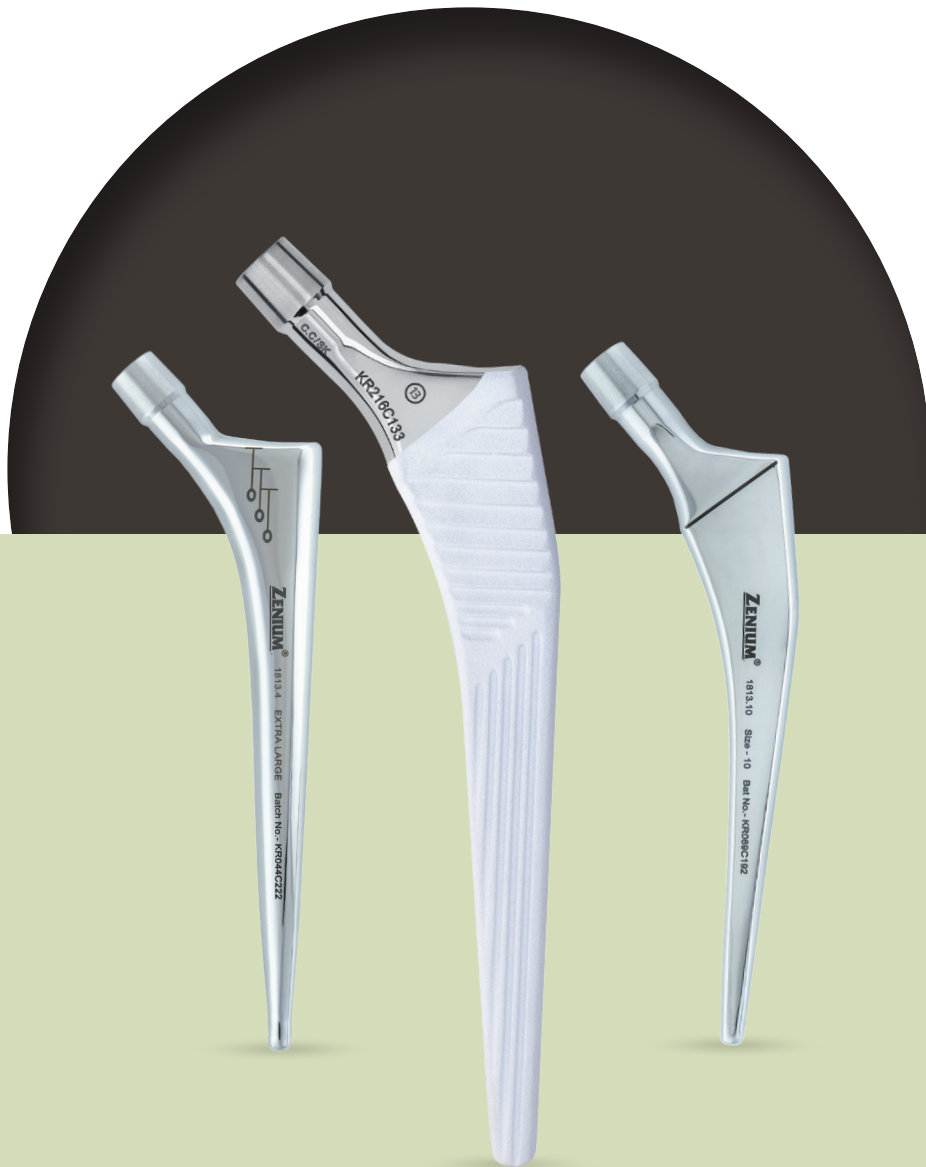


ZENIUM[®]

Endoprosthesis



Koma⁺L

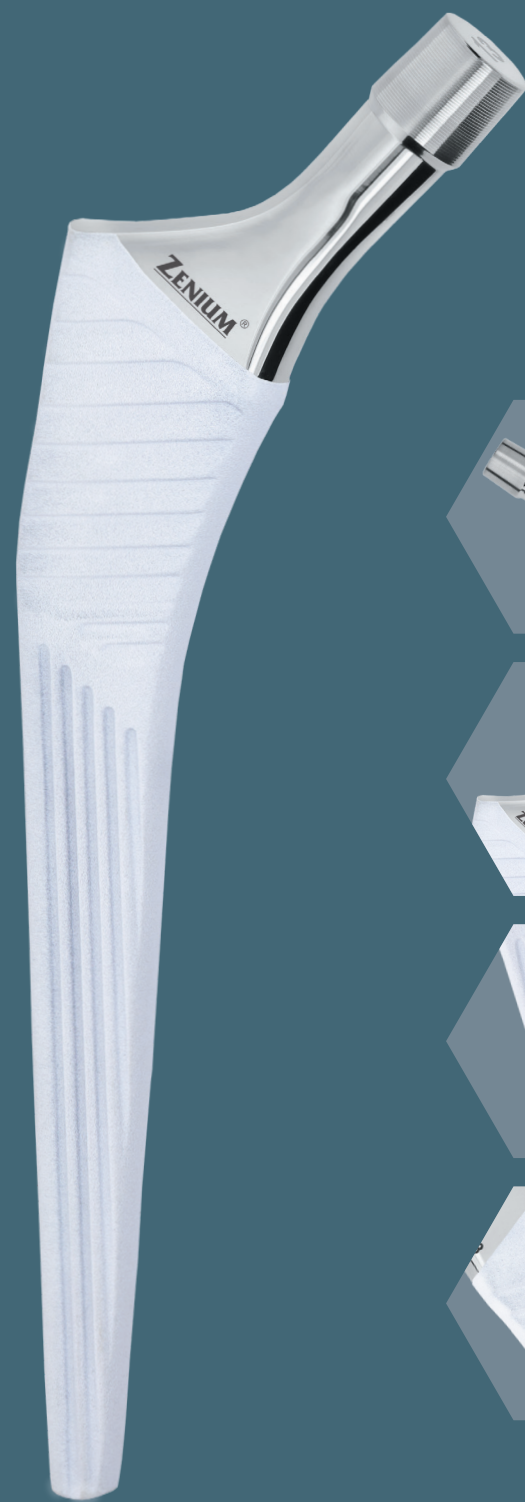
Health Care Pvt. Ltd.

ZENIUM[®]



Koma⁺L
Health Care Pvt. Ltd.

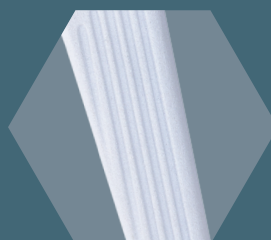
FEMORAL STEM (UNCEMENTED)



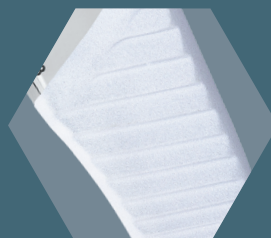
STANDARD 12/14
taper connection.



HIGHLY POLISHED
neck region minimizes
wear debris due to
impingement.



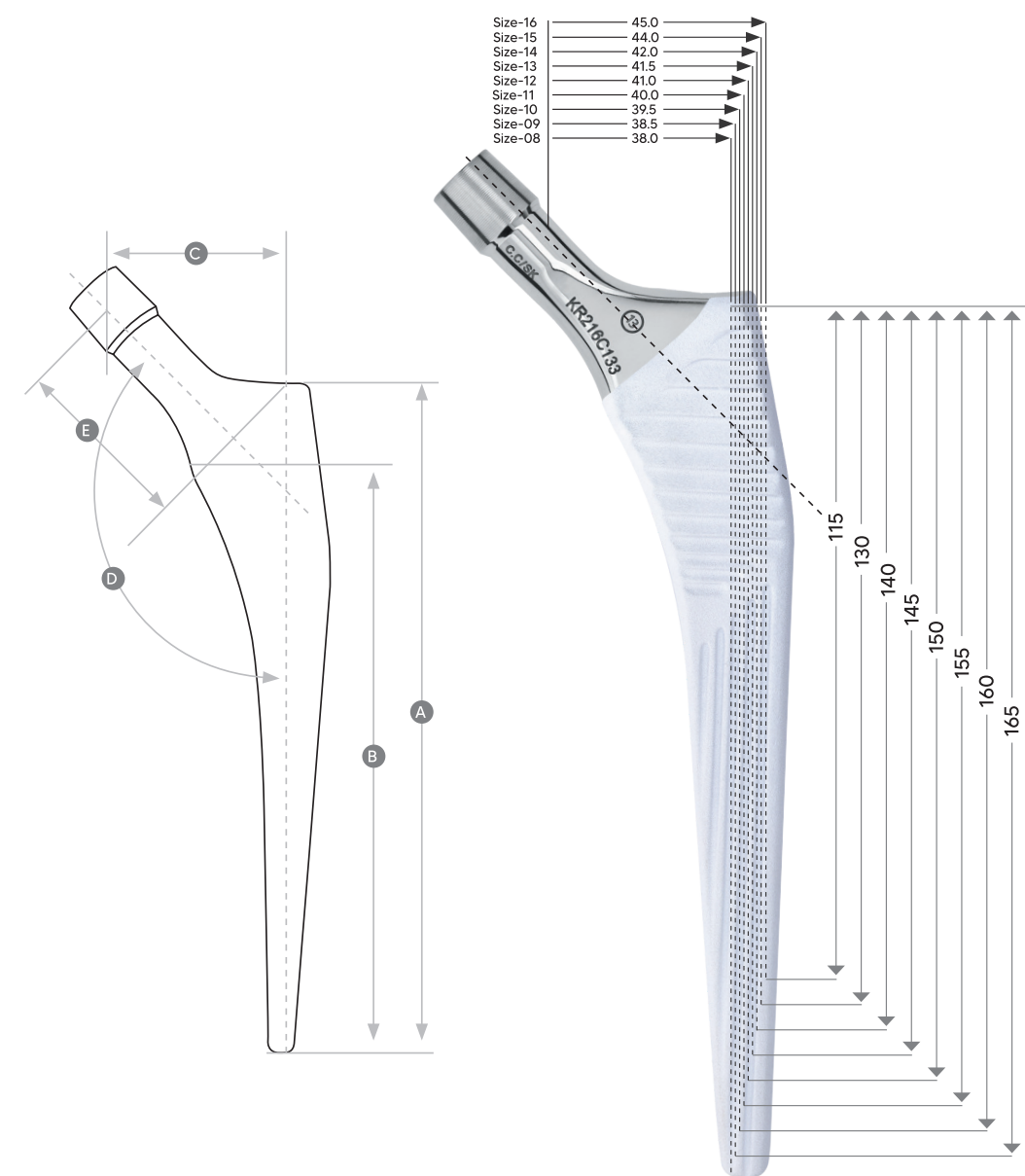
**DISTAL VERTICAL GROOVES &
QUADRANGULAR CROSS SECTION**
Vertical grooves and HA coating provide
stabilization to minimize distal thigh pain



**HORIZONTALLY GROOVED
MACROSTRUCTURE**
Full length of stem HA coating
induces rapid osseointegration

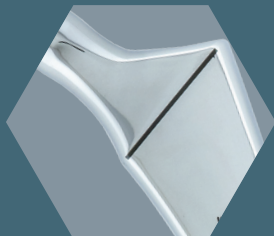
IMPLANT SIZING

ZENIUM®

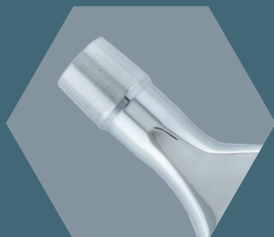


Size	Code	Stem Length (mm-A)	Stem Length (mm-B)	Offset, (mm-C)	Neck Shaft (Angle-D)	Neck Length (mm-E)
8	1815.8	115	93	38.0	135°	39
9	1815.9	130	108	38.5	135°	39
10	1815.10	140	118	39.5	135°	39
11	1815.11	145	123	40.0	135°	39
12	1815.12	150	128	41.0	135°	39
13	1815.13	155	132	41.5	135°	39
14	1815.14	160	137	42.0	135°	39
15	1815.15	165	142	44.0	135°	39
16	1815.16	170	147	45.0	135°	39

FEMORAL STEM (CEMENTED)



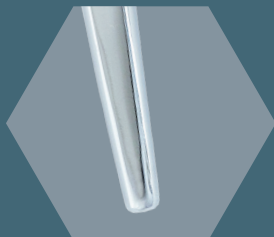
RESECTION PLANE
LASER MARK FOR
OPTIMAL SEATING IN
CEMENT



STANDARD 12/14
TAPER CONNECTION.



FULLY POLISHED
STAINLESS STEEL TO MINIMIZE
CEMENT ABRASION



ELLIPTICAL TIP
TO EASE INSERTION AND
REDUCE STRESS IN THE
CEMENT

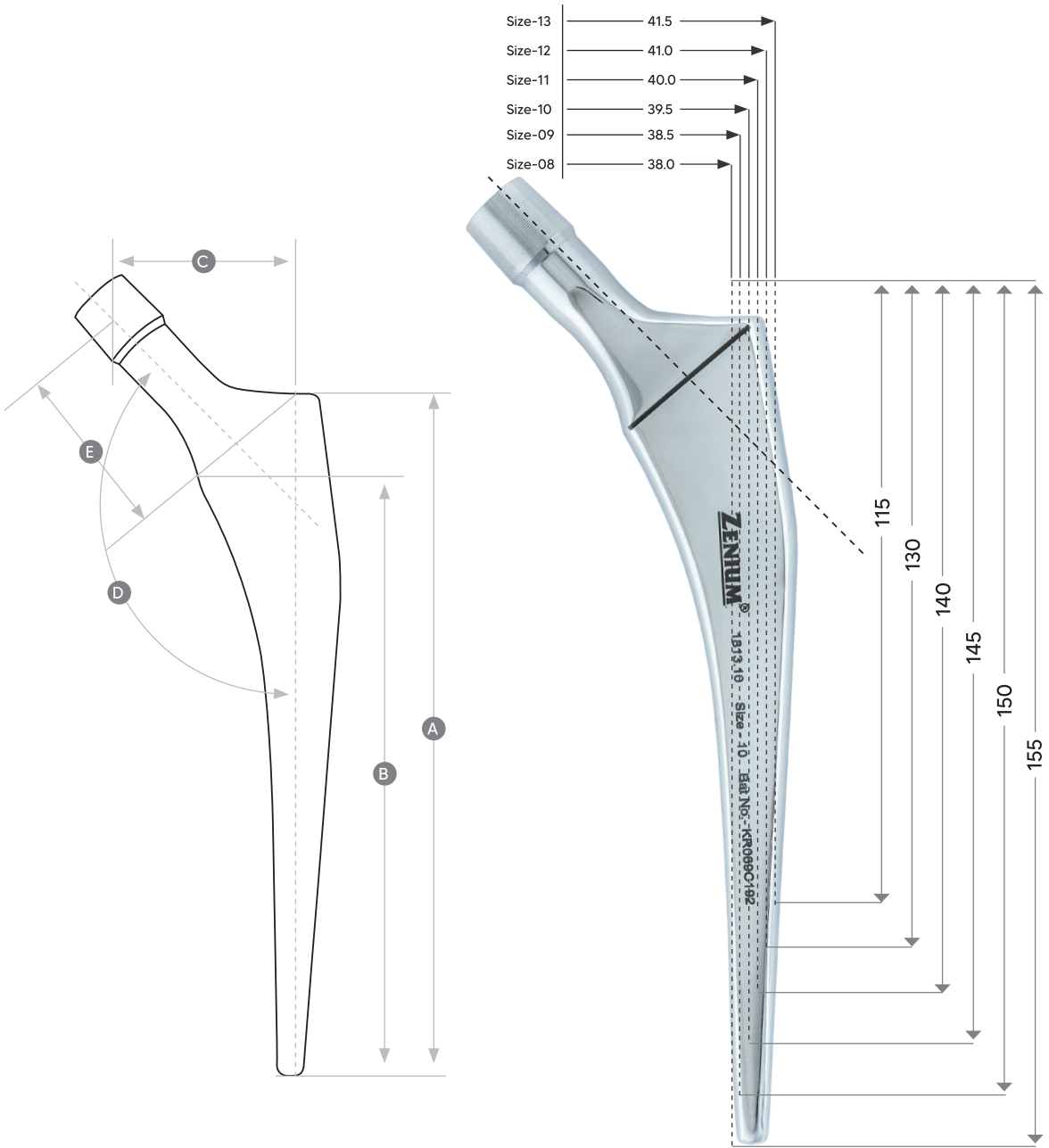


TRAPEZOIDAL LIKE PROXIMAL
CROSS SECTION TO PROVIDE
ROTATIONAL STABILITY AND
SELF LOCKING



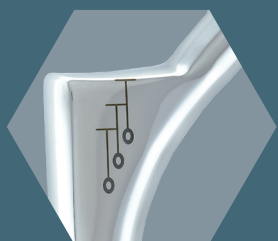
IMPLANT SIZING

ZENIUM

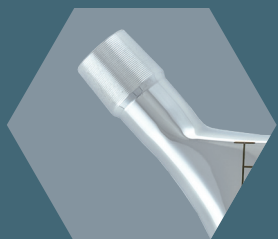


Size	Code	Stem Length (mm-A)	Stem Length (mm-B)	Offset, (mm-C)	Neck Shaft (Angle-D)	Neck Length (mm-E)
8	1813.8	115	93	38.0	135°	39
9	1813.9	130	108	38.0	135°	39
10	1813.10	140	118	39.5	135°	39
11	1813.11	145	123	40.0	135°	39
12	1813.12	150	128	41.0	135°	39
13	1813.13	155	132	41.5	135°	39

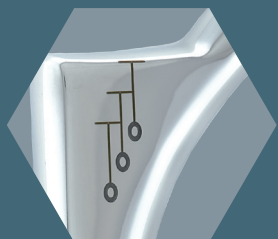
FEMORAL STEM (CEMENTED)



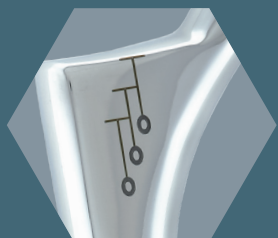
RESECTION PLANE
LASER MARK FOR OPTIMAL
SEATING IN CEMENT



STANDARD 12/14
TAPER CONNECTION.



FULLY POLISHED
STAINLESS STEEL TO
MINIMIZE CEMENT ABRASION



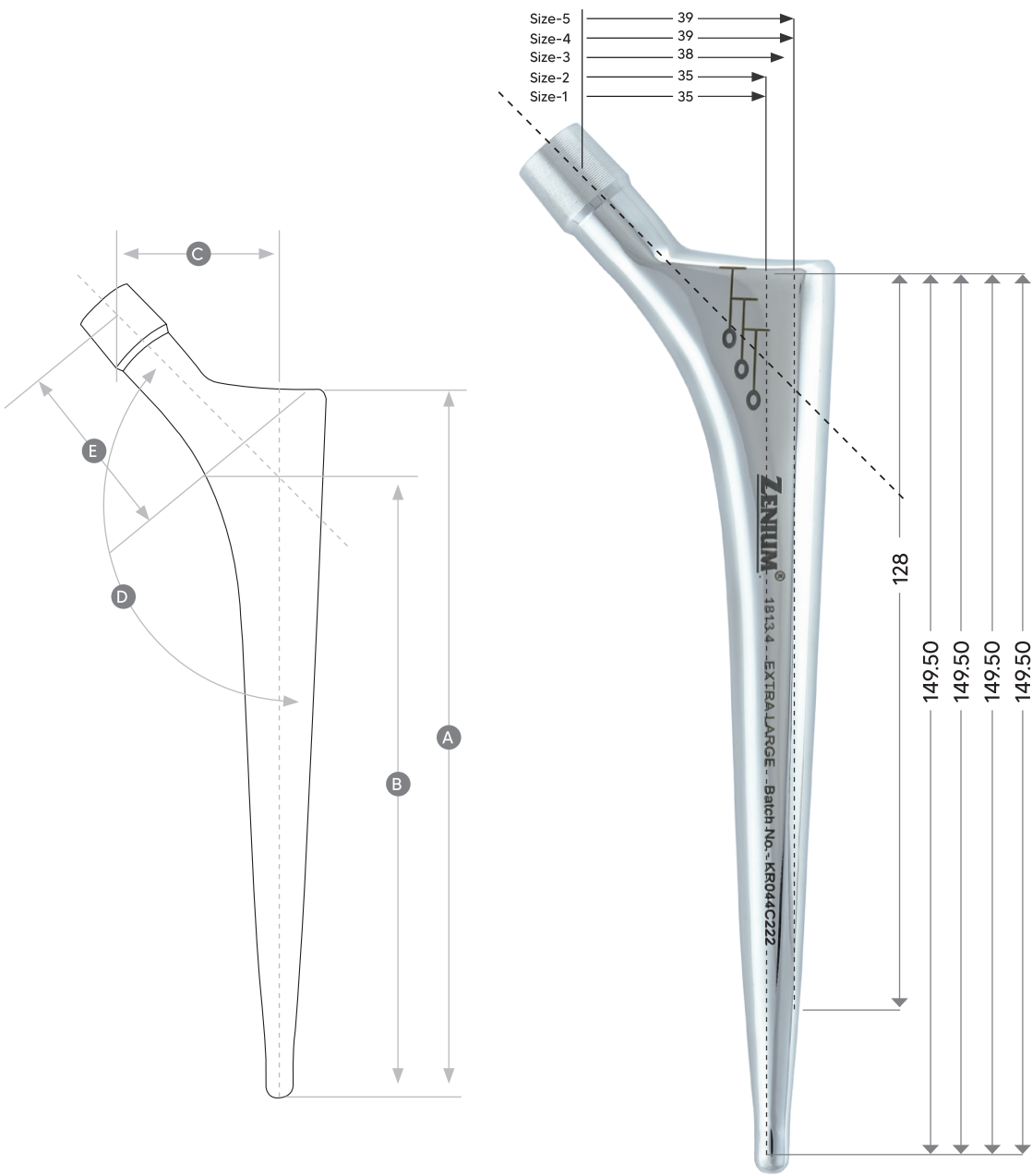
COLLARLESS NECK
HELPS TO FACILITATE ADJUSTMENT
& ALLOWS INTRA-PERATIVE LEG
LENGTH ADJUSTMENT



Available Size
1 To 5

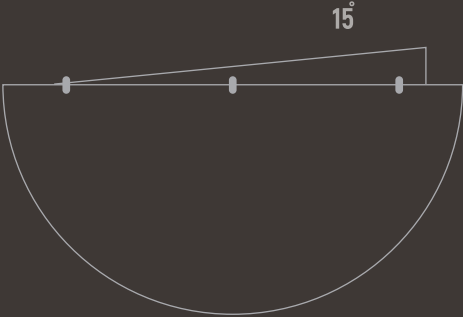
IMPLANT SIZING

ZENIUM



Size	Code	Stem Length (mm-A)	Offset, (mm-C)	Neck Length (mm-E)	Neck Shaft (Angle-D)
1	1867.1	128	35	37	125
2	1867.2	149.5	35	39	125
3	1867.3	149.5	38	41	125
4	1867.4	149.5	39	44	125
5	1867.5	149.5	39	45	125

ACETABULAR CUP LINER



Outer Dia	INNER DIA. CAT. NO.		
	28mm	32mm	36mm
40 mm	1833.40	-	-
42 mm	1833.42	-	-
44 mm	1833.44	-	-
46 mm	1833.46	-	-
48 mm	-	1832.48	-
50 mm	-	1832.50	-
52 mm	-	-	1836.52
54 mm	-	-	1836.54
56 mm	-	-	1836.56
58 mm	-	-	1836.58
60 mm	-	-	1836.60
62 mm	-	-	1836.62
64 mm	-	-	1836.64



Material : UHMWPE
Posterior Lift : 15° Lift

ACETABULAR CUP

ZENIUM®

Dia	Cat No TT
40 mm	2833.40
42 mm	2833.42
44 mm	2833.44
46 mm	2833.46
48 mm	2833.48
50 mm	2833.50
52 mm	2833.52
54 mm	2833.54
56 mm	2833.56
58 mm	2833.58
60 mm	2833.60
62 mm	2833.62
64 mm	2833.64

Material :
Titanium Alloy
Head Coverage : 180°
Coating : Porous



INTERNAL HEAD

DIAMETER	22 mm	26 mm
LENGTH	Cat No - SS	Cat No - SS
-4mm	1854.-4	1855.-4
0 mm	1854.0	1855.0
+ 4 mm	1854.+4	1855.+4

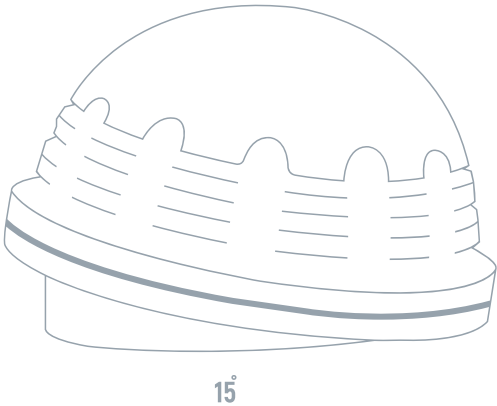
DIAMETER	28 mm		32 mm		36 mm	
LENGTH	Cat No - SS	Cat No - Co. Cr	Cat No - SS	Cat No - Co. Cr	Cat No - SS	Cat No - Co. Cr
-3.5 mm	1851.-3.5	2851.-3.5	-	-	-	-
-4mm	-	-	1852.-4	2852.-4	1853.-4	2853.-4
0 mm	1851.0	2851.0	1852.0	2852.0	1853.0	2853.0
+3.5mm	1851.+3.5	2851.+3.5	-	-	-	-
+ 4 mm	-	-	1852.+4	2852.+4	1853.+4	2853.+4
+ 7 mm	1851.+7	2851.+7	1852.+7	2852.+7	1853.+7	2853.+7



ACETABULAR CUP
(CEMENTED)

ZENIUM®

INNER DIA. CAT. NO.		
OUTER DIA	28MM	32MM
40 mm	1821.40	-
42 mm	1821.42	-
44 mm	1821.44	-
46 mm	1821.46	-
48 mm	1821.48	-
50 mm	-	1821.50
52 mm	-	1821.52
54 mm	-	1821.54
56 mm	-	1821.56
58 mm	-	1821.58
60 mm	-	1821.60



Material : UHMWPE
Head Coverage : 180°
Posterior Lift : 15° Lift

MATERIAL : UHMWPE & S.S.

INTERNAL HEAD 22 MM	
DIAMETER	Cat No SS
37 mm	1856.37
39 mm	1856.39
41 mm	1856.41

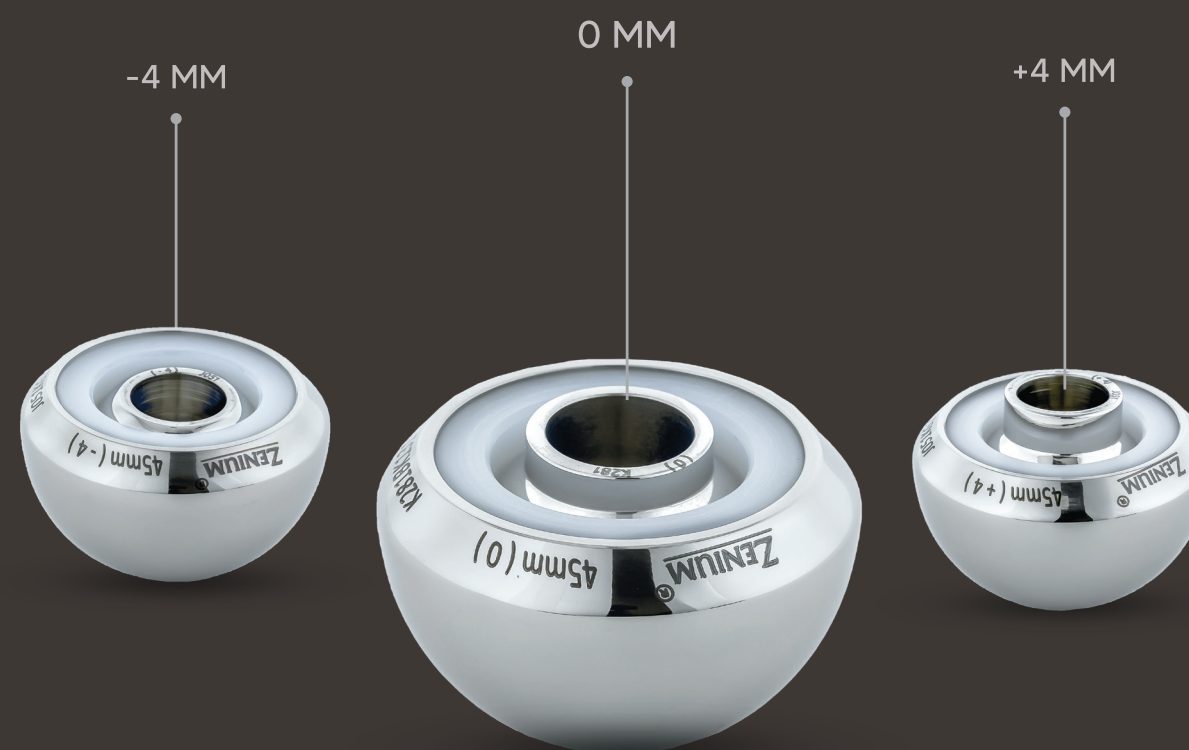
INTERNAL HEAD 28 MM	
DIAMETER	Cat No SS
43 mm	1856.43
45 mm	1856.45
47 mm	1856.47
49 mm	1856.49
51 mm	1856.51
53 mm	1856.53
55 mm	1856.55



INTERNAL HEAD DIA.	22.0 MM		
	INTERNAL HEAD LENGTH CAT. NO.		
BIPOLAR DIA	-4MM	0 MM	+ 4MM
37 mm	1812.37-4	1812.37	1812.37+4
39 mm	1812.39-4	1812.39	1812.39+4
41 mm	1812.41-4	1812.41	1812.41+4
43 mm	1812.43-4	1812.43	1812.43+4

INTERNAL HEAD DIA.	26.0 MM		
	INTERNAL HEAD LENGTH CAT. NO.		
BIPOLAR DIA	-4MM	0 MM	+ 4MM
45 mm	1812.45-4	1812.45	1812.45+4
47 mm	1812.47-4	1812.47	1812.47+4
49 mm	1812.49-4	1812.49	1812.49+4
51 mm	1812.51-4	1812.51	1812.51+5
53 mm	1812.53-4	1812.53	1812.53+5
55 mm	1812.55-4	1812.55	1812.55+5

MODULAR BIPOLAR CUP
(WITH HEAD)

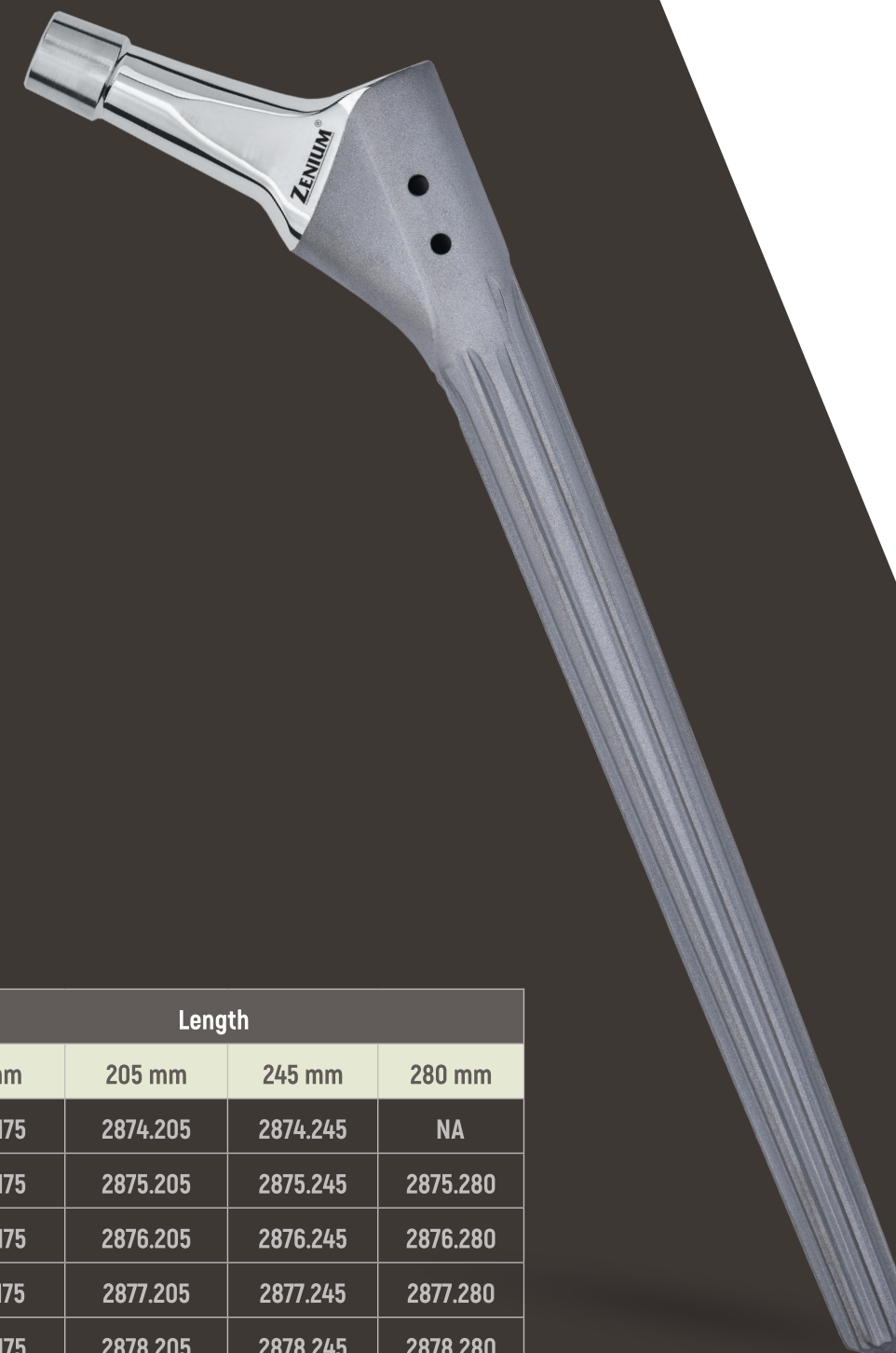


**LONG STEM
(CEMENTED)**



Size	Length		
	230 mm	250 mm	300 mm
9	1859.9.230	1859.9.250	NA
10	1855.10.230	1855.10.250	1855.10.300
11	1869.11.230	1869.11.250	1869.11.300

**REVISION HIP STEM
(UNCEMENTED)**



Dia	Length			
	175 mm	205 mm	245 mm	280 mm
14	2874.175	2874.205	2874.245	NA
15	2875.175	2875.205	2875.245	2875.280
16	2876.175	2876.205	2876.245	2876.280
17	2877.175	2877.205	2877.245	2877.280
18	2878.175	2878.205	2878.245	2878.280
19	2879.175	2879.205	2879.245	2879.280
20	2880.175	2880.205	2880.245	2880.280

REDIAL HEAD STEM

Size	Cemented Code	UnCemented Code	Dia	Length
5.5	1823.5.5	1824.5.5	5.5mm	25
6.5	1823.6.5	1824.6.5	6.5mm	25
7.5	1823.7.5	1824.7.5	7.5mm	25
8.5	1823.8.5	1824.8.5	8.5mm	25
9.5	1823.9.5	1824.9.5	9.5mm	25
10.5	1823.10.5	1824.10.5	10.5mm	25



REDIAL HEAD

ZENIUM®



Size	Code	Dia
1	1822.1	18
1.5	1822.1.5	19
2	1822.2	19.5
2.5	1822.2.5	20.5
3	1822.3	21.5

FIX BIPOLAR

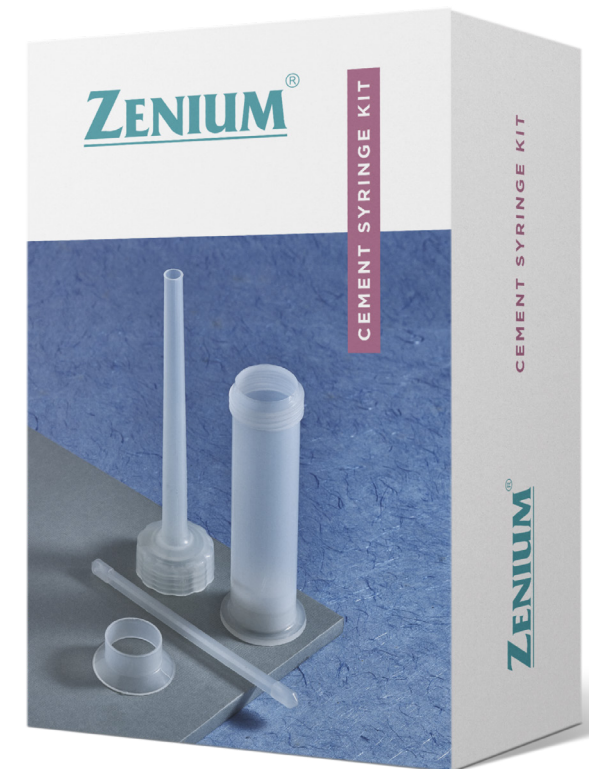


BIPOLAR PROSTHESIS (FENESTRATED / NON FENESTRATED)			
Stem Size	Cup Size	Cat. Code	Length
Small Stem	37 mm to 43 mm	1809.37 - 1809.43	150 mm
Large Stem	45 mm to 53 mm	1809.45 - 1809.53	160 mm
Small Stem	37 mm to 43 mm	1811.37 - 1811.43	150 mm
Large Stem	45 mm to 53 mm	1811.45 - 1811.53	160 mm



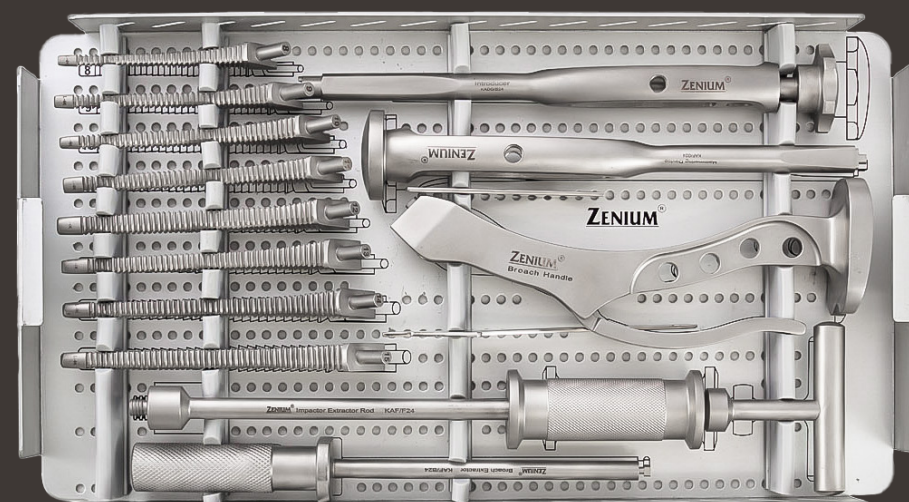
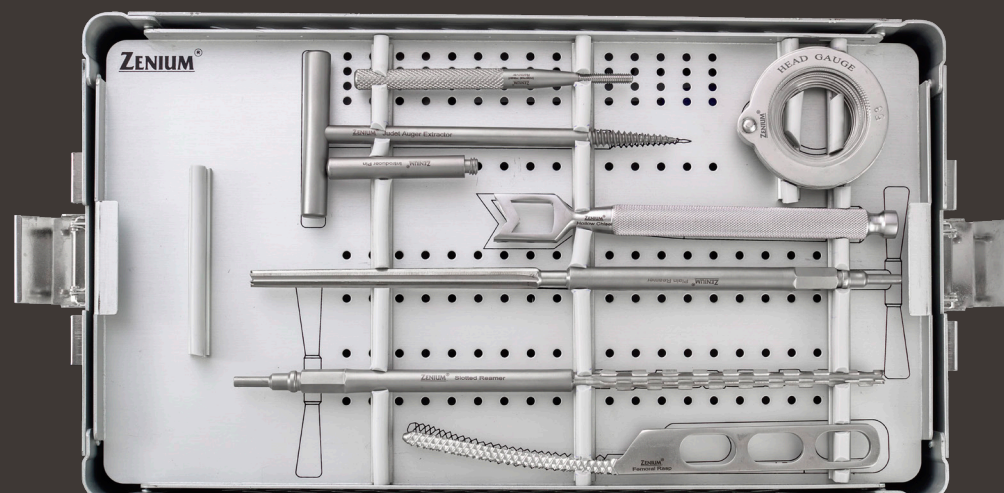
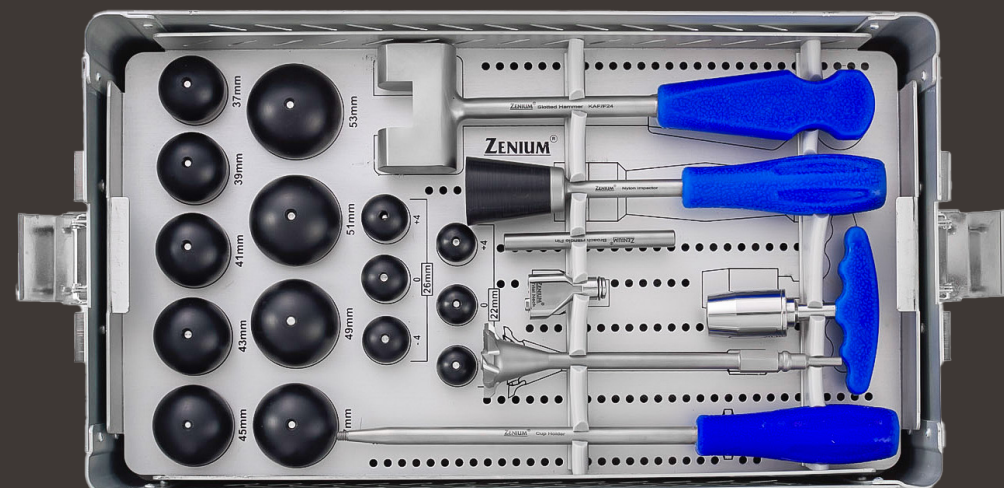
BIPOLAR PROSTHESIS (FENESTRATED/ (NON FENESTRATED)			
Stem Size	Cup Size	Cat. Code	Length
Small Stem	37 mm to 41 mm	1807.37 - 1805.41	150 mm
Medium Stem	43 mm to 47 mm	1807.43 - 1805.47	165 mm
Large Stem	49 mm to 53 mm	1807.49 - 1805.53	170 mm
Small Stem	37 mm to 41 mm	1807.37 - 1805.41	150 mm
Medium Stem	43 mm to 47 mm	1807.43 - 1805.47	165 mm
Large Stem	49 mm to 53 mm	1807.49 - 1805.53	170 mm

SYRINGE KIT



HEMIPROSTHESIS

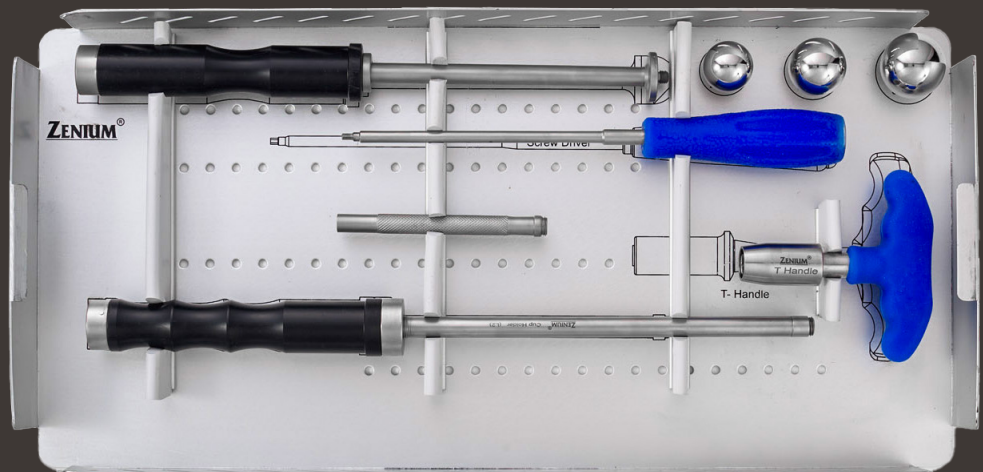
ZENIUM®



Sr. No.	Product Description	Code
1	Head Gauge	4001.04
2	Osteotome	4001.05
3	Femoral Head Extractor	4001.06
4	Reamer Slotted	4005.02
5	Reamer Streight	4005.03
6	Broach Handle	4009
7	Aluminium Instrument Box	4039.01
8	Hammer	4039.02
9	Femoral Canal Rasp	4039.03
10	Extractor Rod with Hammer	4039.05
11	Trial Stem Extractor	4039.06
12	Calcar Reamer	4039.07
13	Broach - 8	4039.08
14	Broach - 9	4039.09
15	Broach - 10	4039.10
16	Broach - 11	4039.11
17	Broach - 12	4039.12
18	Broach - 13	4039.13
19	Broach - 14	4039.14
20	Broach - 15	4039.15

Sr. No.	Product Description	Code
21	Proximal Canal Drill	4039.16
22	Stem Impactor	4039.17
23	Stem Insertter	4039.18
24	Anteversion Axis for Insertter	4039.19
25	Trial Neck	4039.20
26	Neck Resection Guide	4039.21
27	T Handle with Quick Coupling	4055.10
28	Trail Cup Holder	4039.27
29	Anteversion Axis for Broach Handle	4039.28
30	Head Impactor	4039.29
31	Trial Head Holder	4039.30
32	Trial Cup - 37 mm	4039.37
33	Trial Cup - 39 mm	4039.39
34	Trial Cup - 41 mm	4039.41
35	Trial Cup - 43 mm	4039.43
36	Trial Cup - 45 mm	4039.45
37	Trial Cup - 47 mm	4039.47
38	Trial Cup - 49 mm	4039.49
39	Trial Cup - 51 mm	4039.51
40	Trial Cup - 53 mm	4039.53
41	Trial Head - 26mm (+4mm)	4007.+4
42	Trial Head - 26mm (-4mm)	4007.-4
43	Trial Head - 26mm (0)	4007
44	Trial Head - 22mm (+4mm)	4039.22+4
45	Trial Head - 22mm (-4mm)	4039.22-4
46	Trial Head - 22mm (0)	4039.22

TOTAL HIP
REPLACEMENT



Sr. No.	Product Descreption	Code
1	Reamer Shaft with Quick Coupling	4040.01
2	T Handle with Quick Coupling	4055.10
3	Drill Guide	4055.06
4	Flexible Drill Bit	4055.11
5	Flexible Depth Guade	4055.03
6	THR SCREW HOLDER	4055.04
7	THR FLEXIBLE SCREW DRIVER	4055.05
8	THR SCREW DRIVER	4055.15
9	THR CUP HOLDER	4055.01
10	Liner Pusher Handle	4055.02
11	Liner Pusher Head - 28mm	4055.07
12	Liner Pusher Head - 32mm	4055.08
13	Liner Pusher Head - 36mm	4055.09
14	Aluminium Instrument Box	4055.16
15	Trial Liner cup - 44mm [28mm]	4042.44
16	Trial Liner cup - 46mm [28mm]	4042.46
17	Trial Liner cup - 48mm [32mm]	4042.48
18	Trial Liner cup - 50mm [32mm]	4042.5
19	Trial Liner cup - 52mm [36mm]	4042.52
20	Trial Liner cup - 54mm [36mm]	4042.54
21	Trial Liner cup - 56mm [36mm]	4042.56
22	Trial Liner cup - 58mm [36mm]	4042.58
23	Trial Liner cup - 60mm [36mm]	4042.60
24	Trial Shell Metal - 44mm	4043.44
25	Trial Shell Metal - 46mm	4043.46
26	Trial Shell Metal - 48mm	4043.48
27	Trial Shell Metal - 50mm	4043.5
28	Trial Shell Metal - 52mm	4043.52
29	Trial Shell Metal - 54mm	4043.54
30	Trial Shell Metal - 56mm	4043.56
31	Trial Shell Metal - 58mm	4043.58
32	Trial Shell Metal - 60mm	4043.60

Sr. No.	Product Descreption	Code
33	Trail Cemented Cup - 42mm [28mm]	4046.42
34	Trail Cemented Cup - 44mm [28mm]	4046.44
35	Trail Cemented Cup - 46mm [28mm]	4046.46
36	Trail Cemented Cup - 48mm [28mm]	4046.48
37	Trail Cemented Cup - 50mm [32mm]	4046.5
38	Trail Cemented Cup - 52mm [32mm]	4046.52
39	Trail Cemented Cup - 54mm [32mm]	4046.54
40	Trail Cemented Cup - 56mm [32mm]	4046.56
41	Trail Cemented Cup - 58mm [32mm]	4046.58
42	Trial Head - 28mm [0]	4050.0
43	Trial Head - 28mm [+3.5]	4050.+3.5
44	Trial Head - 28mm [-3.5]	4050.-3.5
45	Trial Head - 28mm [+7]	4050.+7
46	Trial Head - 32mm [0]	4052.0
47	Trial Head - 32mm [+4]	4052.+4
48	Trial Head - 32mm [-4]	4052.-4
49	Trial Head - 32mm [+7]	4052.+7
50	Trial Head - 36mm [0]	4054.0
51	Trial Head - 36mm [+4]	4054.+4
52	Trial Head - 36mm [-4]	4054.-4
53	Trial Head - 36mm [+7]	4054.+7
54	Acetabular Reamer - 40mm	4041.40
55	Acetabular Reamer - 42mm	4041.42
56	Acetabular Reamer - 44mm	4041.44
57	Acetabular Reamer - 46mm	4041.46
58	Acetabular Reamer - 48mm	4041.48
59	Acetabular Reamer - 50mm	4041.50
60	Acetabular Reamer - 52mm	4041.52
61	Acetabular Reamer - 54mm	4041.54
62	Acetabular Reamer - 56mm	4041.56
63	Acetabular Reamer - 58mm	4041.58
64	Acetabular Reamer - 60mm	4041.60

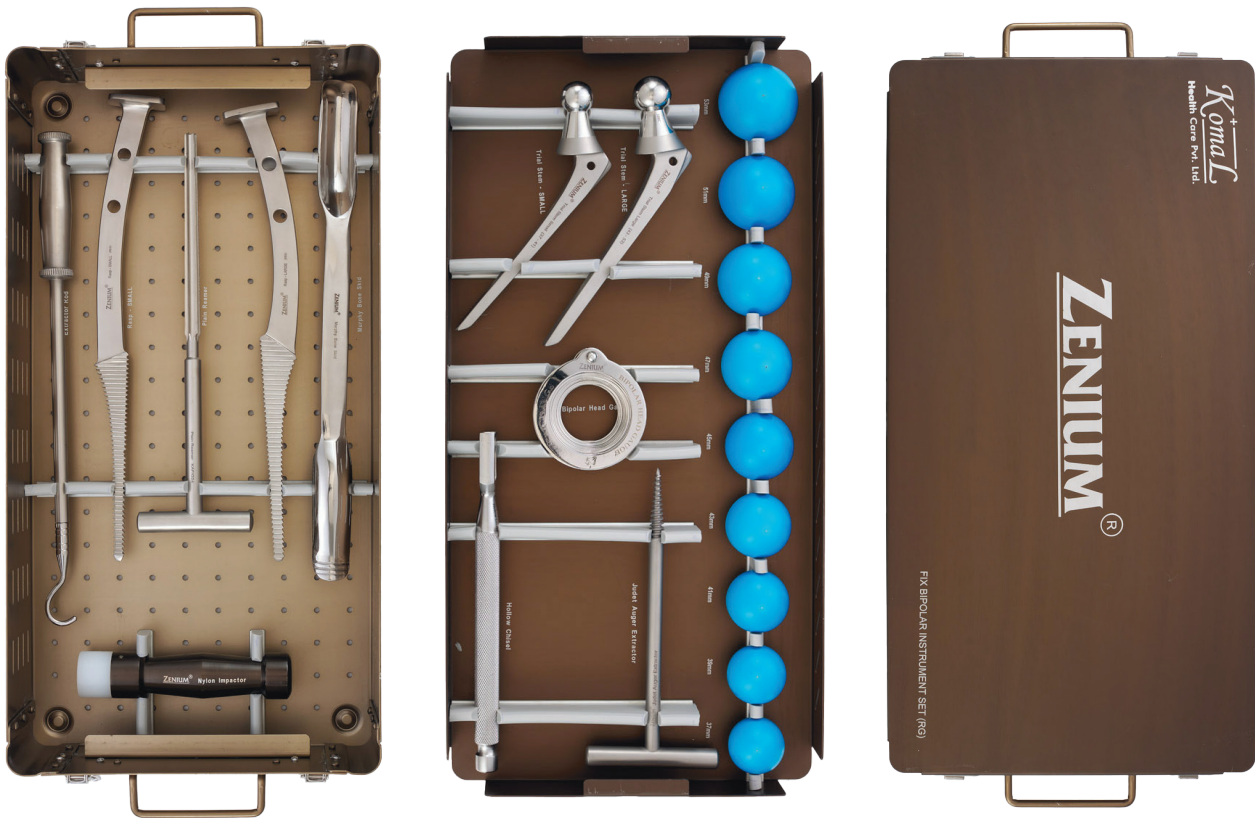
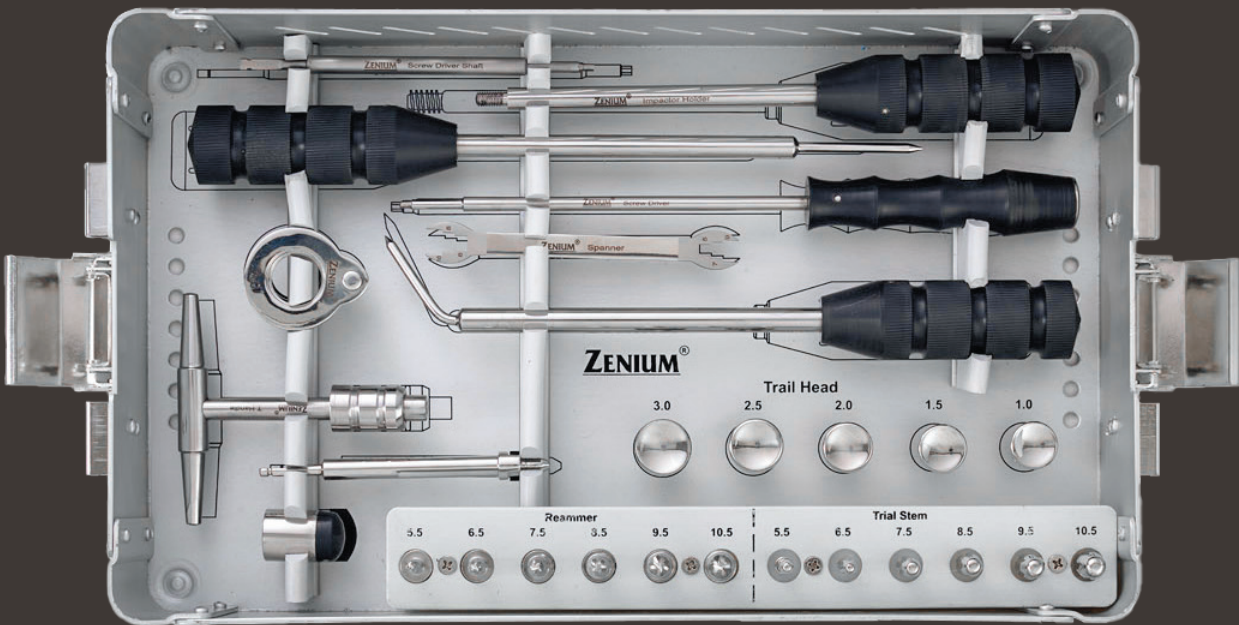
FIX BIPOLAR

Sr. No.	Product Description	Code
1	Implant Inserter	4001
2	Murphy Bone Skid	4001.02
3	Head Impactor	4001.03
4	Head Gauge	4001.04
5	Osteotome	4001.05
6	Femoral Head Extractor	4001.06
7	Reamer Streight	4005.03
8	Trial Cup - 37mm	4002.37
9	Trial Cup - 39mm	4002.39
10	Trial Cup - 41mm	4002.41

Sr. No.	Product Description	Code
11	Trial Cup - 43mm	4002.43
12	Trial Cup - 45mm	4002.45
13	Trial Cup - 47mm	4002.47
14	Trial Cup - 49mm	4002.49
15	Trial Cup - 51mm	4002.51
16	Trial Cup - 53mm	4002.53
17	Broach - Small	4003.01
18	Broach - Large	4003.02
19	Trial Stem - Small	4003.03
20	Trial Stem - Large	4003.04
21	Aluminium Instrument Box	4004

RADIAL HEAD

ZENIUM®



Sr. No.	Product Description	Code
1	Head Impactor	4037.12
2	T Handle with Quick Coupling	4037.13
3	Aluminium Instrument Box	4044.01
4	Trial Head Prosthesis - 1	4044.02
5	Trial Head Prosthesis - 1.5	4044.03
6	Trial Head Prosthesis - 2	4044.04
7	Trial Head Prosthesis - 2.5	4044.05
8	Trial Head Prosthesis - 3	4044.06
9	Head Impactor Holder	4044.07
10	Entry Awl Straight	4044.08
11	Entry Awl Curved	4044.09
12	Screw Driver	4044.10'
13	Spanner	4044.11
14	Drill Shaft	4044.12

Sr. No.	Product Description	Code
15	Screw Driver Shaft	4044.13
16	Head Gauge	4044.14
17	Trail Stem - 5.5mm	4044.15
18	Trail Stem - 6.5mm	4044.16
19	Trail Stem - 7.5mm	4044.17
20	Trail Stem - 8.5mm	4044.18
21	Trail Stem - 9.5mm	4044.19
22	Trail Stem - 10.5mm	4044.20'
23	Reamer - 5.5mm	4047.5.5
24	Reamer - 6.5mm	4047.6.5
25	Reamer - 7.5mm	4047.7.5
26	Reamer - 8.5mm	4047.8.5
27	Reamer - 9.5mm	4047.9.5
28	Reamer - 10.5mm	4047.10.5



Reg. Office : 102,103, Leena Hights,
Opp Thunga Hospital, Mira-Bhyander
Road, Mira Road (East),
Mumbai - 401107, India.

Works : Zenium House, Satya Sai Industrial
Esate, Fatak Road, Bhayander (East),
Mumbai-401105, Maharashtra, India

☎ : +91- 6913-900900

Mob: +91 9323456101

✉ : sales@komalhealthcare.com

🌐 : komalhealthcare.com