

TP Total Knee System

Product Catalog



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BIOTECH

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"Movement is Life"



THE TOTAL KNEE SYSTEM

In the Biotech Knee System, there is a wide range of choice of implants meeting the needs of surgeons, which provide a high intraoperative flexibility and minimize the restrictions, defined in the system condition of the case study.

According to these, the Biotech Knee System have been designed to provide solutions for Primary, Posterior-Stabilized and Revision indications. The cemented and the uncemented fixation can be flexibly chosen in given intraoperative situations, and can be made with the same set of instruments.

The anatomical design of each component allows physiological movements in great extent, overcoming the arising destructive conditions. With total intraoperative flexibility and single, but accurate set of instruments, a natural joint formation can be developed and a long-life expectancy of the artificial joint can be influenced positively.

Important parameters:

- Anatomical CoCr femoral components
- optional: also available in uncemented version
- CoCr Tibial Tray to minimize polyethylene wear, one piece and modular
- optional: also available in uncemented version and "All Poly" tibia
- Primary Tibial Insert lipped
- P/S Femoral components
- P/S Tibial Insert
- Meniscal bearing components
- Insert screw fixation to reduce micro motion between the insert and the tibial tray
- Revision CoCr femoral components
- Different stem lengths and stem offsets to increase the joint stability in revision components
- Femoral and Tibial Augmentation Block
- Flexible angular fit (5°, 7°, 9°) of the femoral stems for revision components
- Maximal surface contact of tibial and femoral components to minimize polyethylene wear
- Minimal invasive surgical technique
- All components are sterilized by GVF sterilization method

Order information:

TP Femoral Components - CoCr DIN EN ISO 5832-4

Right	
XXS *	051-1311-0058
XS	051-1311-1062
S	051-1311-2066
M	051-1311-3070
L	051-1311-4074
XL	051-1311-5078
XXL *	051-1311-6082
Left	
XXS *	051-1312-0058
XS	051-1312-1062
S	051-1312-2066
M	051-1312-3070
L	051-1312-4074
XL	051-1312-5078
XXL *	051-1312-6082

TP Tibial Inserts UHMWPE DIN EN ISO 5834-2

XXS 8mm *	051-4500-0108
XXS 10mm *	051-4500-0110
XXS 12mm *	051-4500-0112
XXS 15mm *	051-4500-0115
XXS 18mm *	051-4500-0118
XXS 20mm *	051-4500-0120
XS 8mm	051-4500-1108
XS 10mm	051-4500-1110
XS 12mm	051-4500-1112
XS 15mm	051-4500-1115
XS 18mm	051-4500-1118
XS 20mm	051-4500-1120
S 8mm	051-4500-2108
S 10mm	051-4500-2110
S 12mm	051-4500-2112
S 15mm	051-4500-2115
S 18mm	051-4500-2118
S 20mm	051-4500-2120
M 8mm	051-4500-3108
M 10mm	051-4500-3110
M 12mm	051-4500-3112
M 15mm	051-4500-3115
M 18mm	051-4500-3118
M 20mm	051-4500-3120
L 8mm	051-4500-4108
L 10mm	051-4500-4110
L 12mm	051-4500-4112
L 15mm	051-4500-4115
L 18mm	051-4500-4118
L 20mm	051-4500-4120
XL 8mm	051-4500-5108
XL 10mm	051-4500-5110
XL 12mm	051-4500-5112
XL 15mm	051-4500-5115
XL 18mm	051-4500-5118
XL 20mm	051-4500-5120
XXL 8mm *	051-4500-6108
XXL 10mm *	051-4500-6110
XXL 12mm *	051-4500-6112
XXL 15mm *	051-4500-6115
XXL 18mm *	051-4500-6118
XXL 20mm *	051-4500-6120

TP One Piece Tibial Tray Components CoCr DIN EN ISO 5832-4

XXS *	051-2210-0000
XS	051-2210-1000
S	051-2210-2000
M	051-2210-3000
L	051-2210-4000
XL	051-2210-5000
XXL *	051-2210-6000

* - optional

TP P/S Femoral Components - CoCr DIN EN ISO 5832-4

Right	
XXS *	053-1311-0258
XS	053-1311-1262
S	053-1311-2266
M	053-1311-3270
L	053-1311-4274
XL	053-1311-5278
XXL *	053-1311-6282
Left	
XXS *	053-1312-0258
XS	053-1312-1262
S	053-1312-2266
M	053-1312-3270
L	053-1312-4274
XL	053-1312-5278
XXL *	053-1312-6282

TP P/S Tibial Inserts UHMWPE DIN EN ISO 5834-2

XXS 8mm *	053-4500-0208
XXS 10mm *	053-4500-0210
XXS 12mm *	053-4500-0212
XXS 15mm *	053-4500-0215
XXS 18mm *	053-4500-0218
XXS 20mm *	053-4500-0220
XS 8mm	053-4500-1208
XS 10mm	053-4500-1210
XS 12mm	053-4500-1212
XS 15mm	053-4500-1215
XS 18mm	053-4500-1218
XS 20mm	053-4500-1220
S 8mm	053-4500-2208
S 10mm	053-4500-2210
S 12mm	053-4500-2212
S 15mm	053-4500-2215
S 18mm	053-4500-2218
S 20mm	053-4500-2220
M 8mm	053-4500-3208
M 10mm	053-4500-3210
M 12mm	053-4500-3212
M 15mm	053-4500-3215
M 18mm	053-4500-3218
M 20mm	053-4500-3220
L 8mm	053-4500-4208
L 10mm	053-4500-4210
L 12mm	053-4500-4212
L 15mm	053-4500-4215
L 18mm	053-4500-4218
L 20mm	053-4500-4220
XL 8mm	053-4500-5208
XL 10mm	053-4500-5210
XL 12mm	053-4500-5212
XL 15mm	053-4500-5215
XL 18mm	053-4500-5218
XL 20mm	053-4500-5220
XXL 8mm *	053-4500-6208
XXL 10mm *	053-4500-6210
XXL 12mm *	053-4500-6212
XXL 15mm *	053-4500-6215
XXL 18mm *	053-4500-6218
XXL 20mm *	053-4500-6220

Patella Components UHMWPE DIN EN ISO 5834-2

XS	051-7110-0331
S	051-7110-0332
M	051-7110-0334
L	051-7110-0337
XL	051-7110-0339
XXL	051-7110-0442

TMB CR Meniscal Bearing Tibial Insert - Cruciate Retaining UHMWPE DIN EN ISO 5834-2

XX-S 8 mm *	052-4501-0208
XX-S 10 mm *	052-4501-0210
XX-S 12 mm *	052-4501-0212
XX-S 15 mm *	052-4501-0215
XX-S 18 mm *	052-4501-0218
XX-S 20 mm *	052-4501-0220
X-S 8 mm	052-4501-1208
X-S 10 mm	052-4501-1210
X-S 12 mm	052-4501-1212
X-S 15 mm	052-4501-1215
X-S 18 mm	052-4501-1218
X-S 20 mm	052-4501-1220
S 8 mm	052-4501-2208
S 10 mm	052-4501-2210
S 12 mm	052-4501-2212
S 15 mm	052-4501-2215
S 18 mm	052-4501-2218
S 20 mm	052-4501-2220
M 8 mm	052-4501-3208
M 10 mm	052-4501-3210
M 12 mm	052-4501-3212
M 15 mm	052-4501-3215
M 18 mm	052-4501-3218
M 20 mm	052-4501-3220
L 8 mm	052-4501-4208
L 10 mm	052-4501-4210
L 12 mm	052-4501-4212
L 15 mm	052-4501-4215
L 18 mm	052-4501-4218
L 20 mm	052-4501-4220
X-L 8 mm	052-4501-5208
X-L 10 mm	052-4501-5210
X-L 12 mm	052-4501-5212
X-L 15 mm	052-4501-5215
X-L 18 mm	052-4501-5218
X-L 20 mm	052-4501-5220
XX-L 8 mm *	052-4501-6208
XX-L 10 mm *	052-4501-6210
XX-L 12 mm *	052-4501-6212
XX-L 15 mm *	052-4501-6215
XX-L 18 mm *	052-4501-6218
XX-L 20 mm *	052-4501-6220

TMB P/S Meniscal Bearing Tibial Inserts UHMWPE DIN EN ISO 5834-2

XXS 8mm *	052-4500-0208
XXS 10mm *	052-4500-0210
XXS 12mm *	052-4500-0212
XXS 15mm *	052-4500-0215
XXS 18mm *	052-4500-0218
XXS 20mm *	052-4500-0220
XS 8mm	052-4500-1208
XS 10mm	052-4500-1210
XS 12mm	052-4500-1212
XS 15mm	052-4500-1215
XS 18mm	052-4500-1218
XS 20mm	052-4500-1220
S 8mm	052-4500-2208
S 10mm	052-4500-2210
S 12mm	052-4500-2212
S 15mm	052-4500-2215
S 18mm	052-4500-2218
S 20mm	052-4500-2220
M 8mm	052-4500-3208
M 10mm	052-4500-3210
M 12mm	052-4500-3212
M 15mm	052-4500-3215
M 18mm	052-4500-3218
M 20mm	052-4500-3220
L 8mm	052-4500-4208
L 10mm	052-4500-4210
L 12mm	052-4500-4212
L 15mm	052-4500-4215
L 18mm	052-4500-4218
L 20mm	052-4500-4220
XL 8mm	052-4500-5208
XL 10mm	052-4500-5210
XL 12mm	052-4500-5212
XL 15mm	052-4500-5215
XL 18mm	052-4500-5218
XL 20mm	052-4500-5220
XXL 8mm *	052-4500-6208
XXL 10mm *	052-4500-6210
XXL 12mm *	052-4500-6212
XXL 15mm *	052-4500-6215
XXL 18mm *	052-4500-6218
XXL 20mm *	052-4500-6220

TMB Meniscal Bearing Tibial Tray Components CoCr DIN EN ISO 5832-4

XXS *	052-2310-0000
XS	052-2310-1000
S	052-2310-2000
M	052-2310-3000
L	052-2310-4000
XL	052-2310-5000
XXL *	052-2310-6000

TP "ALL POLY" TIBIA Components * UHMWPE DIN EN ISO 5834-2

XXS 8mm *	051-2211-0008
XXS 10mm *	051-2211-0010
XXS 12mm *	051-2211-0012
XXS 15mm *	051-2211-0015
XXS 18mm *	051-2211-0018
XS 8mm *	051-2211-1008
XS 10mm *	051-2211-1010
XS 12mm *	051-2211-1012
XS 15mm *	051-2211-1015
XS 18mm *	051-2211-1018
S 8mm *	051-2211-2008
S 10mm *	051-2211-2010
S 12mm *	051-2211-2012
S 15mm *	051-2211-2015
S 18mm *	051-2211-2018
M 8mm *	051-2211-3008
M 10mm *	051-2211-3010
M 12mm *	051-2211-3012
M 15mm *	051-2211-3015
M 18mm *	051-2211-3018
L 8mm *	051-2211-4008
L 10mm *	051-2211-4010
L 12mm *	051-2211-4012
L 15mm *	051-2211-4015
L 18mm *	051-2211-4018
XL 8mm *	051-2211-5008
XL 10mm *	051-2211-5010
XL 12mm *	051-2211-5012
XL 15mm *	051-2211-5015
XL 18mm *	051-2211-5018

TP P/S "ALL POLY" TIBIA Components * UHMWPE DIN EN ISO 5834-2

XXS 8mm *	053-2211-0008
XXS 10mm *	053-2211-0010
XXS 12mm *	053-2211-0012
XXS 15mm *	053-2211-0015
XXS 18mm *	053-2211-0018
XS 8mm *	053-2211-1008
XS 10mm *	053-2211-1010
XS 12mm *	053-2211-1012
XS 15mm *	053-2211-1015
XS 18mm *	053-2211-1018
S 8mm *	053-2211-2008
S 10mm *	053-2211-2010
S 12mm *	053-2211-2012
S 15mm *	053-2211-2015
S 18mm *	053-2211-2018
M 8mm *	053-2211-3008
M 10mm *	053-2211-3010
M 12mm *	053-2211-3012
M 15mm *	053-2211-3015
M 18mm *	053-2211-3018
L 8mm *	053-2211-4008
L 10mm *	053-2211-4010
L 12mm *	053-2211-4012
L 15mm *	053-2211-4015
L 18mm *	053-2211-4018
XL 8mm *	053-2211-5008
XL 10mm *	053-2211-5010
XL 12mm *	053-2211-5012
XL 15mm *	053-2211-5015
XL 18mm *	053-2211-5018

"Movement is Life"

TRK Revision Cemented Femoral Components
CoCr DIN EN ISO 5832-4

Right

XXS	054-1311-0558
XS	054-1311-1562
S	054-1311-2566
M	054-1311-3570
L	054-1311-4574
XL	054-1311-5578
XXL	054-1311-6582

Left

XXS	054-1312-0558
XS	054-1312-1562
S	054-1312-2566
M	054-1312-3570
L	054-1312-4574
XL	054-1312-5578
XXL	054-1312-6582

TRK Revision Cemented Universal Stems
TiAl6V4 DIN EN ISO 5832-3

10x50	054-5410-0510
10x80	054-5410-0810
10x110	054-5410-1110
10x140	054-5410-1410
10x170	054-5410-1710
12x50	054-5410-0512
12x80	054-5410-0812
12x110	054-5410-1112
12x140	054-5410-1412
12x170	054-5410-1712
14x50	054-5410-0514
14x80	054-5410-0814
14x110	054-5410-1114
14x140	054-5410-1414
14x170	054-5410-1714
16x50	054-5410-0516
16x80	054-5410-0816
16x110	054-5410-1116
16x140	054-5410-1416
16x170	054-5410-1716
18x50	054-5410-0518
18x80	054-5410-0818
18x110	054-5410-1118
18x140	054-5410-1418
18x170	054-5410-1718
20x50	054-5410-0520
20x80	054-5410-0820
20x110	054-5410-1120
20x140	054-5410-1420
20x170	054-5410-1720
22x50	054-5410-0522
22x80	054-5410-0822
22x110	054-5410-1122
22x140	054-5410-1422
22x170	054-5410-1722

TRK Revision Tibial Tray
TiAl6V4 DIN EN ISO 5832-3

XXS	054-3410-0500
XS	054-3410-1500
S	054-3410-2500
M	054-3410-3500
L	054-3410-4500
XL	054-3410-5500
XXL	054-3410-6500

TRK Revision TAB
TiAl6V4 DIN EN ISO 5832-3

XXS 5mm	054-8400-0005
XS 5mm	054-8400-1005
S 5mm	054-8400-2005
M 5mm	054-8400-3005
L 5mm	054-8400-4005
XL 5mm	054-8400-5005
XXL 5mm	054-8400-6005

XXS 6mm	054-8400-0006
XS 6mm	054-8400-1006
S 6mm	054-8400-2006
M 6mm	054-8400-3006
L 6mm	054-8400-4006
XL 6mm	054-8400-5006
XXL 6mm	054-8400-6006

XXS 9mm	054-8400-0009
XS 9mm	054-8400-1009
S 9mm	054-8400-2009
M 9mm	054-8400-3009
L 9mm	054-8400-4009
XL 9mm	054-8400-5009
XXL 9mm	054-8400-6009

XXS 12mm	054-8400-0012
XS 12mm	054-8400-1012
S 12mm	054-8400-2012
M 12mm	054-8400-3012
L 12mm	054-8400-4012
XL 12mm	054-8400-5012
XXL 12mm	054-8400-6012

XXS 15mm	054-8400-0015
XS 15mm	054-8400-1015
S 15mm	054-8400-2015
M 15mm	054-8400-3015
L 15mm	054-8400-4015
XL 15mm	054-8400-5015
XXL 15mm	054-8400-6015

TRK Revision Tibial Inserts UHMWPE DIN EN ISO 5834-2

XXS 8mm	054-4500-0508
XXS 10mm	054-4500-0510
XXS 12mm	054-4500-0512
XXS 15mm	054-4500-0515
XXS 18mm	054-4500-0518
XXS 20mm	054-4500-0520
XXS 22mm	054-4500-0522
XXS 24mm	054-4500-0524
XXS 26mm	054-4500-0526
XXS 28mm	054-4500-0528
XXS 30mm	054-4500-0530
XS 8mm	054-4500-1508
XS 10mm	054-4500-1510
XS 12mm	054-4500-1512
XS 15mm	054-4500-1515
XS 18mm	054-4500-1518
XS 20mm	054-4500-1520
XS 22mm	054-4500-1522
XS 24mm	054-4500-1524
XS 26mm	054-4500-1526
XS 28mm	054-4500-1528
XS 30mm	054-4500-1530
S 8mm	054-4500-2508
S 10mm	054-4500-2510
S 12mm	054-4500-2512
S 15mm	054-4500-2515
S 18mm	054-4500-2518
S 20mm	054-4500-2520
S 22mm	054-4500-2522
S 24mm	054-4500-2524
S 26mm	054-4500-2526
S 28mm	054-4500-2528
S 30mm	054-4500-2530
M 8mm	054-4500-3508
M 10mm	054-4500-3510
M 12mm	054-4500-3512
M 15mm	054-4500-3515
M 18mm	054-4500-3518
M 20mm	054-4500-3520
M 22mm	054-4500-3522
M 24mm	054-4500-3524
M 26mm	054-4500-3526
M 28mm	054-4500-3528
M 30mm	054-4500-3530

TRK Revision Tibial Inserts UHMWPE DIN EN ISO 5834-2

L 8mm	054-4500-4508
L 10mm	054-4500-4510
L 12mm	054-4500-4512
L 15mm	054-4500-4515
L 18mm	054-4500-4518
L 20mm	054-4500-4520
L 22mm	054-4500-4522
L 24mm	054-4500-4524
L 26mm	054-4500-4526
L 28mm	054-4500-4528
L 30mm	054-4500-4530
XL 8mm	054-4500-5508
XL 10mm	054-4500-5510
XL 12mm	054-4500-5512
XL 15mm	054-4500-5515
XL 18mm	054-4500-5518
XL 20mm	054-4500-5520
XL 22mm	054-4500-5522
XL 24mm	054-4500-5524
XL 26mm	054-4500-5526
XL 28mm	054-4500-5528
XL 30mm	054-4500-5530
XXL 8mm	054-4500-6508
XXL 10mm	054-4500-6510
XXL 12mm	054-4500-6512
XXL 15mm	054-4500-6515
XXL 18mm	054-4500-6518
XXL 20mm	054-4500-6520
XXL 22mm	054-4500-6522
XXL 24mm	054-4500-6524
XXL 26mm	054-4500-6526
XXL 28mm	054-4500-6528
XXL 30mm	054-4500-6530

TRK Revision Stem Adapters
TiAl6V4 DIN EN ISO 5832-3

Adapter for Revision Universal Stem 5°, 9°	054-9415-0001
Adapter for Revision Universal Stem 7°	054-9415-0002

TRK Revision Stem Offsets
TiAl6V4 DIN EN ISO 5832-3

Long offset for Tibial Stem Offset	3mm	054-1415-0500
Short offset for Femoral and Tibial Stem	3mm	054-2415-0500
Long offset for Tibial Stem Offset	6mm	054-3415-0500
Short offset for Femoral and Tibial Stem	6mm	054-4415-0500



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