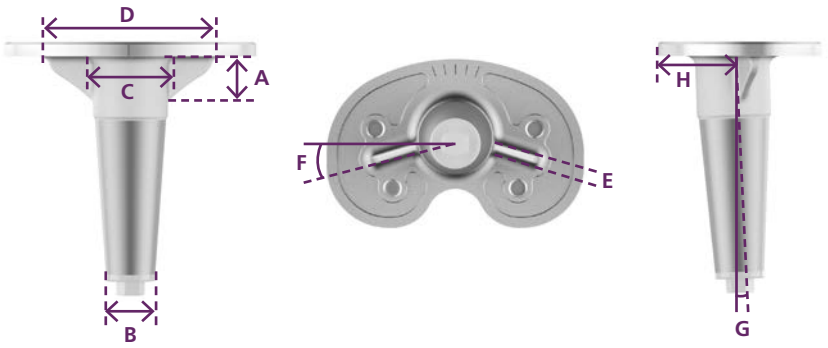
	ATTUNE® Revision RP Tibial Base		2	3	4	5	6	7	8	9	10
A	A/P Dimension		40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
B	M/L Dimension		62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
C	Thickness		4.1								
D	Cone Length with Polyethylene Plug		67.7								
E	Cone Length without Polyethylene Plug		61.7								
F	Polyethylene Plug Length		6.0								
G	Polyethylene Plug Diameter		14.0								

	M.B.T. Revision Tray	1	1.5	2	2.5	3	4		5		6
H	A/P Dimension	39.0	40.7	42.6	44.2	45.8	49.3		53.1		57.2
I	M/L Dimension	59.2	61.8	64.6	67.1	69.6	74.9		80.6		86.8
J	Thickness	4.9									
K	Cone Length with Polyethylene Plug	69.6									
L	Cone Length without Polyethylene Plug	61.6									
M	Polyethylene Plug Length	8.0									
N	Polyethylene Plug Diameter	13.2									

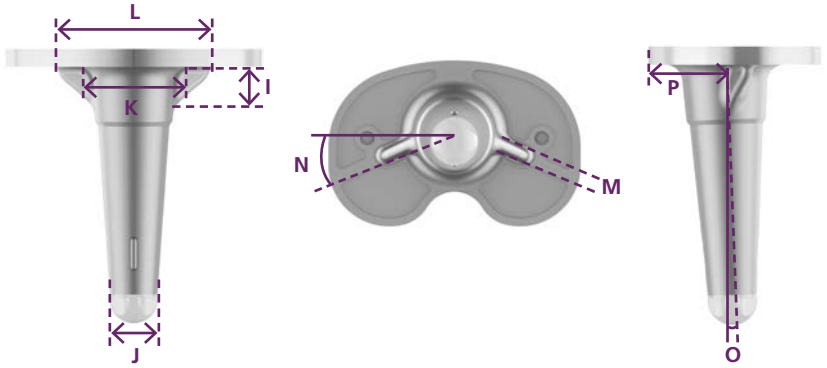
All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION RP TIBIAL BASE



M.B.T. REVISION TRAY

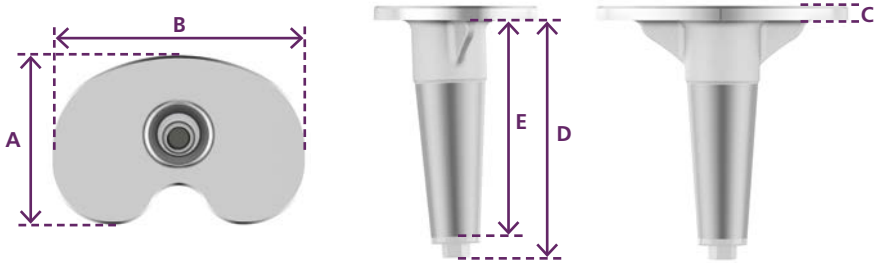
	ATTUNE® Revision RP Tibial Base		2	3	4	5	6	7	8	9	10
A	Keel Length		12.5	14.3	14.3	14.3	15.3	15.3	15.3	15.9	15.9
B	Distal Cone Diameter	14.0									
C	Proximal Cone Diameter	21.2									
D	Keel M/L		42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
E	Keel Thickness	3.0									
F	Angle of Swept Back Keel	18.5˚									
G	Slope of Cone	2.0˚									
H	Proximal Cone Location Relative to Anterior Edge		18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

	M.B.T. Revision Tray	1	1.5	2	2.5	3	4		5		6
I	Keel Length	13.7									
J	Distal Cone Diameter	13.0									
K	Proximal Cone Diameter	22.6									
L	Keel M/L	44.8									
M	Keel Thickness	3.2									
N	Angle of Swept Back Keel	25.0˚									
O	Slope of Cone	2.0˚									
P	Proximal Cone Location Relative to Anterior Edge	17.6	18.1	18.5	19.3	20.1	21.9		23.8		25.8

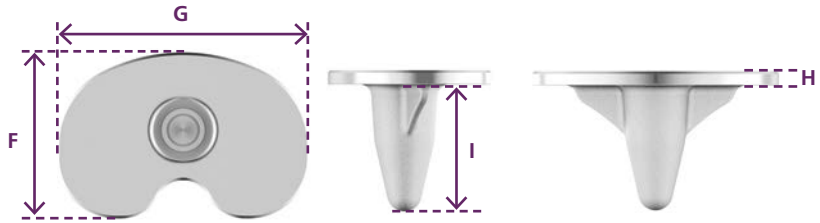
All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION RP TIBIAL BASE



ATTUNE® RP TIBIAL BASE

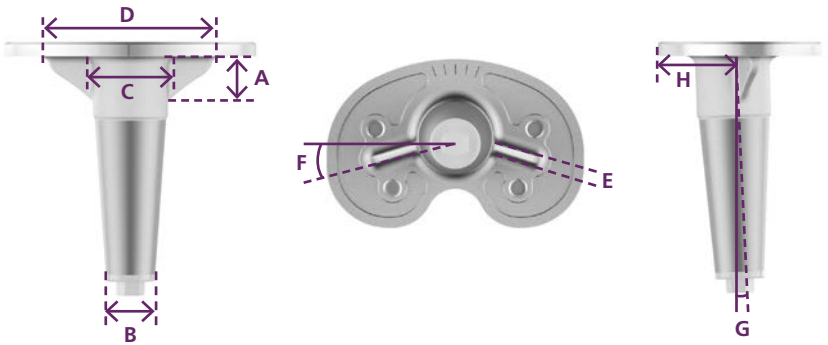
	ATTUNE® Revision RP Tibial Base		2	3	4	5	6	7	8	9	10
A	A/P Dimension		40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
B	M/L Dimension		62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
C	Thickness	4.1									
D	Cone Length with Polyethylene Plug	67.7									
E	Cone Length without Polyethylene Plug	61.7									

	ATTUNE® RP Tibial Base	1	2	3	4	5	6	7	8	9	10
F	A/P Dimension	39.0	40.9	42.8	44.7	46.6	48.5	50.4	52.3	54.2	56.1
G	M/L Dimension	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0
H	Thickness	4.1									
I	Cone Length	33.0	33.0	36.0	36.0	36.0	40.0	40.0	40.0	43.0	43.0

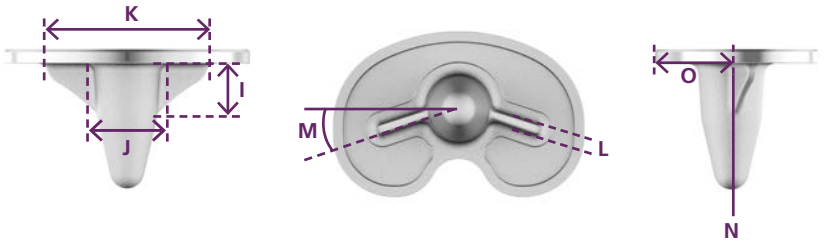
All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL BASES

DIMENSIONS



ATTUNE® REVISION RP TIBIAL BASE



ATTUNE® RP TIBIAL BASE

	ATTUNE® Revision RP Tibial Base		2	3	4	5	6	7	8	9	10
A	Keel Length		12.5	14.3	14.3	14.3	15.3	15.3	15.3	15.9	15.9
B	Distal Cone Diameter	14.0									
C	Proximal Cone Diameter	21.2									
D	Keel M/L		42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
E	Keel Thickness	3.0									
F	Angle of Swept Back Keel	18.5˚									
G	Slope of Cone	2.0˚									
H	Proximal Cone Location Relative to Anterior Edge		18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

	ATTUNE® RP Tibial Base	1	2	3	4	5	6	7	8	9	10
I	Keel Length	14.0	14.0	15.5	15.5	15.5	18.9	18.9	18.9	19.5	19.5
J	Proximal Cone Diameter	18.7	18.7	19.0	19.0	19.0	19.6	19.6	19.6	20.0	20.0
K	Keel M/L	42.2	42.2	45.7	45.7	45.7	49.1	49.1	49.1	51.5	51.5
L	Keel Thickness	3.0									
M	Angle of Swept Back Keel	18.5˚									
N	Slope of Cone	0.0˚									
O	Proximal Cone Location Relative to Anterior Edge	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9

All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL BASES

FEATURES



ATTUNE® REVISION RP TIBIAL BASE



M.B.T. REVISION TRAY



ATTUNE® RP TIBIAL BASE

ATTUNE® Revision RP Tibial Base	All Sizes
Cement Pocket Depth	0.8
Tibial Base Material and Manufacturing Process	Cobalt Chrome Alloy* - Cast
Backside Surface Finish	Grit Blast
Topside Surface Finish	Highly Polished
Polyethylene Plug Material	Ultra High Molecular Weight Polyethylene

M.B.T. Revision Tray	
Cement Pocket Depth	0.9
Tibial Base Material and Manufacturing Process	Cobalt Chrome Alloy* - Cast
Backside Surface Finish	Grit Blast
Topside Surface Finish	Highly Polished
Polyethylene Plug Material	Ultra High Molecular Weight Polyethylene

ATTUNE® RP Tibial Base	All Sizes
Cement Pocket Depth	0.8
Tibial Base Material and Manufacturing Process	Cobalt Chrome Alloy* - Cast
Backside Surface Finish	Grit Blast
Topside Surface Finish	Highly Polished

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

ROTATING PLATFORM TIBIAL BASES

SIZE INTERCHANGEABILITY



31° of I/E Rotation Before Anterior Overhang

26° of I/E Rotation Before Anterior Overhang

20° of I/E Rotation Before Anterior Overhang

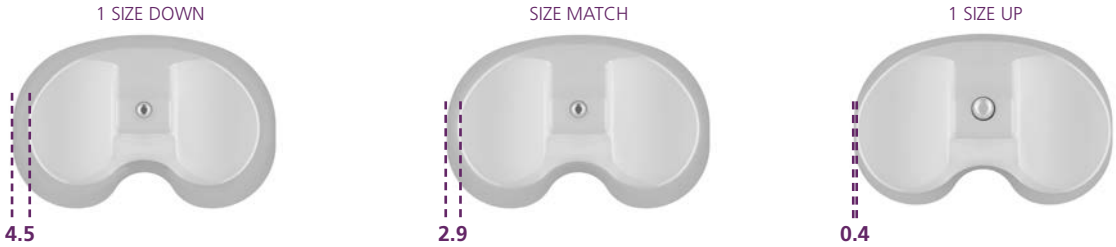
12° of I/E Rotation Before Anterior Overhang

8° of I/E Rotation Before Anterior Overhang

ATTUNE® REVISION RP TIBIAL BASE



SIGMA® TC3 RP INSERT WITH M.B.T. REVISION TRAY



LCS COMPLETE™ VVC INSERT WITH M.B.T. REVISION TRAY



ATTUNE® RP TIBIAL BASE

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

PATELLA COMPONENTS

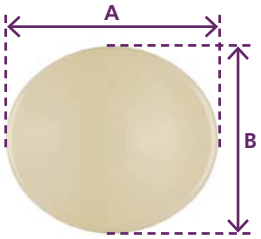


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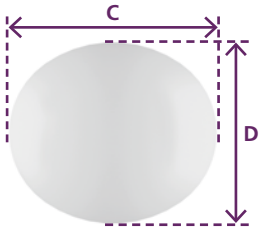
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PATELLA COMPONENTS

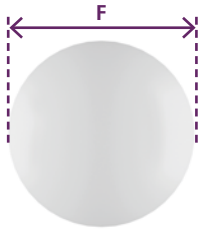
DIMENSIONS



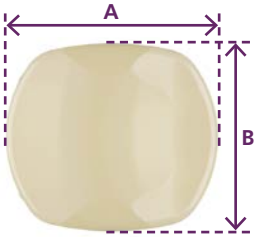
ATTUNE® MEDIALIZED DOME PATELLA



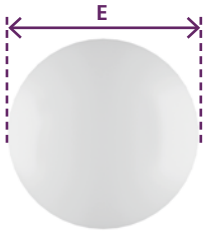
SIGMA® OVAL PATELLA



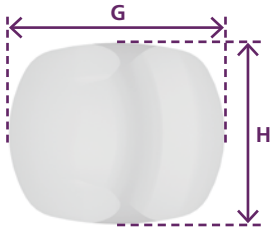
SIGMA® INSET PATELLA



ATTUNE® MEDIALIZED ANATOMIC PATELLA



SIGMA® ROUND PATELLA



LCS COMPLETE™ ALL POLY/ METAL BACKED PATELLA

	ATTUNE® Medialized Dome/Anatomic Patellas	29	32	35	38	41
A	Overall M/L Dimension	29.0	32.0	35.0	38.0	41.0
B	Overall S/I Dimension	25.5	28.2	30.8	33.4	36.1

	SIGMA® Oval Patella		32	35	38	41
C	Overall M/L Dimension		32.0	35.1	38.0	41.0
D	Overall S/I Dimension		28.0	30.5	33.0	36.0

	SIGMA® Round Patella		32	35	38	41
E	Overall Diameter		31.8	34.9	38.1	41.3

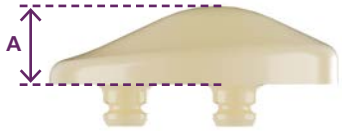
	SIGMA® Inset Patella	25	28	32		
F	Overall Diameter	25.0	28.0	32.0		

	LCS COMPLETE™ All Poly/Metal Backed Patellas	Small	Small +	Medium	Standard	Standard +	Large +	Large +
G	Overall M/L Dimension	28.6	30.8	33.1	33.1	35.7	38.4	41.4
H	Overall S/I Dimension	24.2	26.0	28.0	28.0	30.2	32.5	35.0

All dimensions are mm, unless otherwise indicated

PATELLA COMPONENTS

DIMENSIONS



ATTUNE® MEDIALIZED DOME PATELLA



SIGMA® OVAL PATELLA



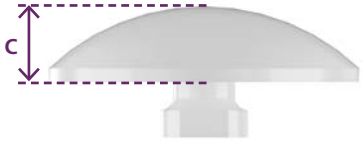
SIGMA® INSET PATELLA



LCS COMPLETE™ ALL POLY PATELLA



ATTUNE® MEDIALIZED ANATOMIC PATELLA



SIGMA® ROUND PATELLA



LCS COMPLETE™ LOW PROFILE PATELLA



LCS COMPLETE™ METAL BACKED PATELLA

	ATTUNE® Medialized Dome/Anatomic Patellas	29	32	35	38	41
A	Articular Thickness	8.5	9.0	9.5	10.0	10.5

	SIGMA® Oval Patellas		32	35	38	41
B	Articular Thickness		7.8	8.5	9.1	11.4

	SIGMA® Round Patellas		32	35	38	41
C	Articular Thickness		7.8	8.5	9.1	11.4

	SIGMA® Inset Patellas	25	28	32		
D	Articular Thickness	9.0	9.6	10.0		

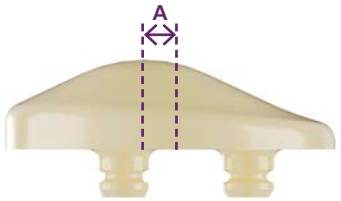
	LCS COMPLETE™ All Poly Low Profile Patellas	Small	Small +	Medium	Standard	Standard +	Large	Large +
E	Articular Thickness	7.1	7.8	8.3	8.5	9.2	9.9	10.6

	LCS COMPLETE™ All Poly/Metal Backed Patellas	Small	Small +	Medium	Standard	Standard +	Large	Large +
F	Articular Thickness	9.0	9.7	10.2	10.4	11.1	11.8	12.5

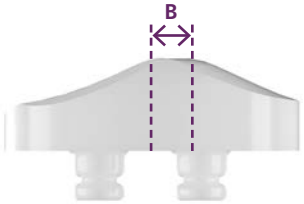
All dimensions are mm, unless otherwise indicated

PATELLA COMPONENTS

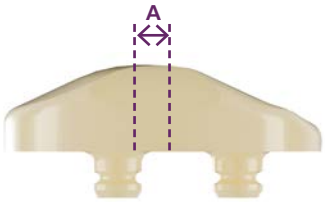
DIMENSIONS



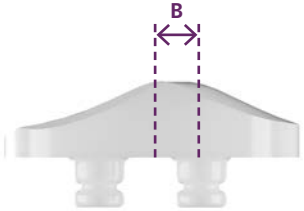
ATTUNE® MEDIALIZED DOME PATELLA



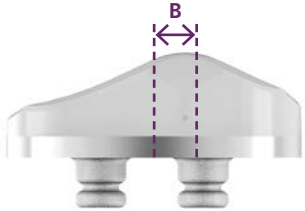
LCS COMPLETE™ ALL POLY PATELLA



ATTUNE® MEDIALIZED ANATOMIC PATELLA



LCS COMPLETE™ LOW PROFILE PATELLA



LCS COMPLETE™ METAL BACKED PATELLA

	ATTUNE® Medialized Dome/Anatomic Patellas	29	32	35	38	41
A	**Medialization**	2.0	2.4	2.8	3.0	3.2

	LCS COMPLETE™ All Poly/Metal Backed Patellas	Small	Small +	Medium	Standard	Standard +	Large	Large +
B	**Medialization**	3.0	3.3	3.5	3.5	3.8	4.1	4.0

All dimensions are mm, unless otherwise indicated

PATELLA COMPONENTS

DIMENSIONS



ATTUNE® MEDIALIZED DOME PATELLA



SIGMA® OVAL PATELLA



LCS COMPLETE™ ALL POLY PATELLA



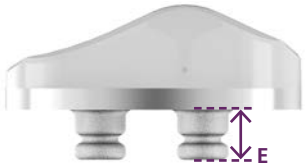
ATTUNE® MEDIALIZED ANATOMIC PATELLA



SIGMA® ROUND PATELLA



SIGMA® INSET PATELLA



LCS COMPLETE™ METAL BACKED PATELLA

	ATTUNE® Medialized Dome/Anatomic Patellas		29	32	35	38	41
A	Peg Height	5.1					

	SIGMA® Oval Patellas			32	35	38	41
B	Peg Height	5.1					

	SIGMA® Round Patellas			32	35	38	41
C	Peg Height	5.7					

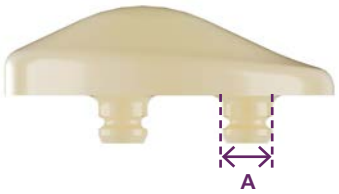
	SIGMA® Inset Patellas	25	28	32	35		
D	Peg Height	3.0					

	LCS COMPLETE™ All Poly/Metal Backed Patellas	Small	Small +	Medium	Standard	Standard +	Large	Large +
E	Peg Height	5.6						

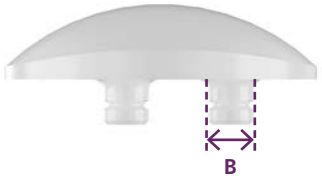
All dimensions are mm, unless otherwise indicated

PATELLA COMPONENTS

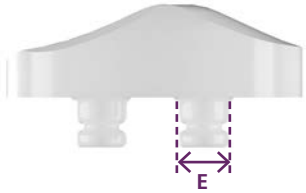
DIMENSIONS



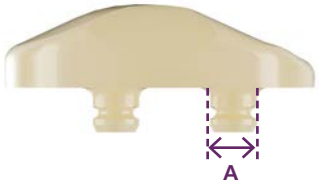
ATTUNE® MEDIALIZED DOME PATELLA



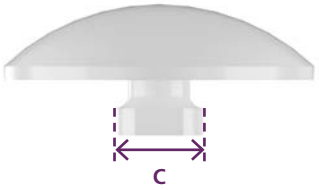
SIGMA® OVAL PATELLA



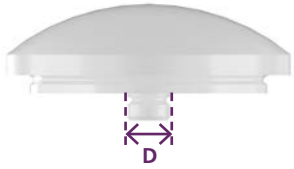
LCS COMPLETE™ ALL POLY PATELLA



ATTUNE® MEDIALIZED ANATOMIC PATELLA



SIGMA® ROUND PATELLA



SIGMA® INSET PATELLA



LCS COMPLETE™ METAL BACKED PATELLA

	ATTUNE® Medialized Dome/Anatomic Patellas		29	32	35	38	41
A	Peg Diameter	5.5					

	SIGMA® Oval Patellas			32	35	38	41
B	Peg Diameter	5.1					

	SIGMA® Round Patellas			32	35	38	41
C	Peg Diameter	9.1					

	SIGMA® Inset Patellas	25	28	32			
D	Peg Diameter	5.1					

	LCS COMPLETE™ All Poly/Metal Backed Patellas	Small	Small +	Medium	Standard	Standard +	Large	Large +
E	Peg Diameter	5.8						

All dimensions are mm, unless otherwise indicated

PATELLA COMPONENTS

FEATURES



ATTUNE® MEDIALIZED DOME PATELLA

SIGMA® OVAL PATELLA

LCS COMPLETE™ ALL POLY PATELLA



ATTUNE® MEDIALIZED ANATOMIC PATELLA

SIGMA® ROUND PATELLA

SIGMA® INSET PATELLA



LCS COMPLETE™ METAL BACKED PATELLA

ATTUNE® Patellas	All Sizes
Cement Pocket Depth	1.0
Material	AOX™ Antioxidant Ultra High Molecular Weight Polyethylene

SIGMA® Patellas	All Sizes
Cement Pocket Depth	1.3
Materials	Ultra High Molecular Weight Polyethylene

LCS COMPLETE™ Patellas	All Sizes
Cement Pocket Depth	0.8
Materials	Ultra High Molecular Weight Polyethylene - Cobalt Chrome Alloy*

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

FEMORAL AUGMENTS



DePuy Synthes People inspired™
PART OF THE Johnson&Johnson FAMILY OF COMPANIES

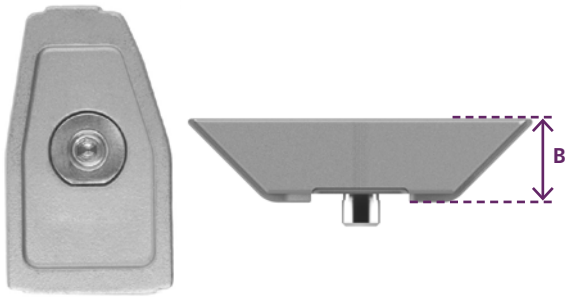
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DISTAL FEMORAL AUGMENTS

DIMENSIONS AND FEATURES



ATTUNE® REVISION DISTAL FEMORAL AUGMENT



SIGMA® DISTAL FEMORAL AUGMENT



LCS COMPLETE™ DISTAL FEMORAL AUGMENT

	ATTUNE® Revision Distal Femoral Augments	1	2	3	4	5	6	7	8	9	10
A	**Overall Thickness**	4.0, 8.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0
	Cement Pocket Depth	0.8									
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Grit Blast									

	SIGMA® Distal Femoral Augments		1.5	2	2.5	3	4		5		
B	**Overall Thickness**		4.0, 8.0, 12.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0	4.0, 8.0, 12.0, 16.0		4.0, 8.0, 12.0, 16.0		
	Cement Pocket Depth	0.8									
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Glass Bead Blast									

	LCS COMPLETE™ Distal Femoral Augments	Small		Small +	Medium	Standard	Standard +		Large		Large +
C	**Overall Thickness**	5.0, 10.0		5.0, 10.0	5.0, 10.0	5.0, 10.0	5.0, 10.0, 15.0		5.0, 10.0, 15.0		5.0, 10.0, 15.0
	Cement Pocket Depth	0.8									
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Grit Blast									

NOTE: The Distal Augments are size specific and can be used on both the medial and lateral sides of the Left or Right ATTUNE Revision Femoral Component for the given size.

*Conforms to ASTM F75

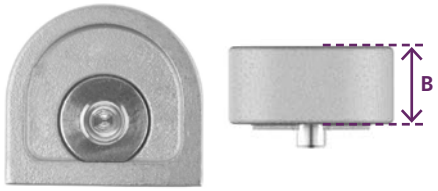
All dimensions are mm, unless otherwise indicated

POSTERIOR FEMORAL AUGMENTS

DIMENSIONS AND FEATURES



ATTUNE® REVISION POSTERIOR FEMORAL AUGMENT



SIGMA® POSTERIOR FEMORAL AUGMENT



LCS COMPLETE™ POSTERIOR FEMORAL AUGMENT

	ATTUNE® Revision Posterior Femoral Augments	1	2	3	4	5	6	7	8	9	10
A	**Overall Thickness**	4.0, 8.0	4.0, 8.0	4.0, 8.0	4.0, 8.0	4.0, 8.0	4.0, 8.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0	4.0, 8.0, 12.0
	Cement Pocket Depth	0.8									
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Grit Blast									

	SIGMA® Posterior Femoral Augments		1.5	2	2.5	3	4		5		
B	**Overall Thickness**		4.0	4.0, 8.0	4.0, 8.0	4.0, 8.0	4.0, 8.0		4.0, 8.0		
	Cement Pocket Depth	0.8									
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Glass Bead Blast									

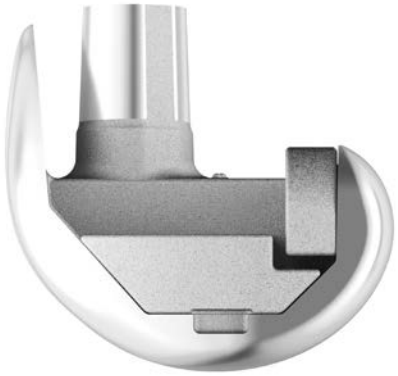
	LCS COMPLETE™ Posterior Femoral Augments	Small		Small +	Medium	Standard	Standard +		Large		Large +
C	**Overall Thickness**	5.0, 10.0		5.0, 10.0	5.0, 10.0	5.0, 10.0	5.0, 10.0		5.0, 10.0		5.0, 10.0
	Cement Pocket Depth	No Cement Pocket		0.8	0.8	0.8	0.8		0.8		0.8
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast and Machined									
	Surface Finish	Grit Blast									

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

FEMORAL AUGMENTS

SIZING



Size		FEMORAL AUGMENT THICKNESS[1] (mm)			
		4	8	12	16
1	Distal	X	X		
	Posterior	X	X		
2	Distal	X	X	X	
	Posterior	X	X		
3	Distal	X	X	X	
	Posterior	X	X		
4	Distal	X	X	X	
	Posterior	X	X		
5	Distal	X	X	X	
	Posterior	X	X		
6	Distal	X	X	X	X
	Posterior	X	X		
7	Distal	X	X	X	X
	Posterior	X	X	X	
8	Distal	X	X	X	X
	Posterior	X	X	X	
9	Distal	X	X	X	X
	Posterior	X	X	X	
10	Distal	X	X	X	X
	Posterior	X	X	X	

X Augment Sizes Available

Distal Augments with a cut-out to Accommodate a Posterior Augment

All dimensions are mm, unless otherwise indicated

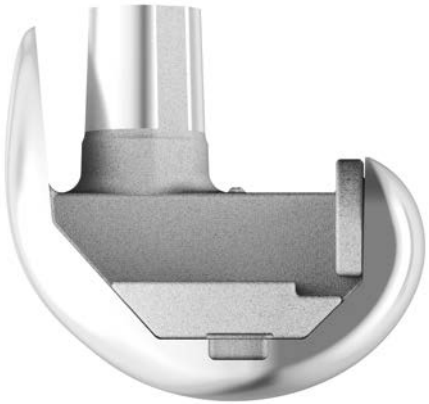
FEMORAL AUGMENTS

SIZING

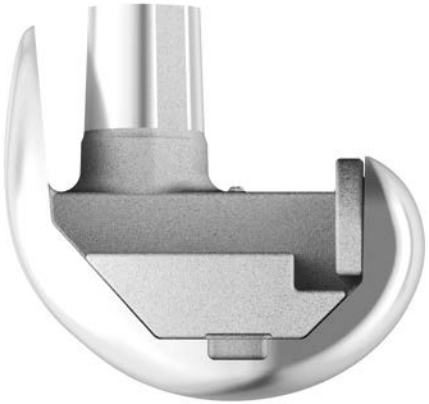
ATTUNE® REVISION FEMORAL AUGMENTS CAN BE ASSEMBLED TO THE ATTUNE® REVISION FEMORAL COMPONENTS IN MULTIPLE THICKNESS COMBINATIONS



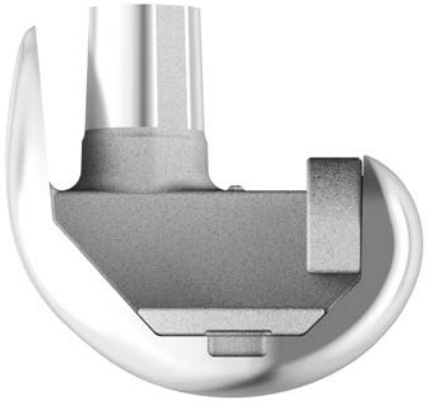
4 MM DISTAL FEMORAL AUGMENT
4 MM POSTERIOR FEMORAL AUGMENT



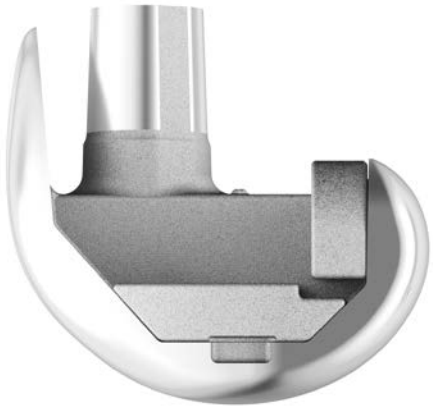
8 MM DISTAL FEMORAL AUGMENT
4 MM POSTERIOR FEMORAL AUGMENT



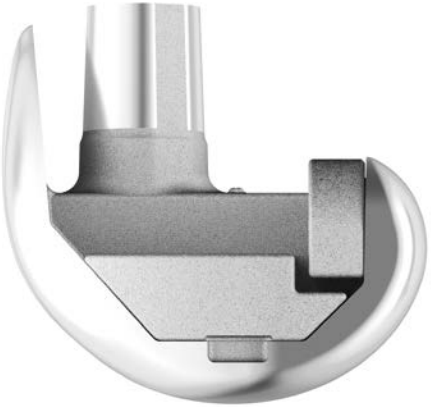
12 MM DISTAL FEMORAL AUGMENT
4 MM POSTERIOR FEMORAL AUGMENT



4 MM DISTAL FEMORAL AUGMENT
8 MM POSTERIOR FEMORAL AUGMENT



8 MM DISTAL FEMORAL AUGMENT
8 MM POSTERIOR FEMORAL AUGMENT



12 MM DISTAL FEMORAL AUGMENT
8 MM POSTERIOR FEMORAL AUGMENT

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

TIBIAL AUGMENTS

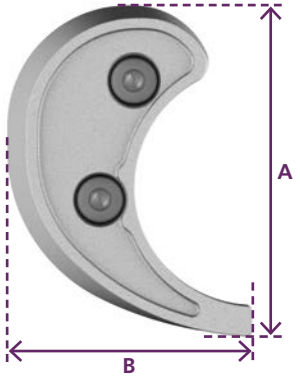


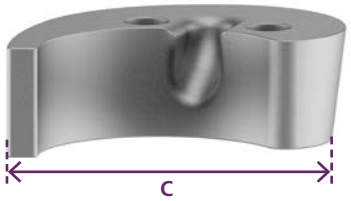
DePuy Synthes *People inspired*™
PART OF THE Johnson&Johnson FAMILY OF COMPANIES

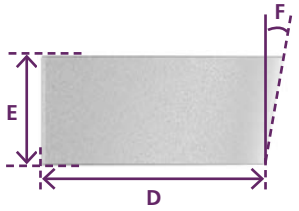
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TIBIAL AUGMENTS

DIMENSIONS







ATTUNE® REVISION TIBIAL AUGMENT

		Sizes 1/2			Sizes 3/4			Sizes 5/6		
	ATTUNE® Revision Tibial Augments	**5**	**10**	**15**	**5**	**10**	**15**	**5**	**10**	**15**
A	**A/P Dimension Proximal**	38.0	38.0	38.0	41.8	41.8	41.8	45.6	45.6	45.6
B	**M/L Dimension Proximal**	28.0	28.0	28.0	31.0	31.0	31.0	33.8	33.8	33.8
C	**A/P Dimension Distal**	38.0	36.7	36.1	41.8	40.5	39.9	45.6	44.3	43.7
D	**M/L Dimension Distal**	28.0	26.1	25.1	31.0	29.1	28.1	33.8	32.0	31.1
E	**Thickness**	5.0	10.0	15.0	5.0	10.0	15.0	5.0	10.0	15.0
F	**Angle of Taper on Medial (Or Lateral) Side**	0.0°	11.3°	11.3°	0.0°	11.3°	11.3°	0.0°	10.4°	10.4°
	Cement Pocket Depth	0.8								
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Machined								
	Surface Finish	Grit Blast								

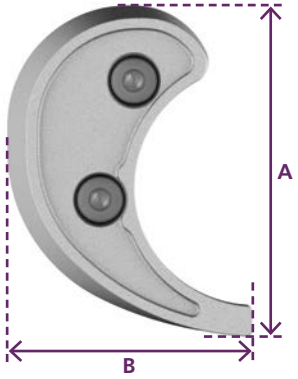
NOTE:
- All 5 mm Tibial Augments are universal (can be used both medial/lateral and left/right)
- All 10 and 15 mm Tibial Augments are medial/lateral and left/right specific
- Sizes 1 and 2 are only compatible with ATTUNE Revision Tibial Base sizes 1 (FB) and 2 (FB and RP)

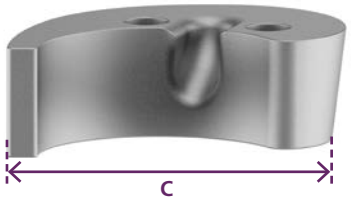
*Conforms to ASTM F75

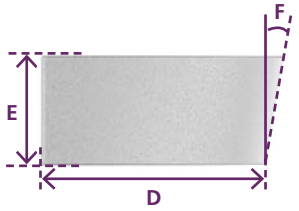
All dimensions are mm, unless otherwise indicated

TIBIAL AUGMENTS

DIMENSIONS







ATTUNE® REVISION TIBIAL AUGMENT

		Sizes 7/8			Sizes 9/10		
	ATTUNE® Revision Tibial Augments	**5**	**10**	**15**	**5**	**10**	**15**
A	**A/P Dimension Proximal**	49.4	49.4	49.4	53.2	53.2	53.2
B	**M/L Dimension Proximal**	37.0	37.0	37.0	40.0	40.0	40.0
C	**A/P Dimension Distal**	49.4	48.1	47.5	53.2	51.9	51.3
D	**M/L Dimension Distal**	37.0	35.1	34.1	40.0	38.1	37.1
E	**Thickness**	5.0	10.0	15.0	5.0	10.0	15.0
F	**Angle of Taper on Medial (Or Lateral) Side**	0.0°	11.3°	11.3°	0.0°	11.3°	11.3°
	Cement Pocket Depth	0.8					
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Machined					
	Surface Finish	Grit Blast					

NOTE:
- All 5 mm Tibial Augments are universal (can be used both medial/lateral and left/right)
- All 10 and 15 mm Tibial Augments are medial/lateral and left/right specific
- Sizes 1 and 2 are only compatible with ATTUNE Revision Tibial Base sizes 1 (FB) and 2 (FB and RP)

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

TIBIAL AUGMENTS

SIZING

	ATTUNE® REVISION FB TIBIAL BASE[1]									
ATTUNE® REVISION TIBIAL AUGMENTS	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
1/2	X	X								
3/4			X	X	X	X	X	X	X	X
5/6					X	X	X	X	X	X
7/8							X	X	X	X
9/10									X	X

	ATTUNE® REVISION RP TIBIAL BASE[1]								
ATTUNE® REVISION TIBIAL AUGMENTS	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
1/2	X								
3/4		X	X	X	X	X	X	X	X
5/6				X	X	X	X	X	X
7/8						X	X	X	X
9/10								X	X

X = Augment Sizes Available

ATTUNE® REVISION TIBIAL AUGMENT FIXATION HOLES ARE CONSISTENTLY PLACED ON ATTUNE® REVISION FB TIBIAL BASE SIZES 3–10

SIZE 10 TIBIAL BASE



SIZE 3/4 TIBIAL AUGMENTS
5 MM THICKNESS

SIZE 10 TIBIAL BASE



SIZE 5/6 TIBIAL AUGMENTS
5 MM THICKNESS

SIZE 10 TIBIAL BASE



SIZE 7/8 TIBIAL AUGMENTS
5 MM THICKNESS

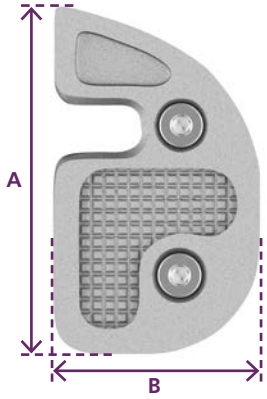
SIZE 10 TIBIAL BASE



SIZE 9/10 TIBIAL AUGMENTS
5 MM THICKNESS

TIBIAL AUGMENTS

DIMENSIONS







P.F.C.™ SIGMA® TIBIAL AUGMENT

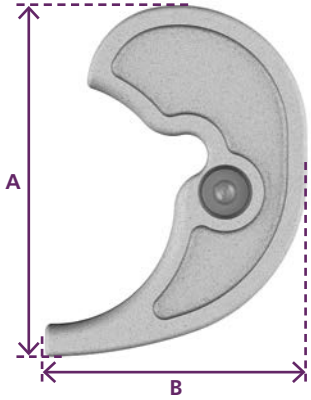
		Size 1.5		Size 2		Size 2.5		Size 3		Size 4		Size 5	
	PFC™ SIGMA® Revision Tibial Wedges	**10**	**15**	**10**	**15**	**10**	**15**	**10**	**15**	**10**	**15**	**10**	**15**
A	**A/P Dimension Proximal**	39.5	39.5	42.3	42.3	43.9	43.9	46.2	46.2	50.0	50.0	54.6	54.6
B	**M/L Dimension Proximal**	21.9	21.9	23.5	23.5	25.0	25.0	27.3	27.3	29.8	29.8	33.2	33.2
C	**Thickness**	10.0	15.0	10.0	15.0	10.0	15.0	10.0	15.0	10.0	15.0	10.0	15.0
D	**Angle of Taper on Medial (Or Lateral) Side**	0.0°											
	Cement Pocket Depth	0.8											
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Cast											
	Surface Finish	Glass Bead Blast											

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

TIBIAL AUGMENTS

DIMENSIONS







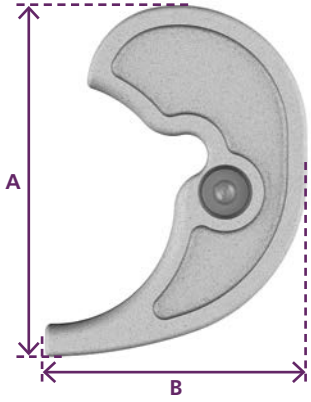
M.B.T. REVISION STEP WEDGES

		Size 1			Size 1.5			Size 2			Size 2.5			Size 3		
	M.B.T. Revision Step Wedges	**5**	**10**	**15**	**5**	**10**	**15**	**5**	**10**	**15**	**5**	**10**	**15**	**5**	**10**	**15**
A	**A/P Dimension Proximal**	39.0	39.0	39.0	40.7	40.7	40.7	42.6	42.6	42.6	44.2	44.2	44.2	45.8	45.8	45.8
B	**M/L Dimension Distal**	29.0	29.0	29.0	30.4	30.4	30.4	31.8	31.8	31.8	33.0	33.0	33.0	34.3	34.3	34.3
C	**Thickness**	5.0	10.0	15.0	5.0	10.0	15.0	5.0	10.0	15.0	5.0	10.0	15.0	5.0	10.0	15.0
D	**Angle of Taper on Medial (Or Lateral) Side**	0.0°														
	Cement Pocket Depth	0.9														
	Material & Manufacturing Process	Cobalt Chrome Alloy* - Cast														
	Surface Finish	Grit Blast														

*Conforms to ASTM F75

TIBIAL AUGMENTS

DIMENSIONS







M.B.T. REVISION STEP WEDGES

		Size 4			Size 5			Size 6		
	M.B.T. Revision Step Wedges	**5**	**10**	**15**	**5**	**10**	**15**	**5**	**10**	**15**
A	**A/P Dimension Proximal**	49.3	49.3	49.3	53.1	53.1	53.1	57.2	57.2	57.2
B	**M/L Dimension Distal**	36.9	36.9	36.9	39.8	39.8	39.8	42.9	42.9	42.9
C	**Thickness**	5.0	10.0	15.0	5.0	10.0	15.0	5.0	10.0	15.0
D	**Angle of Taper on Medial (Or Lateral) Side**	0.0°								
	Cement Pocket Depth	0.9								
	Material & Manufacturing Process	Cobalt Chrome Alloy* - Cast								
	Surface Finish	Grit Blast								

*Conforms to ASTM F75

Attune®
Knee System
Revision Solutions

CEMENTED STEMS

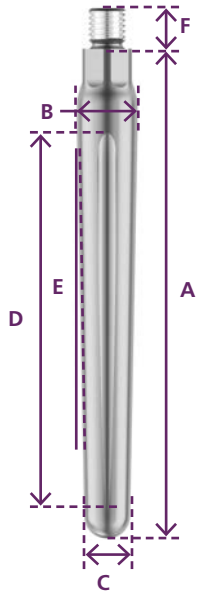


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PART OF THE Johnson&Johnson FAMILY OF COMPANIES

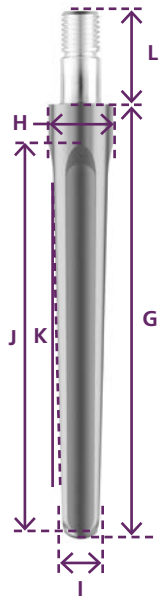
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CEMENTED STEMS

DIMENSIONS



ATTUNE® REVISION CEMENTED STEM



SIGMA® REVISION CEMENTED STEM

	ATTUNE® Revision Cemented Stems	14 x 30	14 x 50	14 x 80	14 x 130				16 x 80	16 x 130
A	Stem Length	30.0	50.0	80.0	130.0				80.0	130.0
B	Proximal Diameter	14.0	14.0	14.0	14.0				16.0	16.0
C	Distal Diameter	14.0	14.0	10.0	10.0				12.0	12.0
D	Cement Groove Length	11.2	31.2	59.2	109.2				51.6	101.6
E	Taper Angle	0.0°	0.0°	2.1°	1.1°				2.1°	1.1°
F	Threaded Connection Length	10.8								
	Material and Manufacturing Process	Titanium Alloy* – Machined								
	Surface Finish	Glass Bead Blast								

	SIGMA® Revision Cemented Stems	13 x 30	13 x 60	13 x 90	13 x 120	13 x 150	15 x 30	15 x 60	15 x 90	
G	Stem Length	30.0	60.0	90.0	120.0	150.0	30.0	60.0	90.0	
H	Proximal Diameter	13.0	13.0	13.0	13.0	13.0	15.0	15.0	15.0	
I	Distal Diameter	13.0	13.0	9.2	9.2	9.2	15.0	15.0	10.7	
J	Cement Groove Length	24.4	54.9	80.2	110.3	140.4	23.8	54.3	79.7	
K	Taper Angle	0.0°	0.0°	1.4°	1.0°	0.8°	0.0°	0.0°	1.4°	
L	Threaded Connection Length	19.5								
	Material and Manufacturing Process	Titanium Alloy* – Machined								
	Surface Finish	Glass Bead Blast								

*Conforms to ASTM F136

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

PRESS-FIT STEMS

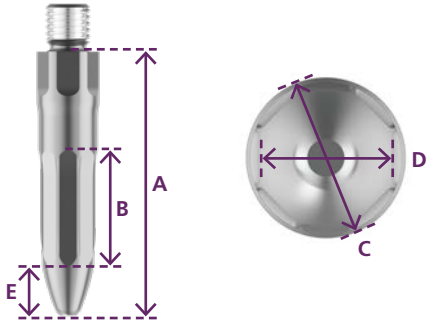


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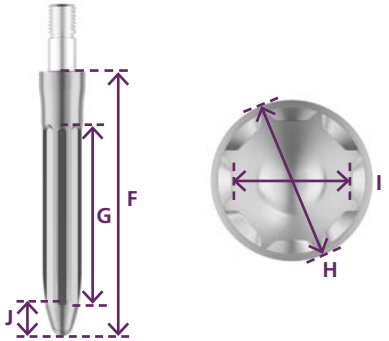
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PRESS-FIT STEMS

DIMENSIONS



ATTUNE® REVISION PRESS-FIT STEM



UNIVERSAL PRESS-FIT STEM

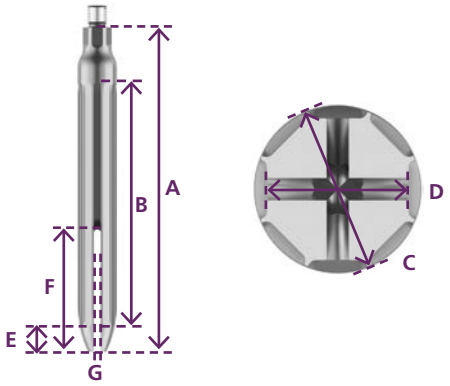
	ATTUNE® Revision Press-Fit Stems	10 x 60	12 x 60	14 x 60	16 x 60	18 x 60	20 x 60	22 x 60	24 x 60
A	Stem Length	60.0							
	Number of Flutes	8	8	10	10	12	12	14	16
B	Flute Length	25.4	26.3	24.7	19.9	19.5	17.9	18.3	17.0
C	Over Flute Diameter (Major)	11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25
D	Inner Flute Diameter (Minor)	9.6	11.6	13.2	15.2	17.5	19.0	20.2	22.6
E	Bullet Tip (Length)	17.8	20.5	22.8	24.8	20.2	21.3	20.0	19.1
	Number of Slots	N/A							
	Slot Length	N/A							
	Slot Width	N/A							

	Universal Press-Fit Stems	10 x 75	12 x 75	14 x 75	16 x 75	18 x 75	20 x 75	22 x 75	24 x 75
F	Stem Length	75.0							
	Number of Flutes	8							
G	Flute Length	54.9	52.6	50.3	49.0	47.9	46.8	46.0	45.3
H	Over Flute Diameter (Major)	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0
I	Inner Flute Diameter (Minor)	7.8	9.7	11.6	13.4	15.2	17.1	18.9	20.8
J	Bullet Tip (Length)	16.3	19.3	18.9	20.6	21.8	22.6	23.9	25.1
	Number of Slots	N/A	N/A	4	4	4	4	4	4
	Slot Length	N/A	N/A	22.9	29.9	33.2	36.9	38.8	38.5
	Slot Width	N/A	N/A	2.3	3.1	3.9	4.7	5.1	5.4

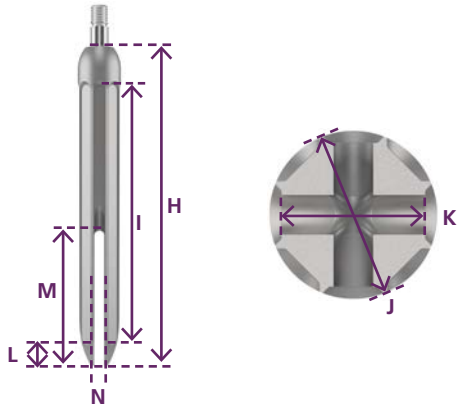
All dimensions are mm, unless otherwise indicated

PRESS-FIT STEMS

DIMENSIONS



ATTUNE® REVISION PRESS-FIT STEM



UNIVERSAL PRESS-FIT STEM

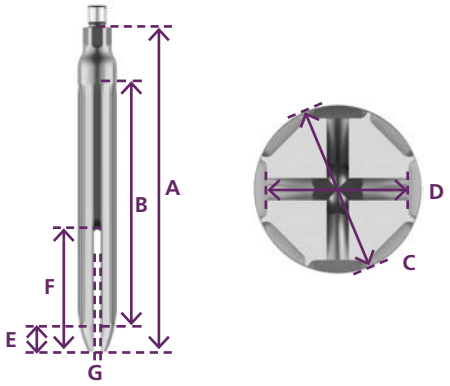
	ATTUNE® Revision Press-Fit Stems	10 x 110	12 x 110	14 x 110	16 x 110	18 x 110	20 x 110	22 x 110	24 x 110
A	Stem Length	110.0							
	Number of Flutes	8	8	10	10	12	12	14	16
B	Flute Length	78.3	79.9	78.6	74.3	69.9	68.1	67.0	63.7
C	Over Flute Diameter (Major)	11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25
D	Inner Flute Diameter (Minor)	9.6	11.6	13.2	15.2	17.5	19.0	20.2	22.6
E	Bullet Tip (Length)	14.9	16.9	18.9	20.4	21.9	23.5	25.0	26.4
	Number of Slots	4							
F	Slot Length	33.0	42.0	48.8	54.0	60.5	66.5	70.1	76.0
G	Slot Width	1.5	2.0	2.4	2.9	3.3	3.7	3.9	4.2

	Universal Press-Fit Stems	10 x 115	12 x 115	14 x 115	16 x 115	18 x 115	20 x 115	22 x 115	24 x 115
H	Stem Length	115.0							
	Number of Flutes	8							
I	Flute Length	93.0	90.7	88.4	87.1	86.0	84.9	84.1	83.4
J	Over Flute Diameter (Major)	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0
K	Inner Flute Diameter (Minor)	7.8	9.7	11.6	13.4	15.2	17.1	18.9	20.8
L	Bullet Tip (Length)	16.3	19.3	18.9	20.6	21.8	22.6	23.9	25.1
	Number of Slots	N/A	N/A	4	4	4	4	4	4
M	Slot Length	N/A	N/A	41.5	52.5	58.3	64.0	67.1	66.9
N	Slot Width	N/A	N/A	2.3	3.1	3.9	4.7	5.1	5.4

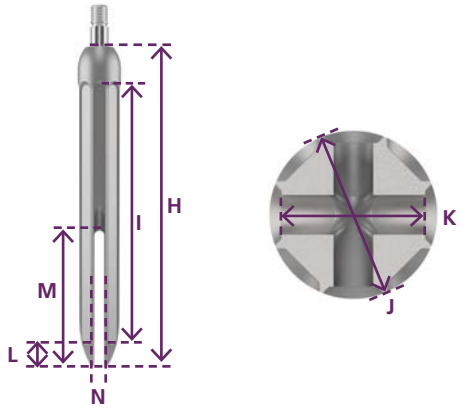
All dimensions are mm, unless otherwise indicated

PRESS-FIT STEMS

DIMENSIONS



ATTUNE® REVISION PRESS-FIT STEM



UNIVERSAL PRESS-FIT STEM

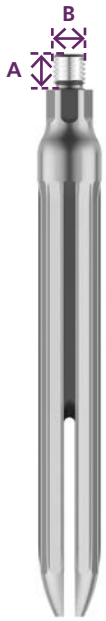
	ATTUNE® Revision Press-Fit Stems	10 x 160	12 x 160	14 x 160	16 x 160	18 x 160	20 x 160	22 x 160	24 x 160
A	Stem Length	160.0							
	Number of Flutes	8	8	10	10	12	12	14	16
B	Flute Length	128.3	129.9	128.6	124.3	119.9	118.1	117.0	113.7
C	Over Flute Diameter (Major)	11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25
D	Inner Flute Diameter (Minor)	9.6	11.6	13.2	15.2	17.5	19.0	20.2	22.6
E	Bullet Tip (Length)	14.9	16.9	18.9	20.4	21.9	23.5	25.0	26.4
	Number of Slots	4							
F	Slot Length	33.0	42.0	48.8	54.0	60.5	66.5	70.1	76.0
G	Slot Width	1.5	2.0	2.4	2.9	3.3	3.7	3.9	4.2

	Universal Press-Fit Stems	10 x 150	12 x 150	14 x 150	16 x 150	18 x 150	20 x 150	22 x 150	24 x 150
H	Stem Length	150.0							
	Number of Flutes	8							
I	Flute Length	131.1	128.8	126.5	125.2	124.1	123.0	122.2	121.5
J	Over Flute Diameter (Major)	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0
K	Inner Flute Diameter (Minor)	7.8	9.7	11.6	13.4	15.2	17.1	18.9	20.8
L	Bullet Tip (Length)	16.3	19.3	18.9	20.6	21.8	22.6	23.9	25.1
	Number of Slots	N/A	N/A	4	4	4	4	4	4
M	Slot Length	N/A	N/A	41.5	52.5	58.3	64.0	67.1	66.9
N	Slot Width	N/A	N/A	2.3	3.1	3.9	4.7	5.1	5.4

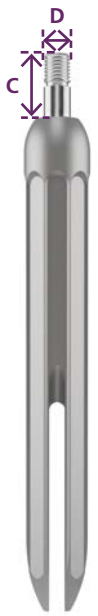
All dimensions are mm, unless otherwise indicated

PRESS-FIT STEMS

FEATURES



ATTUNE® REVISION PRESS-FIT STEM



UNIVERSAL PRESS-FIT STEM

	ATTUNE® Press-Fit Stems	All Sizes
A	Threaded Connection Length	10.8
B	Threaded Connection Diameter	9.8
	Diametric Press-Fit	1.25
	Material and Manufacturing Process	Titanium Alloy* – Machined
	Surface Finish	Glass Bead Blast

	Universal Press-Fit Stems	All Sizes
C	Threaded Connection Length	19.5
D	Threaded Connection Diameter	8.2
	Diametric Press-Fit	0.40
	Material and Manufacturing Process	Titanium Alloy* – Machined
	Surface Finish	Glass Bead Blast

*Conforms to ASTM F136

Attune®
Knee System
Revision Solutions

OFFSET STEM ADAPTORS

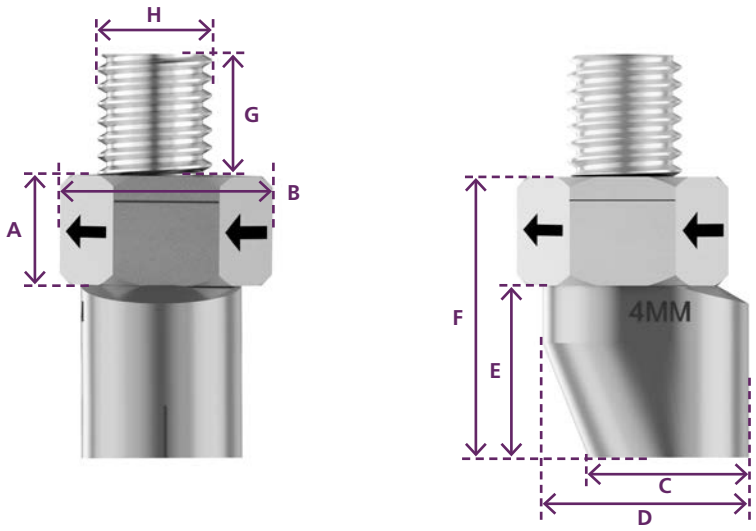


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OFFSET STEM ADAPTORS

DIMENSIONS



ATTUNE® REVISION OFFSET STEM ADAPTOR

	ATTUNE® Revision Offset Stem Adaptor	2 mm	4 mm	6 mm
A	Locking Nut Height	9.5	9.5	9.5
B	Locking Nut Width (Distance Across Flats)	16.0	16.0	16.0
C	Offset Body Width (Minimum)	14.0	14.0	14.0
D	Offset Body Width (Maximum)	16.0	18.0	20.0
E	Offset Body Height (Without Locking Nut)	16.0	16.0	16.0
F	Offset Height (With Locking Nut)	25.0		
G	Threaded Connection Length	10.8		
H	Threaded Connection Diameter	9.8		
	Orientation	360.0° of offset positioning		
	Compatibility	Compatible with ATTUNE Revision Femoral Components, ATTUNE Revision FB Tibial Bases, and ATTUNE Revision Press-Fit Stems		
	Material and Manufacturing Process	Cobalt Chrome Alloy* – Machined		
	Surface Finish	Glass Bead Blast		

*Conforms to ASTM F75

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

TIBIAL SLEEVES

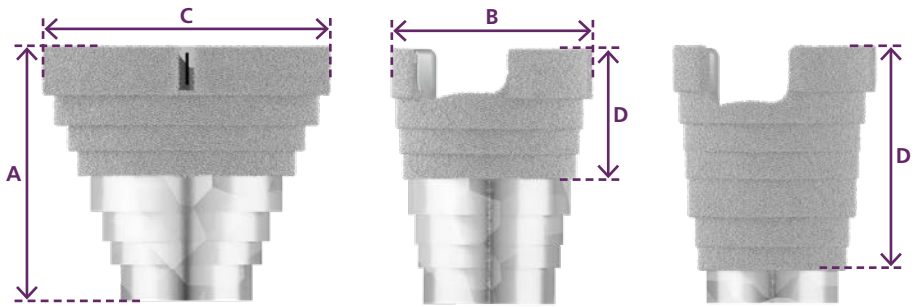


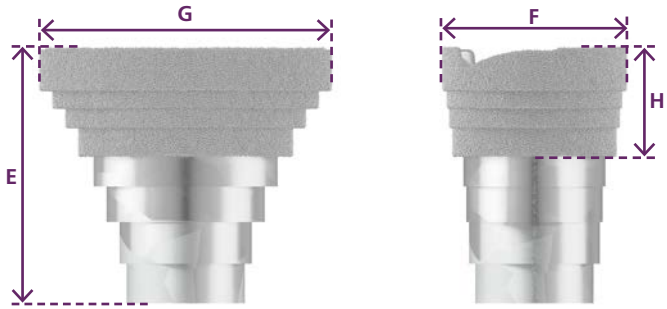
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TIBIAL SLEEVES

DIMENSIONS





ATTUNE® REVISION TIBIAL SLEEVES

M.B.T. REVISION TIBIAL SLEEVES

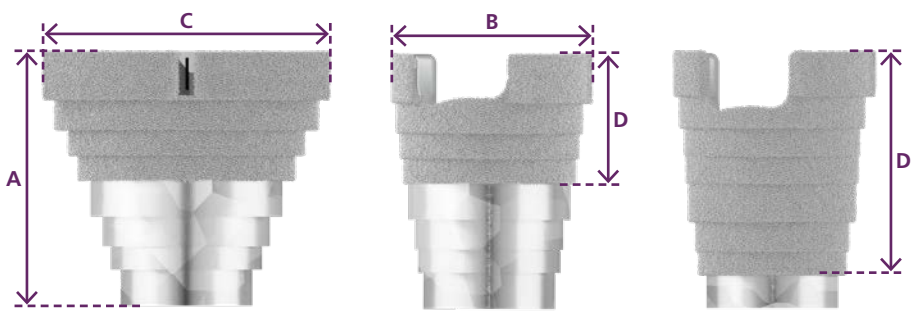
	ATTUNE® Revision Tibial Sleeves	29 Cemented	29 Partially Coated	29 Fully Coated	37 Partially Coated	37 Fully Coated	45 Partially Coated	45 Fully Coated
A	Length				40.0			
B	A/P Proximal Dimension	28.3	29.8	29.9	32.3	32.3	32.3	32.3
C	M/L Proximal Dimension	29.0	30.5	30.5	39.4	39.4	46.7	46.7
D	Porous Coating Length	N/A	19.2	29.7	19.2	30.7	19.2	30.7

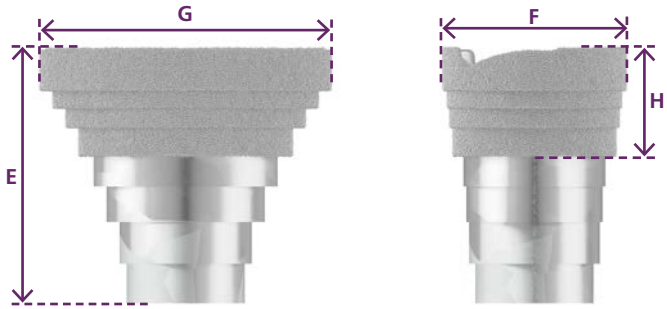
	M.B.T. Revision Tibial Sleeves	29 Cemented	29 Porous Coated		37 Porous Coated		45 Porous Coated	
E	Length				40.0			
F	A/P Proximal Dimension	26.1	27.6		28.3		29.7	
G	M/L Proximal Dimension	29.4	30.9		39.4		46.7	
H	Porous Coating Length	N/A	15.2		16.5		16.5	

All dimensions are mm, unless otherwise indicated

TIBIAL SLEEVES

DIMENSIONS





ATTUNE® REVISION TIBIAL SLEEVES

M.B.T. REVISION TIBIAL SLEEVES

	ATTUNE® Revision Tibial Sleeves	53 Partially Coated	53 Fully Coated	61 Partially Coated	61 Fully Coated	69 Partially Coated	69 Fully Coated
A	Length	40					
B	A/P Proximal Dimension	35.0	35.0	37.9	37.9	40.7	40.7
C	M/L Proximal Dimension	54.9	54.8	63.0	63.0	71.0	71.0
D	Porous Coating Length	19.24	31.7	19.2	32.7	19.2	32.7

	M.B.T. Revision Tibial Sleeves	53 Porous Coated		61 Porous Coated			
E	Length	40.0					
F	A/P Proximal Dimension	32.5		35.3			
G	M/L Proximal Dimension	54.8		61.4			
H	Porous Coating Length	14.5		16.5			

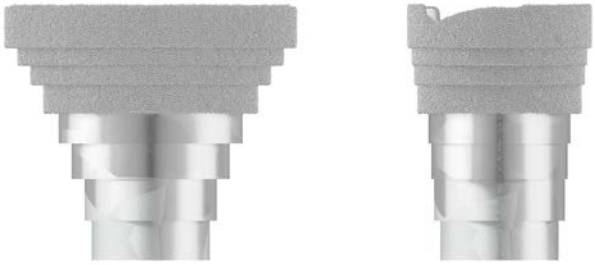
All dimensions are mm, unless otherwise indicated

TIBIAL SLEEVES

FEATURES



ATTUNE® REVISION TIBIAL SLEEVES



M.B.T. REVISION TIBIAL SLEEVES

ATTUNE® Revision Tibial Sleeves	29 Cemented	29	37	45	53	61	69
Press-Fit to Broach	N/A	.75 Per Side					
Sleeve Rotation	(+/-) 20.0˚	(+/-) 20.0˚					
Substrate Material	Titanium Alloy*	Titanium Alloy*					
Surface Finish	Glass Bead Blast	Titanium Alloy* POROCOAT™ Porous Coating					

M.B.T. Revision Tibial Sleeves	29 Cemented	29	37	45	53	61	
Press-Fit to Broach	N/A	.75 Per Side					
Sleeve Rotation	(+/-) 20.0˚	(+/-) 20.0˚					
Substrate Material	Titanium Alloy*	Titanium Alloy*					
Surface Finish	Glass Bead Blast	Titanium Alloy* POROCOAT Porous Coating					

*Conforms to ASTM F136

All dimensions are mm, unless otherwise indicated

Attune®
Knee System
Revision Solutions

FEMORAL SLEEVES

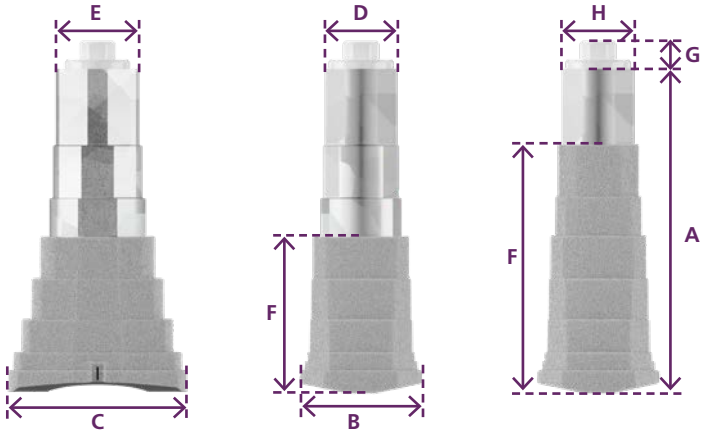


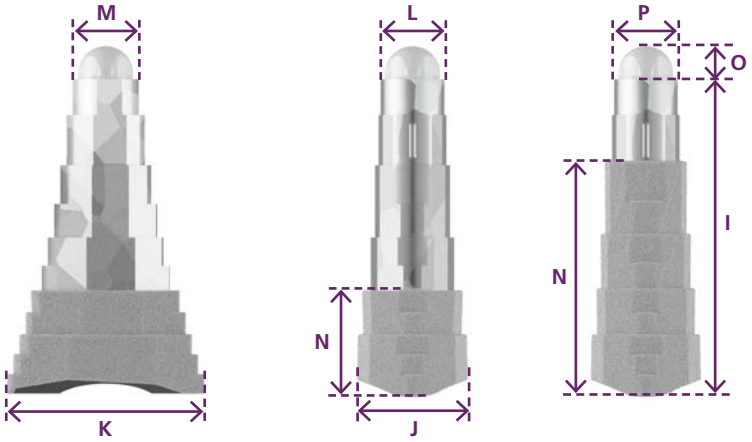
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FEMORAL SLEEVES

DIMENSIONS





ATTUNE® REVISION FEMORAL SLEEVES

UNIVERSAL FEMORAL SLEEVES

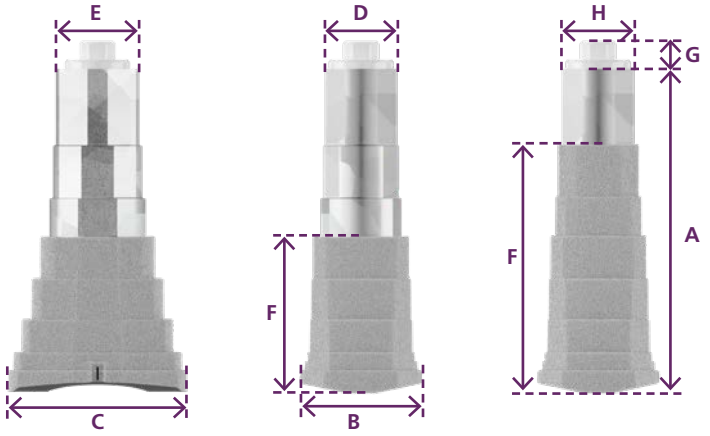
	ATTUNE® Revision Femoral Sleeves	30 Cemented	30 Partially Coated	30 Fully Coated	35 Partially Coated	35 Fully Coated	40 Partially Coated	40 Fully Coated
A	Length	64.0	64.0	64.0	68.0	68.0	72.0	72.0
B	A/P Distal Dimension	23.0	24.6	24.6	25.6	25.6	27.6	27.6
C	M/L Distal Dimension	28.5	30.0	30.0	35.0	35.0	40.0	40.0
D	A/P Proximal Dimension	16.0						
E	M/L Proximal Dimension	18.5						
F	Porous Coating Length	N/A	26.2	46.8	30.2	50.8	34.2	54.8
G	Polyethylene Plug Length	6.0						
H	Polyethylene Plug Diameter	14.0						

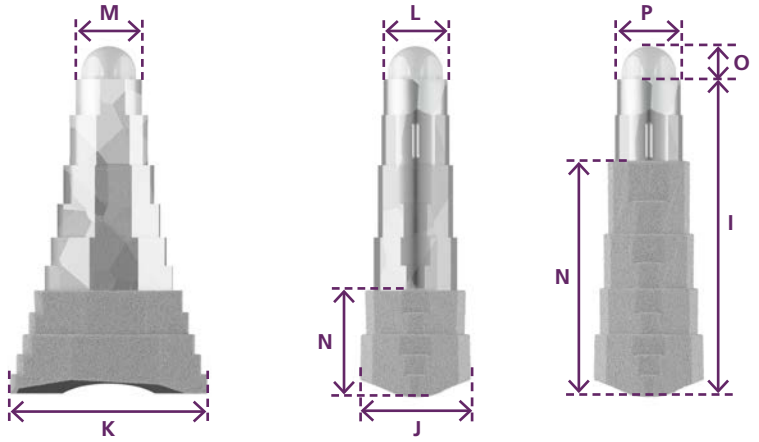
	Universal Femoral Sleeves	20 Cemented	31 Distally Porous	31 Fully Porous	34 Distally Porous	34 Fully Porous	40 Distally Porous	40 Fully Porous
I	Length	67.4	67.0	67.0	68.2	68.2	72.2	72.2
J	A/P Distal Dimension	22.4	20.1	22.2	22.1	21.4	24.6	23.0
K	M/L Distal Dimension	22.4	31.0	33.2	34.0	35.1	40.0	39.3
L	A/P Proximal Dimension	14.7	15.5	15.4	15.5	15.2	15.5	15.2
M	M/L Proximal Dimension	14.7	16.0	16.0	16.0	16.0	16.0	16.0
N	Porous Coating Length	N/A	22.9	46.7	21.8	50.0	30.0	54.1
O	Polyethylene Plug Length	8.0						
P	Polyethylene Plug Diameter	13.2						

All dimensions are mm, unless otherwise indicated

FEMORAL SLEEVES

DIMENSIONS





ATTUNE® REVISION FEMORAL SLEEVES

UNIVERSAL FEMORAL SLEEVES

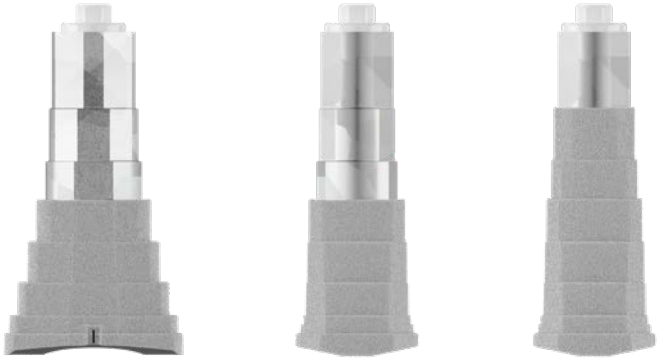
	ATTUNE® Revision Femoral Sleeves	45 Partially Coated	45 Fully Coated	50 Partially Coated	50 Fully Coated	55 Partially Coated	55 Fully Coated
A	Length	76.0	76.0	80.0	80.0	84.0	84.0
B	A/P Distal Dimension	27.6	27.6	29.6	29.6	29.6	29.6
C	M/L Distal Dimension	45.0	45.0	50.0	50.0	55.0	55.0
D	A/P Proximal Dimension	16.0					
E	M/L Proximal Dimension	18.5					
F	Porous Coating Length	38.2	58.8	42.2	62.8	46.2	66.8
G	Polyethylene Plug Length	6.0					
H	Polyethylene Plug Diameter	14.0					

	Universal Femoral Sleeves	46 Distally Porous	46 Fully Porous				
I	Length	76.2	76.2				
J	A/P Distal Dimension	24.6	23.8				
K	M/L Distal Dimension	46.0	45.3				
L	A/P Proximal Dimension	15.5	15.2				
M	M/L Proximal Dimension	16.0	16.0				
N	Porous Coating Length	24.6	60.7				
O	Polyethylene Plug Length	6.0	6.0				
P	Polyethylene Plug Diameter	14.0	14.0				

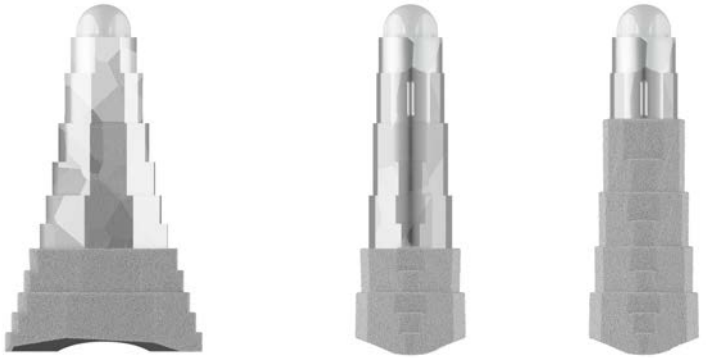
All dimensions are mm, unless otherwise indicated

FEMORAL SLEEVES

FEATURES



ATTUNE® REVISION FEMORAL SLEEVES



UNIVERSAL FEMORAL SLEEVES

ATTUNE® Revision Femoral Sleeves	30 Cemented	30	35	40	45	50	55
Press-Fit to Broach	N/A	.76 Per Side					
Substrate Material	Titanium Alloy*	Titanium Alloy*					
Surface Finish	Glass Bead Blast	Titanium Alloy* POROCOAT Porous Coating					

Universal Femoral Sleeves	20 Cemented	31	34	40	46		
Press-Fit to Broach	N/A	.76 Per Side					
Substrate Material	Titanium Alloy*	Titanium Alloy*					
Surface Finish	Glass Bead Blast	Titanium Alloy* POROCOAT Porous Coating					

*Conforms to ASTM F136

All dimensions are mm, unless otherwise indicated

SIZING

ATTUNE® REVISION FEMORAL SLEEVES AND ATTUNE® REVISION FEMORAL COMPONENT COMPATIBILITY*

	ATTUNE® Revision Femoral Sleeve Size (mm)[1]					
ATTUNE® Revision Femoral Component Size	**30**	**35**	**40**	**45**	**50**	**55**
1	X	X				
2	X	X				
3	X	X				
4	X	X	X	X		
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X

X Femoral Sleeve Sizes Available

Rotation between the ATTUNE Revision Femoral Sleeve and ATTUNE Revision Femoral Component is limited to less than 10° of rotational freedom before interference occurs

*Clearance between the ATTUNE Revision Femoral Component and ATTUNE Revision Femoral Sleeve was assessed at nominal conditions

FEMORAL SLEEVES

FEATURES



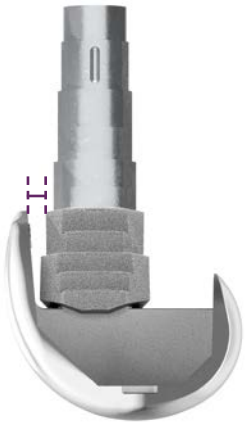
ATTUNE® REVISION FEMORAL COMPONENT WITH ATTUNE® REVISION FEMORAL SLEEVE
CLEARANCE BETWEEN FEMORAL ANTERIOR FLANGE AND POROCOAT™ POROUS COATING ON ANTERIOR SURFACE OF FEMORAL SLEEVE

	SLEEVE SIZE						
Femoral Component Size	**Cemented**	**30 mm**	**35 mm**	**40 mm**	**45 mm**	**50 mm**	**55 mm**
1	0.7	0.7	0.1	X	X	X	X
2	0.7	0.7	0.1	X	X	X	X
3	0.7	0.7	0.1	X	X	X	X
4	1.9	1.9	1.3	0.3	0.5	X	X
5	2.7	2.7	2.1	1.1	1.3	0.1	0.3
6	3.5	3.5	2.9	1.9	2.1	0.9	1.1
7	4.3	4.3	3.7	2.7	2.9	1.7	1.9
8	5.5	5.5	4.9	3.9	4.0	2.9	3.1
9	6.3	6.3	5.7	4.7	4.9	3.7	3.9
10	7.2	7.1	6.5	5.5	5.7	4.6	4.7

All dimensions are mm, unless otherwise indicated

FEMORAL SLEEVES

FEATURES



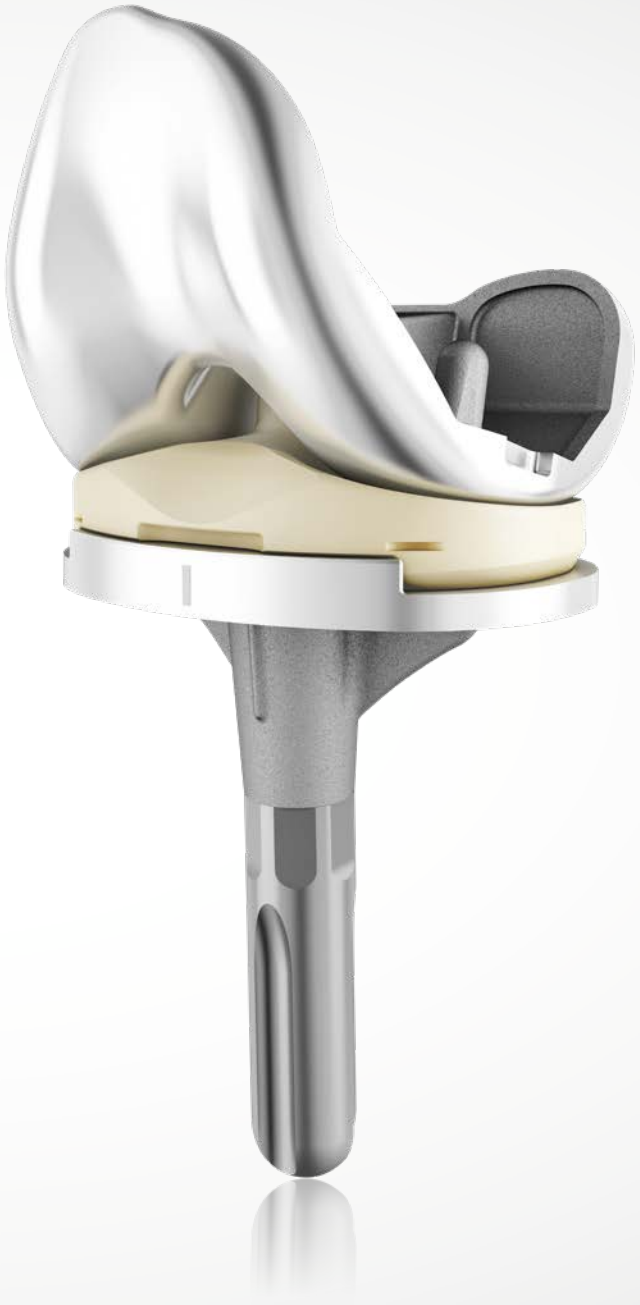
SIGMA® TC3 FEMORAL COMPONENT WITH UNIVERSAL FEMORAL SLEEVE
CLEARANCE BETWEEN FEMORAL ANTERIOR FLANGE AND POROCOAT POROUS COATING ON ANTERIOR SURFACE OF FEMORAL SLEEVE

	SLEEVE SIZE				
Femoral Size and A/P Position	**20 mm**	**31 mm**	**34 mm**	**40 mm**	**46 mm**
1.5 Anterior	0.9	2.1	X	X	X
1.5 Neutral	2.7	4.5	3.4	2.4	2.6
1.5 Posterior	4.7	5.8	4.6	3.9	3.6
2 Anterior	1.8	2.7	2.1	1.2	X
2 Neutral	3.8	5.0	4.4	3.2	2.6
2 Posterior	5.8	7.0	5.9	5.6	4.8
2.5 Anterior	2.6	3.8	3.2	2.0	1.5
2.5 Neutral	4.6	5.8	5.2	3.9	3.6
2.5 Posterior	6.6	7.8	7.0	6.0	5.5
3 Anterior	3.2	4.6	3.6	2.7	2.4
3 Neutral	5.2	6.7	5.7	4.6	4.6
3 Posterior	7.2	8.6	7.6	6.5	6.4
4 Anterior	4.9	6.3	5.3	4.2	4.3
4 Neutral	6.9	8.3	7.3	6.1	6.2
4 Posterior	8.9	10.2	9.3	8.1	8.2
5 Anterior	6.4	7.8	6.8	5.6	5.7
5 Neutral	8.4	9.7	8.9	7.6	7.6
5 Posterior	10.4	11.8	10.8	9.6	9.6
6 Anterior	8.5	9.9	8.8	7.8	7.9
6 Neutral	10.5	11.9	10.9	9.9	9.9
6 Posterior	12.5	13.9	13.0	11.8	11.7

All dimensions are mm, unless otherwise indicated

Attune®
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IMPLANT COMPATIBILITY



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IMPLANT COMPATIBILITY

ATTUNE® INSERT TO FEMORAL COMPONENT AND TIBIAL BASE COMPATIBILITY[1]

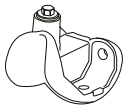
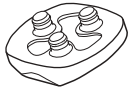
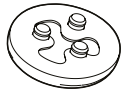
		ATTUNE® Revision Femoral Component	ATTUNE® Revision FB Tibial Base
Insert	ATTUNE® Primary CR FB Insert	No	Yes
	ATTUNE® Primary PS FB Insert	Yes	Yes
	ATTUNE® Revision FB Insert	Yes	Yes

The ATTUNE Primary PS Femoral Component is not compatible with the ATTUNE Revision Inserts.

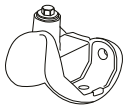
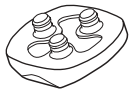
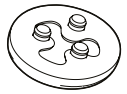
ATTUNE® PATELLA TO FEMORAL COMPONENT COMPATIBILITY[1]

		ATTUNE® Revision Femoral Component
Patella	ATTUNE® Medialized Dome	Yes
	ATTUNE® Medialized Anatomic	Yes

ATTUNE® REVISION FIXED BEARING KNEE SYSTEM COMPATIBILITY CHART[1]

Size SZ					
Pink	1	1	1 2 3	29	32 35 38 41
Dark Blue	2	2	1 2 3 4	29	32 35 38 41
Grey	3	3	1 2 3 4 5	29	32 35 38 41
Black	4	4	2 3 4 5 6		32 35 38 41
Green	5	5	3 4 5 6 7		32 35 38 41
Yellow	6	6	4 5 6 7 8		32 35 38 41
Light Blue	7	7	5 6 7 8 9		35 38 41
Red	8	8	6 7 8 9 10		35 38 41
Purple	9	9	7 8 9 10		38 41
Brown	10	10	8 9 10		38 41

ATTUNE® REVISION ROTATING PLATFORM KNEE SYSTEM COMPATIBILITY CHART[1]

Size SZ					
Grey	3	3	2 3 4 5	29	32 35 38 41
Black	4	4	2 3 4 5 6		32 35 38 41
Green	5	5	3 4 5 6 7		32 35 38 41
Yellow	6	6	4 5 6 7 8		32 35 38 41
Light Blue	7	7	5 6 7 8 9		35 38 41
Red	8	8	6 7 8 9 10		35 38 41

NOTE: In the U.S., sizes 1–10 ATTUNE Revision Femoral Components have been cleared for use in a Fixed Bearing Construct. Only sizes 3–8 ATTUNE Revision Femoral Components are currently approved for use in an ATTUNE Revision Rotating Platform Construct.

Attune®
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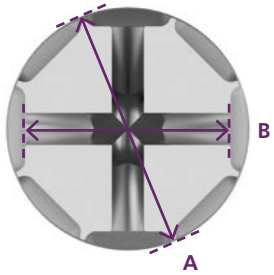
STEM REAMING AND CONSTRUCT LENGTHS



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STEM REAMING



ATTUNE® REVISION PRESS-FIT STEM



ATTUNE® REVISION CANAL REAMER

		ATTUNE® REVISION KNEE SYSTEM STEM REAMING							
		10	12	14	16	18	20	22	24
A	Press-Fit Stem Over Flute Diameter (Major)	11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25
B	Press-Fit Stem Inner Flute Diameter (Minor)	9.6	11.6	13.2	15.2	17.5	19.0	20.2	22.6
	Major-to-Minor Difference	1.6	1.7	2.0	2.1	1.7	2.3	3.0	2.7
C	Canal Reamer Diameter (Cutting End)	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0
D	Canal Reamer Diameter (Non-Cutting)	10.0							
	Diametric Press-Fit*	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	Stem Trial Diameter	9.9	11.9	13.9	15.9	17.9	19.9	21.9	23.9

***NOTE:** Diametric Press-Fit is defined as the Flute Diameter minus (-) the Reamer Diameter.

All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION FEMORAL COMPONENT WITH ATTUNE® REVISION PRESS-FIT STEMS

Femoral Component Size	60 mm Press-Fit Stem	110 mm Press-Fit Stem	160 mm Press-Fit Stem
1	103.2	153.2	203.2
2	103.2	153.2	203.2
3	103.2	153.2	203.2
4	107.9	157.9	207.9
5	107.9	157.9	207.9
6	107.9	157.9	207.9
7	107.9	157.9	207.9
8	112.1	162.1	212.1
9	112.1	162.1	212.1
10	112.1	162.1	212.1



ATTUNE® REVISION FEMORAL COMPONENT WITH PRESS-FIT STEM



ATTUNE® REVISION FEMORAL COMPONENT WITH PRESS-FIT STEM AND OFFSET STEM ADAPTOR

NOTE: Add 25 mm to construct length when using any size Offset Stem Adaptor.

All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION FEMORAL COMPONENT WITH ATTUNE® REVISION CEMENTED STEMS

Femoral Component Size	30 mm Cemented Stem	50 mm Cemented Stem	80 mm Cemented Stem	130 mm Cemented Stem
1	73.2	93.2	123.2	173.2
2	73.2	93.2	123.2	173.2
3	73.2	93.2	123.2	173.2
4	77.9	97.9	127.9	177.9
5	77.9	97.9	127.9	177.9
6	77.9	97.9	127.9	177.9
7	77.9	97.9	127.9	177.9
8	82.1	102.1	132.1	182.1
9	82.1	102.1	132.1	182.1
10	82.1	102.1	132.1	182.1



ATTUNE® REVISION FEMORAL COMPONENT WITH CEMENTED STEM

All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION FB TIBIAL BASE WITH ATTUNE® REVISION PRESS-FIT STEMS

FB Tibial Base Size	60 mm Press-Fit Stem	110 mm Press-Fit Stem	160 mm Press-Fit Stem
1	85.3	135.3	185.3
2	85.3	135.3	185.3
3	85.3	135.3	185.3
4	85.3	135.3	185.3
5	85.3	135.3	185.3
6	85.3	135.3	185.3
7	85.3	135.3	185.3
8	85.3	135.3	185.3
9	85.3	135.3	185.3
10	85.3	135.3	185.3



ATTUNE® REVISION FB TIBIAL BASE WITH PRESS-FIT STEM



ATTUNE® REVISION FB TIBIAL BASE WITH PRESS-FIT STEM AND OFFSET STEM ADAPTOR

NOTE: Add 25 mm to construct length when using any size Offset Stem Adaptor.

All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION FB TIBIAL BASE WITH ATTUNE® REVISION CEMENTED STEMS

FB Tibial Base Size	30 mm Cemented Stem	50 mm Cemented Stem	80 mm Cemented Stem	130 mm Cemented Stem
1	55.3	75.3	105.3	155.3
2	55.3	75.3	105.3	155.3
3	55.3	75.3	105.3	155.3
4	55.3	75.3	105.3	155.3
5	55.3	75.3	105.3	155.3
6	55.3	75.3	105.3	155.3
7	55.3	75.3	105.3	155.3
8	55.3	75.3	105.3	155.3
9	55.3	75.3	105.3	155.3
10	55.3	75.3	105.3	155.3



ATTUNE® REVISION FB TIBIAL BASE WITH CEMENTED STEM

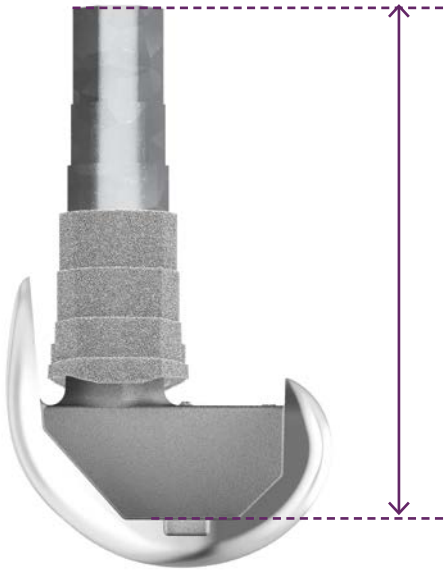
All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION FEMORAL COMPONENT WITH ATTUNE® REVISION FEMORAL SLEEVES

Femoral Component Size	30 mm Sleeve	35 mm Sleeve	40 mm Sleeve	45 mm Sleeve	50 mm Sleeve	55 mm Sleeve
1	90.0	94.0				
2	90.0	94.0				
3	90.0	94.0				
4	95.0	99.0	103.0	107.0		
5	95.0	99.0	103.0	107.0	111.0	115.0
6	95.0	99.0	103.0	107.0	111.0	115.0
7	95.0	99.0	103.0	107.0	111.0	115.0
8	99.0	103.0	107.0	111.0	115.0	119.0
9	99.0	103.0	107.0	111.0	115.0	119.0
10	99.0	103.0	107.0	111.0	115.0	119.0

NOTE: Add Stem length to the length of the Revision Femoral Component and Femoral Sleeve assembly



ATTUNE® REVISION FEMORAL COMPONENT WITH FEMORAL SLEEVE

CONSTRUCT LENGTHS

ATTUNE® REVISION RP TIBIAL BASE WITH ATTUNE® REVISION PRESS-FIT STEMS

RP Tibial Base Size	60 mm Press-Fit Stem	110 mm Press-Fit Stem	160 mm Press-Fit Stem
2	121.7	171.7	221.7
3	121.7	171.7	221.7
4	121.7	171.7	221.7
5	121.7	171.7	221.7
6	121.7	171.7	221.7
7	121.7	171.7	221.7
8	121.7	171.7	221.7
9	121.7	171.7	221.7
10	121.7	171.7	221.7



ATTUNE® REVISION RP TIBIAL BASE WITH PRESS-FIT STEM

All dimensions are mm, unless otherwise indicated

CONSTRUCT LENGTHS

ATTUNE® REVISION RP TIBIAL BASE WITH ATTUNE® REVISION CEMENTED STEMS

RP Tibial Base Size	30 mm Cemented Stem	50 mm Cemented Stem	80 mm Cemented Stem	130 mm Cemented Stem
2	91.7	111.7	141.7	191.7
3	91.7	111.7	141.7	191.7
4	91.7	111.7	141.7	191.7
5	91.7	111.7	141.7	191.7
6	91.7	111.7	141.7	191.7
7	91.7	111.7	141.7	191.7
8	91.7	111.7	141.7	191.7
9	91.7	111.7	141.7	191.7
10	91.7	111.7	141.7	191.7



ATTUNE REVISION RP TIBIAL BASE WITH CEMENTED STEM

All dimensions are mm, unless otherwise indicated

REFERENCES:

1. DePuy Synthes Data on File: SEA 103236081

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DePuy Orthopaedics, Inc.
700 Orthopaedic Drive
Warsaw, IN 46582
USA
Tel: +1 (800) 366-8143
Fax: +1 (800) 669-2530

DePuy International, Ltd.
St Anthony's Road
Leeds LS11 8DT
England
Tel: +44 (0) 113 270 0461

DePuy (Ireland)
Loughbeg, Ringaskiddy
Co. Cork
Ireland
Tel: + 35 (321) 491 4000
Fax: + 35 (321) 491 4199

www.depuysynthes.com

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